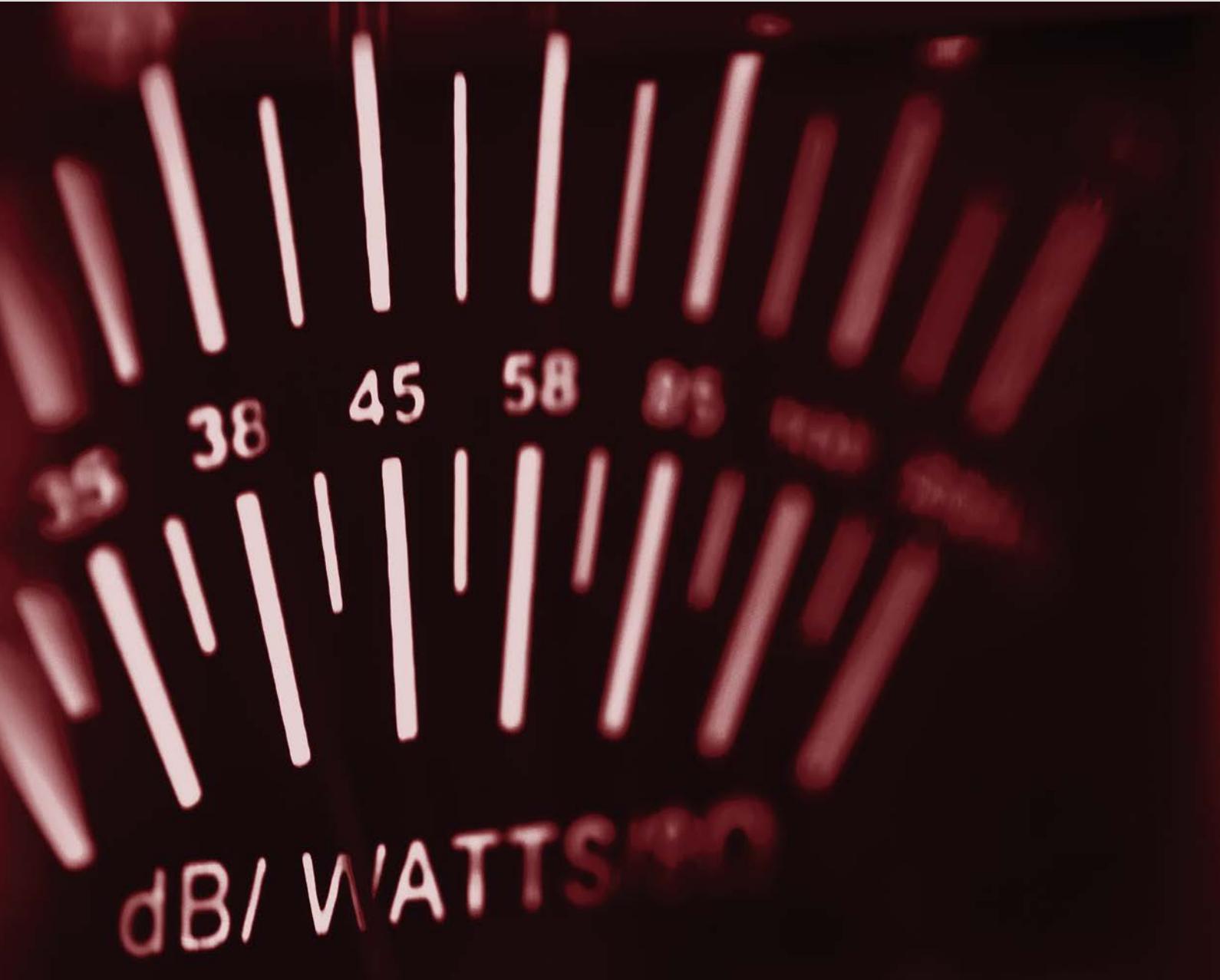




# VENUE SOUND 2017

[www.hill-audio.com](http://www.hill-audio.com)



# The Story

**DATUM**  
A new series of mid-priced modular consoles



**DATUM**  
Audio Transparency  
Flexibility  
Reliability

- 11 A range of 4, 8 and 12 bus modular consoles with dedicated configurations for studio recording, sound reinforcement and stage monitoring.
- 11 Three types of input and output modules to suit the application and individual requirement.
- 11 Five different frame sizes allowing up to 48 inputs on many configurations.
- 11 Compact - 40/12/24 recording (with 64 inputs available as mixdown) or 48/12 monitor console in frame less than 2 metres.
- 11 Inputs available include 4 band EQ with 2 sweep mids and up to 8 aux sends.
- 11 Separate tape input sockets on deluxe inputs - no need to repatch on mixdowns.
- 11 EQ and aux sends on all tape monitors.
- 11 Meter bus for sound reinforcement on modules.

**DATUM**

**Remix**



24:8:16:2 Recording Console

**REMIX**

**HILL AUDIO**

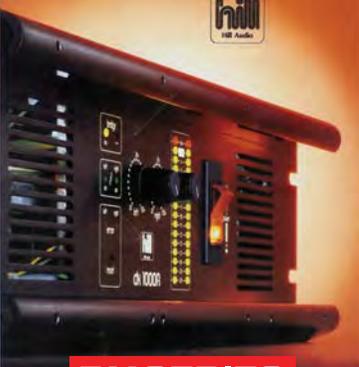
LC / ML AMPLIFIERS



**LC SERIES**

LC 400  
ML 200  
LC 800  
ML 400  
LC 1200  
ML 1800

'00' series and '000' series power amplifiers



**DX SERIES**

'mix' series audio consoles



**MULTIMIX**



Hill Audio was established in England during the mid 1970's, and is being credited for the invention of the rack-mounted PA mixer such as the Multimix series, but also for some successful live sound mixers such as the Soundmix, Datum or J series.

Equally successful recording mixer designs such as the Remix 24 from 1986 and the larger Concept consoles gained an excellent reputation in the market. Hill Audio was at the time also well known for the quality and performance of its amplifier designs, which sold several ten thousand pieces over the existence of the successful DX and LC series.

Since 2006, we have re-invented ourselves to broaden our focus from live sound to installed sound and recording, so whether event, concert, conference, commerce, recording or leisure, Hill Audio has a product to match the specific requirements of the application – both in foreground and background music reproduction, as well as in music production or broadcasting.

Choose Hill Audio for your sound system and join us on our journey to better sound around the world!

*The Hill Team*

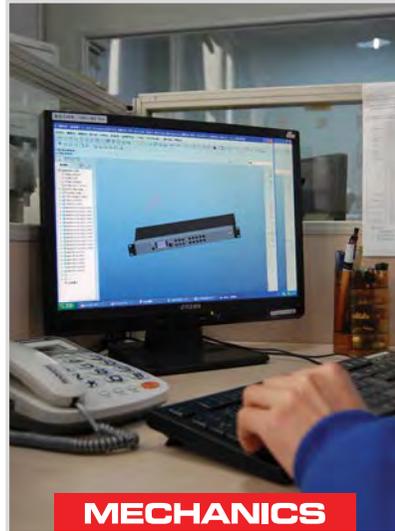
# The Company

At Hill Audio, we take pride in being an actual designer and manufacturer of a product, not just a brand trading products designed and made by subcontractors. This allows us to really listen to customers, implement feedback into product designs, understand what makes or breaks a product and conduct and control the manufacturing process meticulously.

It all starts with our UK product management team to conceive a product concept – mostly in an iterative process that combines their own vast experience, the commercial data from existing products and the feedback and inspiration provided daily by our valued customer base.

From there, all design-work is carried out in-house, using the latest CAD and EDA tools. Moving on to production, we benefit from a fully deployed ERP system as well as from the flexibility of in-house component placement, inspection, assembly and testing. Using a 3-step inspection scheme that combines functional and parametric testing, applied to each and every unit we produce, we have confidence in what we deliver.

In this way, we can stay close to the market, and deliver outstanding sound and value for money.



# Speakers

Proper choice of raw materials and detailed knowledge of acoustics deliver pristine sound and high efficiency when correctly designed transducers meet carefully tuned cabinets and meticulously designed electronics. Experience our range of loudspeakers.



# ADAGIO (T) SERIES

Installation Speakers | Passive | 2-Way | Optional Line Transformer



## SPECIFICATIONS

Param/Model	■ SMW-420 / (T)	■ SMW-620 / (T)	■ SMW-820
LF Driver	4" Polypropylene	6.5" Polypropylene	8" Polypropylene
HF Driver	0.75" Mylar	0.75" Mylar	1" Dome
Acoustic Design	Closed Box	Vented Box	Vented Box
Frequency Response	70Hz-20kHz ±3dB	55Hz-20kHz ±3dB	45Hz-20kHz ±3dB
Sensitivity	88dB (1W/1m)	89dB (1W/1m)	90dB (1W/1m)
Max SPL	100 dB	106 dB	111 dB
Impedance	8 Ohms / (+ HiZ)	8 Ohms / (+HiZ)	8 Ohms
Rated Power RMS	25W@8Ω (2/4/8/16W@HiZ)	50W@8Ω (4/8/16/30W@HiZ)	85W@8Ω
Mounting Points	2xM6	2xM6	2xM6
Connections	2x screw terminal	2x screw terminal	2x screw terminal
Dimensions W*H*D	243*151*150mm	348*208*203mm	420*253*249mm
Weight	1.7 kg (1.88 kg)	3.2 kg (4.82 kg)	6.0 kg

Order numbers, GTIN-13 and package weight/size available on request.

## CONCEPT

The Adagio series is the perfect loudspeaker choice for background music applications. Whether at low volumes like in retail environments or at more elevated sound levels as in hospitality use, there is a choice for every purpose in this range. Being tuned for the high dynamics and extended frequency response of pop music, this line of speakers not only looks good, but first and foremost provides a vivid and pleasant listening experience. The woofer is protected by a sturdy grille, and electrical connections are made via binding posts in a recessed compartment on the speaker's back side. The same compartment also houses the transformer tap settings on versions with built-in line transformer, which is an option on the 4" and 6" size variants ("T" suffix). The two available colors (black, white) allow for an easy integration into any architectural environment. A truly versatile speaker range at an affordable price.



Rear View



Rear View  
(Transformer Version)



## FEATURES

- 2-way passive speaker system
- Available in Low-Impedance configuration or universal impedance configuration (only SMW-420/620) with built-in line transformer (version suffix "T")
- Acoustically optimized cabinet shape with integrated high-frequency waveguide
- Elegantly shaped, impact-resistant ABS cabinet
- Driver-adapted high-grade passive crossover
- Metal woofer grille
- Recessed connection compartment with binding posts for input cables
- Metal mounting bracket with adjustable angle included
- Available in black or white
- Supplied in pairs
- CE/ROHS compliant

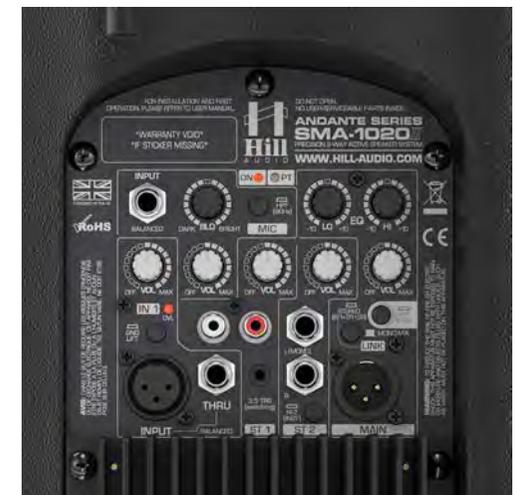


## SPECIFICATIONS

Model	■ SMA-1020V2	■ SMA-1220V2	■ SMA-1520V2
LF driver	10"/200W with 2" VC	12"/300W with 2.5" VC	15"/400W with 2.5" VC
HF driver	1"/25W Polyester Diaphragm	1"/25W Polyester Diaphragm	1"/25W Polyester Diaphragm
LF amplifier (EIA/RMS)	Class D (210W   150W)	Class D (345W   250W)	Class D (345W   250W)
HF amplifier (RMS)	Class AB (40W)	Class AB (40W)	Class AB (40W)
Amplifier protection	Overttemperature, Signal Limiter	Overttemperature, Signal Limiter	Overttemperature, Signal Limiter
Power supply	Switch Mode	Switch Mode	Switch Mode
Frequency response	55 Hz-20kHz	50 Hz-20kHz	45 Hz-20kHz
Max. SPL	122dB	125dB	126dB
Dispersion	120° x 60°	120° x 60°	120° x 60°
Size (Unit) WxHxD	327*490*300mm	385*576.5*346.5mm	467*708*407.5mm
Size single carton (SC)	385*565*360mm	465*650*385mm	520*790*490mm
Weight Unit   SC	11.5 kg   13.5 kg	15.25 kg   18.0 kg	19.75 kg   24.3 kg
Order Number	1302011	1302111	1302211
Single Unit EAN-13	5060502920836	5060502920843	5060502920850

## CONCEPT

The Andante V2 line of active, light-weight moulded speakers strikes the best balance between portability, sound and versatility, and even exceeds its predecessor by adding higher driver efficiency and improved amplifier cooling for extreme ruggedness. The stylish and sturdy Polypropylene (PP) cabinet offers fully recessed controls and connections for extended damage avoidance, and features a 35mm pole mount on its bottom and stacking points on its top. An in-built 4-channel mixer with master volume and EQ, multiple source connection options, and a unique stereo link mode crosses the border between an active speaker and a portable PA system, making the Andante V2 one of the most versatile choices available. The redesigned precision transducers and the hybrid power amp provide a real punch; all included in one compact package, available in three form factors. Whether it be conference, event, or presentation: this speaker will serve all your needs.



## FEATURES

- Hybrid bi-amplified concept (class-D LF amp & class-AB HF amp)
- Vented acoustic design with high-efficiency woofer
- Compression driver with fatigue-free polyester diaphragm
- 4-Channel internal mixer with extra microphone and dual line inputs
- Tone adjustment and HPF for microphone input
- RCA & 3.5mm Mini TRS input for first stereo input
- Dual TRS for 2nd stereo input, with Hi-Z switch
- XLR main input | TRS parallel output | XLR link output
- Unique stereo link mode (keeps one/sends the other channel)
- Master volume control and 2-Band master EQ
- Thermal protection and limiter with control LED
- Light-weight impact-resistant Polypropylene (PP) plastic enclosure
- Asymmetric shape for use as main or monitor speaker
- Pole mount for 35mm tripods, stacking points on top and bottom
- Steel woofer protection grille and 2 carrying handles
- CE/ROHS compliant

## FEATURES

- 15" long-excursion driver, 2.5" voice coil, diecast basket, 800W power handling
- Max. SPL 132dB Peak
- 770 watts Class-D amplifier
- Fan-less convection cooling for silent operation
- Master volume control
- Subwoofer vs. master level control -12/+6dB
- Built-in 120/150Hz switchable low pass filter for internal woofer
- Built-in 120/150Hz switchable high pass filter for external satellites
- 0°/180° phase switch for subwoofer
- Power/Limit/Protection indicators
- Dual XLR / ¼" TRS combo inputs
- Dual XLR link outputs
- Dual XLR satellite outputs
- Solid 15mm birch plywood construction
- Structured scratch-resistant paint, black
- Integrated side handles, one per side
- All-metal speaker pole mount adaptor
- Recessed rear connection panel
- Rugged steel front grille
- CE/ROHS compliant



## TECHNICAL DATA

Frequency response (-6 dB).....39Hz-150Hz  
Additional switchable LPF.....120Hz  
LF Driver.....15", 2.5"VC, 800W  
Max SPL RMS/Program/Peak 126/129/132dB  
Amplifier Topology.....Class D  
Amplifier power EIA/RMS.....770/500W  
AC IN.....115/230V~ 50Hz-60Hz (600W)  
Dimensions.....W450.0xD500.0xH550.0 mm  
Material.....15mm birch plywood  
Surface.....Scratch-resistant paint, black  
Weight.....25.4 kg

## LOGISTICS DATA

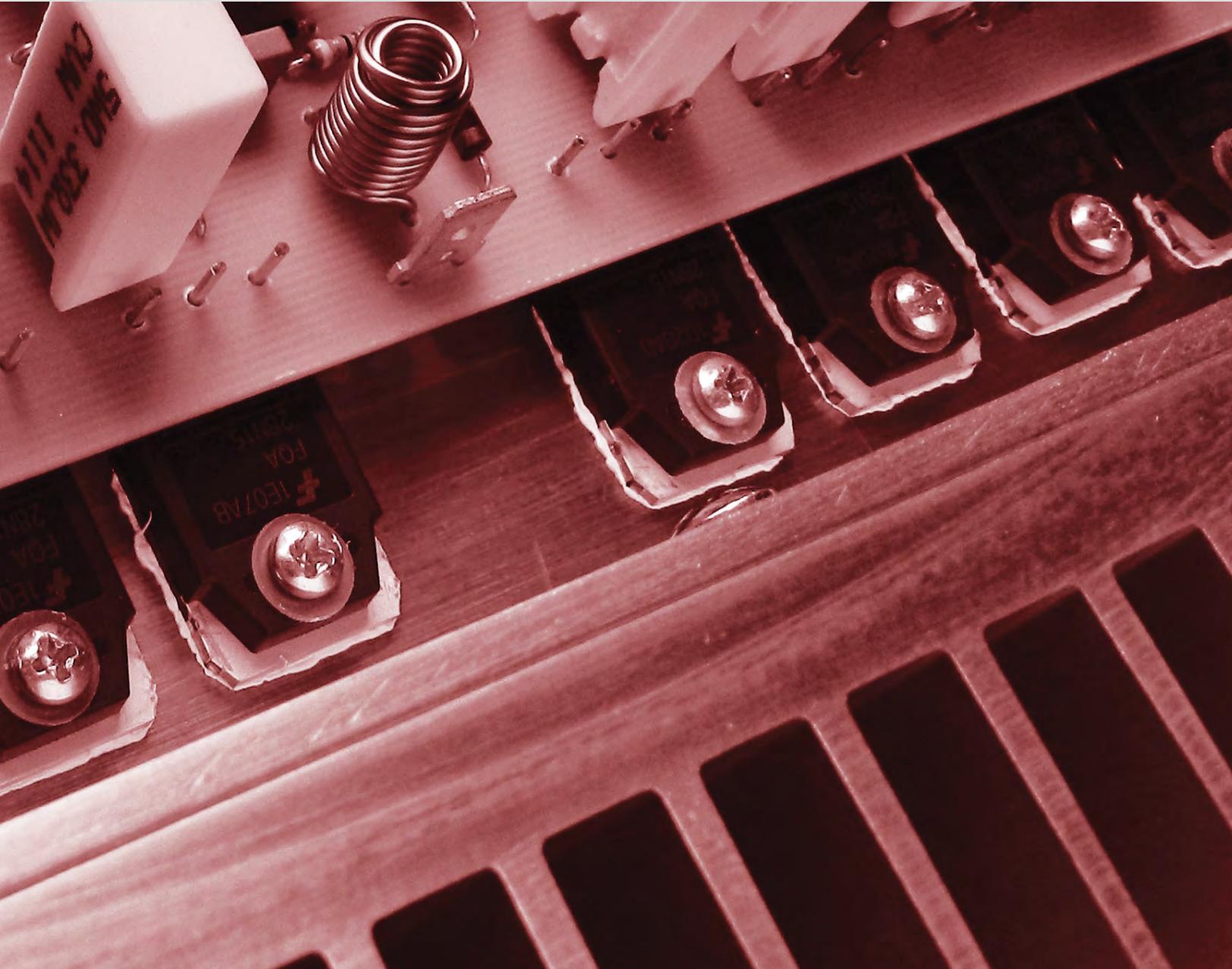
Order Number.....1303301  
Single unit EAN-13.....5060502921291  
Single Carton size.....530x580x630mm  
Single Carton gross weight.....26.2kg  
Units per master carton.....1  
Master carton size.....same as SC  
Master carton gross weight.....same as SC

## CONCEPT

The Gravo SWA-1510 active subwoofer complements the Andante series of moulded speakers to perfection, adding the low bass punch that can only be obtained from a powerful driver in a solid wooden enclosure. Being a direct-radiating, vented design, it's perfect for short-throw applications. A 15" driver with 2.5" voice coil and an optimized magnetic motor system provides great power efficiency, and adding the 770W class D amplifier module, it delivers an impressive low-end performance with high maximum SPL. Connection to sources and integration into systems is simple, with a stereo input provided, which is carried forward to a link output as well as a satellite output, the later subject to high-pass filtering (120/150Hz switchable). In this way, one or two satellite speakers can be connected, running the system in mono or stereo; further systems can easily be daisy-chained. The total system volume is adjustable, and the sub volume can be shifted against the main volume from -12 to +6dB. Made from 15mm birch plywood, carefully assembled and finished with extremely scratch-resistant black paint, this subwoofer is ready for the rigours of the road as well as the aesthetic requirements of installations.

# Power Amplifiers

Combining sonically perfect circuitry with careful thermal design, complemented by a sturdy mechanical structure, delivers what a good power amplifier is all about: sound and reliability. A standard Hill amplifiers are known for since the times of the DX&LC models in the 1980's.





### FEATURES

- Linear amplifier with bipolar transistors, 2Ω stable
- Class AB or H topology (depending on model)
- Stereo, parallel mono and bridge operation modes
- Toroidal transformer
- Temperature-controlled fan cooling
- 71-segment 3-color LCD display with level meter, temperature readout and status indication
- Digitally controlled limiter and input high-pass filters
- Front-detachable air ventilation filter frame
- XLR/Combo/TRS+Phoenix inputs (depending on model)
- Speakon-compatible outputs & binding posts
- IEC or PowerCon AC input (depending on model)
- Resettable Circuit breaker (depending on model)
- CE/ROHS compliant

### CONCEPT

The LPA power amplifier range is a new unique hybrid approach to amplification, using proprietary digital control of limiters and filters while retaining a purely analogue signal path. This provides high dynamic reserves without compromising tonal purity. Proven linear power supply technology yields predictability at any power level. A large 3 colour LCD display clearly indicates the status at any time, and is legible from long distances. The LPA series is available in 6 different power levels.

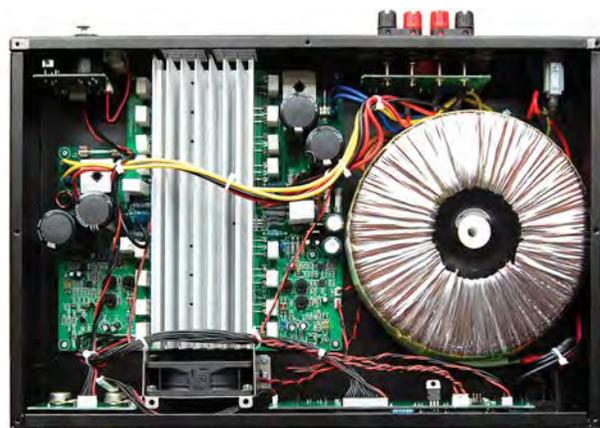


Rear View Models 500 | 800



Rear View Models 1400 | 1800 | 2400 | 3000

### SPECIFICATIONS



Param/Model	■ LPA-500	■ LPA-800	■ LPA-1400	■ LPA-1800	■ LPA-2400	■ LPA-3000
Power x2 @8   4   2Ω	125   200   300 W	200   300   430 W	280   450   700 W	360   600   900 W	500   750   1200 W	650   1000   1500 W
Power (Bridge) @8   4Ω	400   500 W	600   800 W	900   1400 W	1200   1800 W	1500   2400 W	2000   3000 W
Damping Factor	>300	>300	>300	>300	>300	>300
Frequency Response	20Hz-20kHz ±1dB					
THD	<0.03%	<0.03%	<0.03%	<0.03%	<0.03%	<0.03%
Circuit	Class AB	Class AB	Class AB	Class H	Class H	Class H
Fan	x 1	x 1	x 1	x 1	x 1	x 2
Audio Input	XLR + TRS + PHX	XLR + TRS + PHX	Combo + XLR + PHX	Combo + XLR + PHX	Combo + XLR + PHX	Combo + XLR + PHX
AC Input   Fuse	IEC   Cartridge	IEC   Cartridge	PowerCon   Breaker	PowerCon   Breaker	PowerCon   Breaker	PowerCon   Breaker
Size (Unit) WxHxD	W483xH88xD288mm	W483xH88xD288mm	W483xH88xD288mm	W483xH88xD395mm	W483xH88xD395mm	W483xH88xD395mm
Size single carton (SC)	600x190x400mm(MC)	600x190x400mm(MC)	600x190x400mm(MC)	600x190x560mm(MC)	600x190x560mm(MC)	600x190x560mm(MC)
Weight Unit   SC (MC)	11.2   13.5 (MC) kg	13.3   15.6 (MC) kg	16.2   18.5 (MC) kg	19.4   22.6 (MC) kg	20.4   23.6 (MC) kg	21.8   25.0 (MC) kg
Order Number	2006501	2006511	2006521	2006531	2006541	2006551
Single Unit EAN-13	5060502920720	5060502920737	5060502920744	5060502920751	5060502920768	5060502920775



### CONCEPT

The QPA-2800 follows contractor requirements for a compact, powerful and easy-to-handle 4-channel amplifier to drive multichannel low-impedance loads. Built on the proven LPA series' technology, this amplifier basically comprises of two LPA-1400 in one case. Each pair of channels can be run in stereo, bridge or parallel mono mode. A newly designed high-CMRR input circuit proves useful where source and amplifier are far apart. The LPA-based hybrid approach to amplification, using proprietary digital control of limiters and filters while retaining a purely analogue signal path, gives high dynamic reserves without compromising tonal purity. Proven linear power supply technology yields predictability at any power level. Two large 3 colour LCD displays clearly indicate the status at any time, and are legible from long distances. Sources can be connected via Combo input sockets or 3.5mm Phoenix terminals, and loads can be connected both via Speakon and via terminal strips.

### LOGISTICS DATA

Order Number.....	2008401
Single unit EAN-13.....	5060502920799
Single Carton size.....	580x545x170mm
Single Carton gross weight.....	25.2kg
Units per master carton.....	1
Master carton size.....	600x560x190mm
Master carton gross weight.....	27.4kg

### FEATURES

- Linear quadruple amplifier, 2+2 dual block design
- Class AB bipolar topology, 2Ω stable
- Dual stereo, parallel mono and bridge operation modes
- Toroidal transformer
- Temperature-controlled dual fan cooling
- Two 71-segment 3-color LCD displays with level meter, temperature readout and status indication
- Digitally controlled limiter and input high-pass filters
- Ultra-high CMRR input circuit
- Combo & Phoenix-compatible input sockets
- Speakon-compatible & terminal strip outputs
- PowerCon AC input with resettable circuit breaker
- Front-detachable air ventilation filter frames
- Full metal case with detachable rack ears
- CE/ROHS compliant



Rear View (without screw terminal cover)



### TECHNICAL DATA

Power x4 (RMS) @ 8   4   2 Ω.....	280   450   700 W
Power x2 (RMS Bridge) @ 8   4 Ω.....	900   1400 W
Damping Factor.....	> 300
THD.....	< 0.03%
Frequency response.....	20Hz – 20 kHz
AC IN (230V version).....	AC220-250V~ 50Hz
AC IN (115V version).....	AC110-120V~ 60Hz
Dimensions.....	W483.0xH88.0xD425.0mm
Weight.....	24.20 kg

# Installation Amplifiers

With a broad choice from both low-impedance models for smaller venues and 100V models for larger installations, and all options from amplifier-only to fully fledged media amplifiers covered, our range of installation amplifiers is one of the most versatile ones available today.





## CONCEPT

## TECHNICAL DATA

Power (RMS) stereo.....2x50/80 @ 8/4 Ohms  
 Signal/Noise.....>82dB (Line)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN (230V setting).....AC220-250V~ 50Hz  
 AC IN (115V setting).....AC110-120V~ 60Hz  
 Power consumption.....max. 200W  
 Dimensions.....W483.0xH44.5xD228.0mm  
 Weight.....5.60 kg

## LOGISTICS DATA

Order Number.....2006171  
 Single unit EAN-13.....5060502920324  
 Single Carton size.....535x350x90mm  
 Single Carton gross weight.....6.4kg  
 Units per master carton.....4  
 Master carton size.....560x375x390mm  
 Master carton gross weight.....26.7kg

The IPA-200V2 is an ultra-versatile power amplifier for installation purposes. It can serve both as a stereo and as a dual-mono amplifier, and the inputs can even be configured to sum two stereo signals into two mono signals in case that a source is stereo but a mono zone needs to be fed. Input high-pass filters and 2-band EQs are available separately for each channel to cater for driving speakers with limited bass response like ceiling speakers. Rear-side maximum volume controls avoid that certain volumes can be exceeded, and the front-panel volumes controls can be completely disabled if needed. The IPA-200V2 is the most versatile low-impedance installation amplifier available.

## FEATURES

- Dual channel installation power amplifier
- Two independent mono amplifier blocks with 80W@40hms / 50W@80hms RMS power each
- Phoenix-compatible speaker outputs
- Stereo and parallel mono operation modes of the two mono blocks
- Mono-summing option for two incoming stereo signals allowing to process two stereo signals into two mono signals and send them to one amplifier block each for mono zoning
- 2-Band-EQ, 40Hz and 80Hz HighPass filters for each amplifier block input
- Balanced (XLR and Phoenix) and unbalanced (RCA) inputs
- ¼" TRS line-level outputs in parallel to inputs
- Front-side volume control with 41-click precision potentiometers
- Additional rear-side volume control for each block to limit the maximum volume
- Front-side volume controls can be disabled by rear-side switch
- 2x10LED front-side level meter
- Noiseless convection cooling
- Over-temperature protection
- Linear power supply with toroidal transformer
- Full metal case with detachable rack ears
- Internal AC mains voltage setting 115/230V
- CE/ROHS compliant





Picture shows version with Bluetooth option

## CONCEPT

The IMA-200V2 is the one-stop solution for many small commercial venues such as shops, offices, bars and cafés. It combines MP3 replay and FM tuner reception as music sources with a microphone input and a high-headroom power amplifier in one compact unit. Apart from its main output, an additional zone output is available. Depending on the application, the unit can be configured to either use the internal amplifier as a stereo amplifier and an external amplifier for the zone signal, or to use the internal amplifier as a dual mono unit, one for the main and one for the zone signal. A music on-hold output allows to feed the unit's music program into a telephone system. Adding the seamless integration with fire evacuation systems, the IMA-200V2 is the choice of any discerning venue operator. Also available with additional built-in Bluetooth module as IMA-200V2B.

## FEATURES

- Mixer section with one music and one microphone source
- Music source switchable between internal media player/tuner, 3 rear-side connected line sources (with gain control) and one front-side 3.5mm stereo TRS line input
- Internal media player/tuner with file/folder access for USB thumbdrives/SD cards up to 16GB/2000 songs, MP3 file name readout on large LCD display, regular and random play sequence, elapsed/remain time mode, FM tuner mode with RDS station display, jingle player with up to 3 jingles and additional scheduled play mode
- Microphone input with phantom power, isolation transformer, low-pass filter, rear-side gain control, front-side volume control, front-side on/off switch and 2-band-EQ
- Adjustable auto talk-over for automatic microphone priority
- Master section with 41-click volume control and 2-Band EQ
- Additional rear-side maximum level control for master
- Zone section with separate volume control assignable to master signal or to two of the rear-side line inputs
- Two independent internal mono amplifier blocks with RMS power of 80W@40hms / 50W@80hms each
- Amplifier blocks can be assigned to carry master stereo signal or mono master and mono zone signal each

- Noiseless convection cooling
- Over-temperature protection
- Linear power supply with toroidal transformer
- Internally selectable 80Hz high pass filter for every amplifier block
- Binding post speaker outputs
- Preamp output configurable to carry same signal as internal amplifier block inputs or zone signal in stereo
- MOH (music on hold) output with adjustable music and mic levels, isolation transformer and selectable music source from any of the 4 line inputs
- Emergency priority input and output mute contact for external output muting/emergency message priority
- Output mute contact to externally mute the output
- Full metal case with detachable rack ears
- Internal AC mains voltage setting 115/230V
- CE/ROHS compliant
- Available as IMA-200V2 without Bluetooth module and as IMA-200V2B with Bluetooth module



## TECHNICAL DATA

Power (RMS) stereo.....2x50/80 @ 8/4 Ohms  
 Signal/Noise.....>82dB (Line)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN (230V setting).....AC220-250V~ 50Hz  
 AC IN (115V setting).....AC110-120V~ 60Hz  
 Power consumption.....max. 200W  
 Dimensions.....W483.0xH44.5xD228.0mm  
 Weight.....5.80 kg

## LOGISTICS DATA

IMA-200V2 (without Bluetooth module)  
 Order Number.....2006111  
 Single unit EAN-13.....5060502920676

IMA-200V2B (with Bluetooth module)  
 Order Number.....2006121  
 Single unit EAN-13.....5060502920683

Single Carton size.....535x350x90mm  
 Single Carton gross weight.....6.6kg  
 Units per master carton.....4  
 Master carton size.....560x375x390mm  
 Master carton gross weight.....27.5kg



Picture shows version with Bluetooth option

## CONCEPT

The IMA-400V2 media amplifier combines a MP3 player, a FM Tuner and a multitude of microphones and stereo sources with a high-headroom stereo power amplifier in one compact unit. Add a VCA volume remote control option for its main output, the IMA-400V2 extends the its applications into venues with more complex requirements. With the additional zone output, the unit can be configured to either use the internal amplifier as a stereo amplifier and an external amplifier for the zone signal, or to use the internal amplifier as a dual mono unit, one for the main and one for the zone signal. A music on-hold output allows to feed the unit's music program into a telephone system. Adding the seamless integration with fire evacuation systems, the IMA-400V2 is the default choice of any mid-scale venue operator. Also available with additional built-in Bluetooth module as IMA-400V2B.

## TECHNICAL DATA

Power (RMS) stereo...2x100/160@8/4 Ohms  
 Signal/Noise.....>82dB (Line)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN (230V setting).....AC220-250V~ 50Hz  
 AC IN (115V setting).....AC110-120V~ 60Hz  
 Power consumption.....max. 350W  
 Dimensions.....W483.0xH88.5xD228.0mm  
 Weight.....tba kg

## LOGISTICS DATA

IMA-400V2B (with Bluetooth module)  
 Order Number.....2007701  
 Single unit EAN-13.....5060502920300  
 Single Carton size.....535x350x180mm  
 Single Carton gross weight.....9.85 kg  
 Units per master carton.....2  
 Master carton size.....560x390x375mm  
 Master carton gross weight.....20.9 kg

- Mixer section with 1x music and 3x microphone sources
- Music source switchable: Media player/tuner, 3 external line inputs (with gain control) and front-side 3.5mm TRS line input
- Internal media player/tuner with file/folder access for USB thumbdrives/SD cards up to 16GB/2000 songs, MP3 file name readout on large LCD display, regular and random play sequence, elapsed/remain time mode, FM tuner mode with RDS station display, jingle player with up to 3 jingles and additional scheduled play mode
- Microphone inputs with phantom power, isolation transformer (only Mic 1), LPF & Gain (rear), volume & EQ controls (front) and on/off switch
- Adjustable auto talk-over for automatic music level reduction
- Master section with 2-Band EQ plus 5-LED output level meter
- Additional rear-side maximum level control for master
- Remote volume control option via external potentiometer
- Chime sound generator with adjustable volume, external trigger and user-loadable sound on memory card
- Zone section with separate volume control assignable to master signal or to two of the rear-side line inputs
- Two independent mono amplifier blocks with 160W@40hms / 100W@80hms RMS power each

## FEATURES

- Noiseless convection cooling and over-temperature protection
- Linear power supply with toroidal transformer
- Amplifier blocks can be assigned to carry master stereo signal or mono master and mono zone signal each
- Internally selectable 80Hz HPF for every amplifier block
- Binding post speaker outputs
- Preamp output (configurable 2nd master or zone)
- MOH (music on hold) output with adjustable music and mic levels, isolation transformer and selectable music source
- Emergency priority input and output mute contact for external output muting/emergency message priority
- Full metal case with detachable rack ears
- Internal AC mains voltage setting 115/230V
- CE/ROHS compliant
- Available as IMA-400V2 without Bluetooth module and as IMA-400V2B with Bluetooth module



## CONCEPT

The IMA-202V2 is a wall-mount version of the popular IMA-200V2 rack-mount media amplifier, perfect for all locations where no rack space is available, like in small retail outlets or coffee shops. It combines MP3 replay and FM tuner reception as music sources with a microphone input and a high-headroom power amplifier in one compact unit.

Apart from its main output, an additional zone output is available. Depending on the application, the unit can be configured to either use the internal amplifier as a stereo amplifier and an external amplifier for the zone signal, or to use the internal amplifier as a dual mono unit, one for the main and one for the zone signal.

A music on-hold output allows to feed the unit's music program into a telephone system. Adding the seamless integration with fire evacuation systems, the IMA-202V2 is the perfect all-in-one solution for applications with space limitations.

Also available with additional built-in Bluetooth module as IMA-202V2B.

## FEATURES

- Mixer section with one music and one microphone source
- Music source switchable between internal media player/tuner, 3 rear-side connected line sources (with gain control) and one front-side 3.5mm stereo TRS line input
- Internal media player/tuner with file/folder access for USB thumbdrives/SD cards up to 16GB/2000 songs, MP3 file name readout on large LCD display, regular and random play sequence, elapsed/remain time mode, FM tuner mode with RDS station display, jingle player with up to 3 jingles and additional scheduled play mode
- Microphone input with phantom power, isolation transformer, low-pass filter, rear-side gain control, front-side volume control, front-side on/off switch and 2-band-EQ
- Adjustable auto talk-over for automatic microphone priority

- Master section with 41-click volume control and 2-Band EQ
- Additional rear-side maximum level control for master
- Zone section with separate volume control assignable to master signal or to two of the rear-side line inputs
- Two independent internal mono amplifier blocks with RMS power of 80W@4Ohms / 50W@8Ohms each
- Amplifier blocks can be assigned to carry master stereo signal or mono master and mono zone signal each
- Noiseless convection cooling
- Over-temperature protection
- Linear power supply with toroidal transformer
- Internally selectable 80Hz high pass filter for every amplifier block
- Binding post speaker outputs

- Preamp output configurable to carry same signal as internal amplifier block inputs or zone signal in stereo
- MOH (music on hold) output with adjustable music and mic levels, isolation transformer and selectable music source from any of the 4 line inputs
- Emergency priority input and output mute contact for external output muting/emergency message priority
- Output mute contact to externally mute the output
- Full metal wall-mount case with loudspeaker cable covers
- Internal AC mains voltage setting 115/230V
- CE/ROHS compliant
- Available as IMA-202V2 without Bluetooth module and as IMA-202V2B with Bluetooth module



Picture shows version with Bluetooth option



## TECHNICAL DATA

Power (RMS) stereo.....2x50/80 @ 8/4 Ohms  
 Signal/Noise.....>82dB (Line)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN (230V setting).....AC220-250V~ 50Hz  
 AC IN (115V setting).....AC110-120V~ 60Hz  
 Power consumption.....max. 200W  
 Dimensions.....W450.0xH261.0xD44.5mm  
 Weight.....6.10 kg

## LOGISTICS DATA

IMA-202V2 (without Bluetooth module)  
 Order Number.....2006141  
 Single unit EAN-13.....5060502920706

IMA-202V2B (with Bluetooth module)  
 Order Number.....2006151  
 Single unit EAN-13.....5060502920713

Single Carton size.....535x350x90mm  
 Single Carton gross weight.....6.9kg  
 Units per master carton.....4  
 Master carton size.....560x375x390mm  
 Master carton gross weight.....28.8kg



## CONCEPT

The VMA-1120 media amplifier combines a multitude of microphones and stereo sources and an integrated MP3 player with a high-headroom 120W high-impedance (100V) amplifier in one compact unit. The amplifier is a transformer-less design using the unique Hybervolt™ topology, thus reducing the weight, improving audio fidelity and being field-serviceable. Adjustable microphone priority and a front-side 3.5mm stereo input provide extended convenience both for paging as well as replay from mobile devices. The clear front panel layout makes operation simple for less experienced users. Adding the seamless integration with fire evacuation systems, the VMA-1120 is the perfect choice for small-to-medium sized locations employing 100V line speakers for sound reinforcement, where simplicity and budget conscience rule.

## TECHNICAL DATA

Power (RMS) .....1x120W@40 Ohms  
 Signal/Noise.....> 72dB (Line)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN (230V setting).....AC220-250V~ 50Hz  
 AC IN (115V setting).....AC110-120V~ 60Hz  
 Power consumption.....max. 180W  
 Dimensions.....W483.0xH88.5xD237.0mm  
 Weight.....8.5 kg

## LOGISTICS DATA

Order Number.....2013601  
 Single unit EAN-13.....5060502921239  
 Single Carton size.....535x350x180mm  
 Single Carton gross weight.....9.5 kg  
 Units per master carton.....2  
 Master carton size.....560x390x375mm  
 Master carton gross weight.....20.2 kg

## FEATURES

- Mixer section with 1x music and 3x microphone sources
- Music source switchable: Media player, 3 external line inputs (with rear gain control) and front-side 3.5mm TRS line input
- Internal media player for USB thumbdrives/SD cards up to 16GB/2000 songs, regular and random play sequence, repeat mode
- Microphone inputs with phantom power, isolation transformer (only Mic 1), Gain (rear), volume & common EQ controls (front) and on/off switch
- Adjustable auto talk-over for automatic music level reduction
- Additional utility input for external spot announcers or chime generators
- Master section with 2-Band EQ plus 5-LED output level meter
- Additional rear-side maximum level control for master
- Balanced stereo link output to feed output signal to further amplifiers
- Mono amplifier block with 120W@40 Ohms
- Transformer-less Hybervolt™ amplification technology for extended bandwidth, lower weight and field-serviceability
- Silent fan cooling with temperature controlled speed
- Linear power supply with toroidal transformer
- Phoenix-compatible speaker output with security cover
- Emergency priority input and output mute contact for external output muting/emergency message priority
- Full metal case with detachable rack ears
- AC mains voltage selector 115/230V
- CE/ROHS compliant





## CONCEPT

The VMA-1240 media amplifier combines a MP3 player, a Bluetooth receiver, a FM Tuner and a multitude of microphones and stereo sources with a high-headroom 240W high-impedance (100V) amplifier in one compact unit. The amplifier is a transformer-less design using the unique Hybertvolt™ topology, thus reducing the weight, improving audio fidelity and being field-serviceable. VCA volume remote control is provided for the main output. With the additional zone output, the unit can control an external amplifier for the zone signal, which can be the same as the master signal or a direct choice of inputs. A music on-hold output allows to feed the unit's music program into a telephone system. Adding the seamless integration with fire evacuation systems, the VMA-1240 is the default choice for any mid-scale venue employing 100V line speakers for sound reinforcement.

## FEATURES

- Mixer section with 1x music and 3x microphone sources
- Music source switchable: Media player/tuner, 3 external line inputs (with gain control) and front-side 3.5mm TRS line input
- Internal media player/tuner with file/folder access for USB thumbdrives/SD cards up to 16GB/2000 songs, MP3 file name readout on large LCD display, regular and random play sequence, elapsed/remain time mode, FM tuner mode with RDS station display, jingle player with up to 3 jingles and additional scheduled play mode
- Built-in Bluetooth receiver
- Microphone inputs with phantom power, isolation transformer (only Mic 1), LPF & Gain (rear), volume & EQ controls (front) and on/off switch
- Adjustable auto talk-over for automatic music level reduction
- Master section with 2-Band EQ plus 5-LED output level meter
- Additional rear-side maximum level control for master
- Remote volume control option via external potentiometer
- Chime sound generator with adjustable volume, external trigger and user-loadable sound on memory card
- Zone section with separate volume control

- Zone assignable to master signal or to two of the rear-side line inputs, routed to preamp output
- Mono amplifier block with 240W@40 Ohms (100V)
- Transformer-less Hybertvolt™ amplification technology for extended bandwidth, lower weight and field-serviceability
- Silent fan cooling with temperature controlled speed
- Linear power supply with toroidal transformer
- Phoenix-compatible speaker output with security cover
- MOH (music on hold) output with adjustable music and mic levels, isolation transformer and selectable music source
- Emergency priority input and output mute contact for external output muting/emergency message priority
- Full metal case with detachable rack ears
- AC mains voltage selector 115/230V
- CE/ROHS compliant



## TECHNICAL DATA

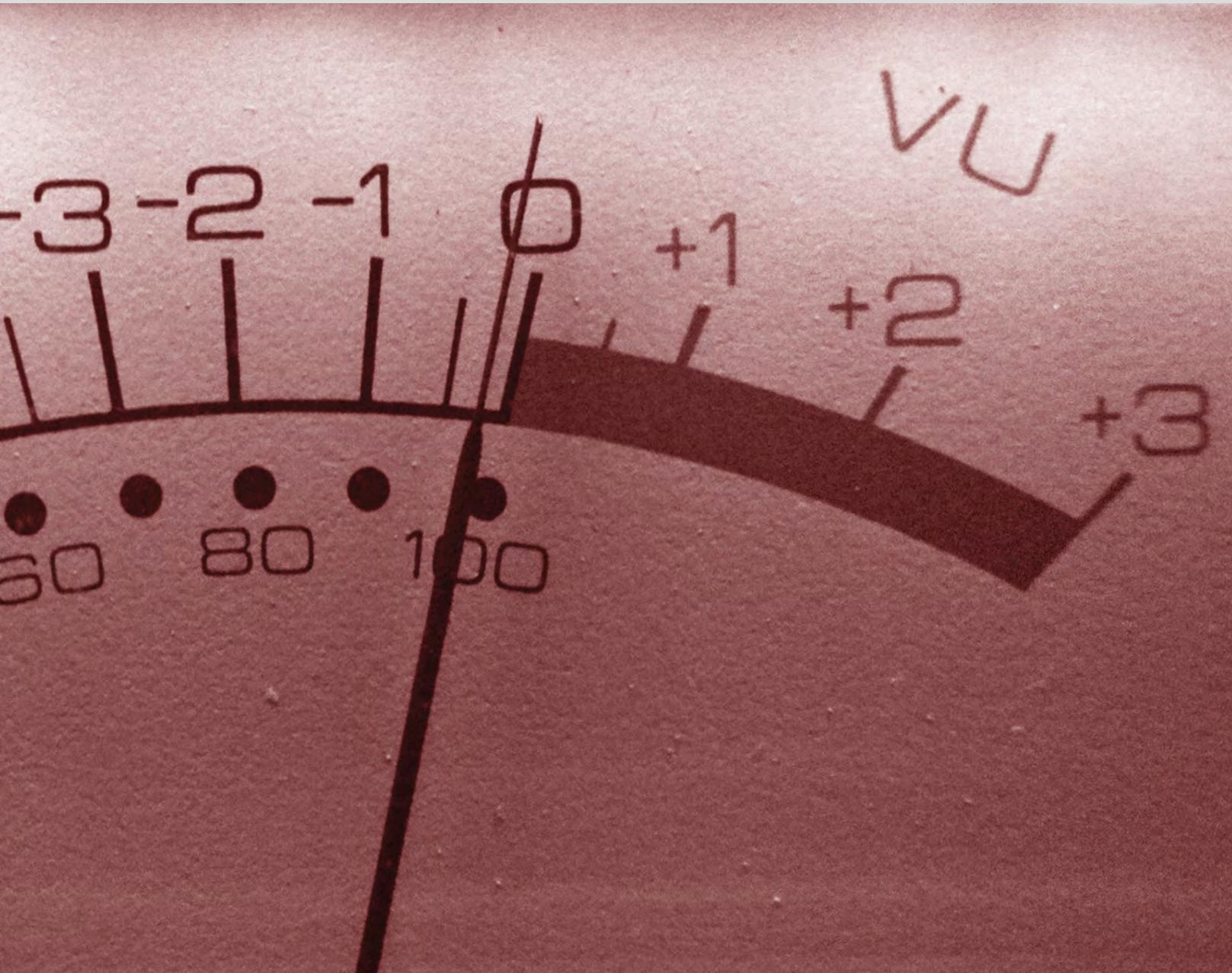
Power (RMS) .....	1×240W@40 Ohms
Signal/Noise.....	> 72dB (Line)
Crosstalk Damping.....	> 65dB (Line)
THD.....	< 0.05% (Line)
Frequency response.....	20Hz – 20 kHz
AC IN (230V setting).....	AC220-250V~ 50Hz
AC IN (115V setting).....	AC110-120V~ 60Hz
Power consumption.....	max. 320W
Dimensions.....	W483.0×H88.5×D237.0mm
Weight.....	8.6 kg

## LOGISTICS DATA

Order Number.....	2011401
Single unit EAN-13.....	5060502921246
Single Carton size.....	535x350x180mm
Single Carton gross weight.....	9.6 kg
Units per master carton.....	2
Master carton size.....	560x390x375mm
Master carton gross weight.....	20.4 kg

# Pre- Amplifiers

Getting the perfect mix and the most suitable routing with low distortion and minimum noise from a multitude of audio sources is as easy as it can get with our range of preamplifiers. Available with and without media player, they are a perfect choice for fitness sound systems and pub sound installations.





## CONCEPT

The IPM-1610V2 7-channel mixer is a perfect fit at the heart of any installed sound system where flexibility needs to be paired with simplicity of operation. It offers 5 multi-purpose inputs which can either be fed with a balanced microphone signal or an unbalanced stereo line signal. One further balanced stereo line level input is specifically useful when processing an auxiliary line-level source from further distance, like a mixer on a stage, or the output of a different room's system. By inserting a signal cable into the provided 3.5mm TRS jack on the front, this channel can also be used for a local signal feed from a portable device. The additional, dedicated microphone input with adjustable talkover (priority) provides control over announcements. Every input – with the exception of the balanced stereo input – is equipped with rear-panel gain control and a front-panel 2-band equalizer. The external shutdown and emergency signal input connections allow integration with central announcement and evacuation systems.

## FEATURES

- 5 stereo inputs switchable between balanced microphone and unbalanced line input level (switch on rear panel)
- 1 balanced stereo input (FOH input), with auto-switching 3.5mm TRS input on the front panel
- 1 microphone input with rear-side 1/4" TRS connectors
- Rear-panel gain control, front-panel 2-Band EQ and front-panel level control for all input channels (no gain for FOH input).
- 12V phantom power for microphones by internal jumper
- Adjustable auto talk-over for automatic music level reduction when microphone is used
- One stereo master output
- 10 LED level meter for stereo master output
- Rear-side adjustable maximum level control for master output
- Rear-side mono switch for master output
- Balanced TRS and Phoenix output connectors
- Emergency input which shuts down master output when emergency signal comes in and plays emergency signal instead
- Output mute contact to externally mute the output
- Headphone output with volume control and front-side 6.3mm stereo jack
- Unbalanced record output
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

## TECHNICAL DATA

Signal/Noise.....>82dBu (unwgted 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.03% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 20W  
 Dimensions.....W483xH44.5xD152.0mm  
 Weight.....2.30 kg

## LOGISTICS DATA

Order Number.....2005411  
 Single unit EAN-13.....5060502920348  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.8kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....12.1kg





## CONCEPT

## TECHNICAL DATA

Signal/Noise.....	>82dB (Line)
Crosstalk Damping.....	>65dB (Line)
THD.....	<0.05% (Line)
Frequency response.....	20Hz – 20 kHz
AC IN (230V setting).....	AC220-250V~ 50Hz
AC IN (115V setting).....	AC110-120V~ 60Hz
Power consumption.....	max. 18W
Dimensions.....	482.6(427)xH44.5xD152.0mm (parentheses = without rack ears)
Weight.....	2.6 kg

## LOGISTICS DATA

IMM-2320V2 (without Bluetooth module)	
Order Number.....	2005511
Single unit EAN-13.....	5060502920508
IMM-2320V2B (with Bluetooth module)	
Order Number.....	2005521
Single unit EAN-13.....	5060502920515
Single Carton size.....	535x255x90mm
Single Carton gross weight.....	3.1kg
Units per master carton.....	4
Master carton size.....	560x285x390
Master carton gross weight.....	13.4kg

The IMM-2320V2 Media Preamp/Mixer combines a 3-input stereo mixer with 2 microphone inputs and an internal media player. The auto-talkover feature of the microphone section allows automatic attenuation of the music signal by an adjustable amount when speaking into a microphone. This makes the unit a perfect companion for fitness instructors or presenters who have no hand free to lower the program level while speaking. The internal media player sports an IR remote for added comfort; it also features a jingle player, which runs both in a one-shot and a scheduled mode. Two master outputs with fire evacuation facilities like external mute and emergency signal priority functions complete the feature set of this comprehensive unit. The IMM-2320V2 is the ideal core unit for fitness sound systems, hospitality sound systems and mobile sound systems deployed for educational or promotional applications. Also available with additional built-in Bluetooth module as IMM-2320V2B.

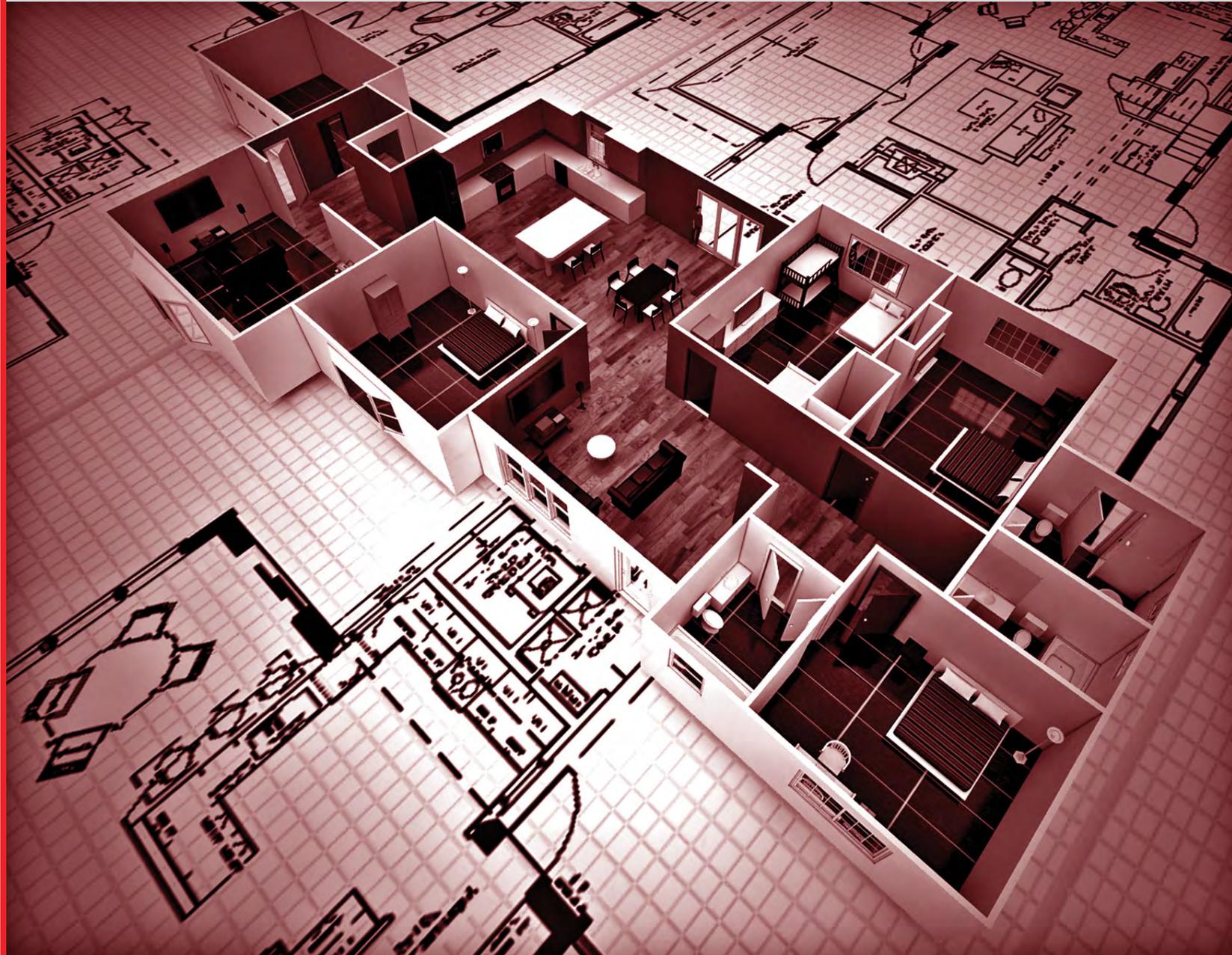
## FEATURES

- 2 stereo inputs with signal-present-LED, rear-panel gain and front-panel level control
- Front panel 3.5mm stereo TRS input
- 2x Mic inputs with rear-side 1/4" TRS connectors
- Voice-specific 2-Band EQ plus "on air" switches for mic inputs
- Adjustable auto talk-over for automatic music level reduction when microphone is used
- Internal media player/tuner with file/folder access for USB thumbdrives/SD cards up to 16GB/2000 songs, MP3 file name readout on large LCD display, regular and random play sequence, elapsed/remain time mode, FM tuner mode with RDS station display, jingle player with up to 3 jingles and additional scheduled play mode
- Two stereo main outputs with independent level control
- 2-Band front-side EQ for main output 1
- 10 LED level meter for main output 1
- Rear-side adjustable maximum level control for each output
- Rear-side tone control for main output 2
- Mono switch and 100Hz HP filter on rear side for main output
- Balanced TRS and Phoenix output connectors for both outputs; additional unbalanced RCA connectors
- Emergency input which shuts down master output when emergency signal comes in and plays emergency signal instead
- Output mute contact to externally mute the output
- Headphone section with volume control and front-side 6.3mm stereo jack
- Unbalanced record output
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with brushed aluminum front panel and detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant
- Available as IMM-2320V2 without Bluetooth module and as IMM-2320V2B with Bluetooth module



# Zoning Mixers

Complex venue sound systems can range from multi-room to multi-zone installations and require a careful balance of equipment features and simplicity of operation. Our range of zoning mixers covers everything from a small restaurant to a mid-sized hotel and is both easy to install and to operate.





## CONCEPT

## TECHNICAL DATA

Signal/Noise...>82dBu (unwgt'd 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.03% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 20W  
 Dimensions.....W483xH44.5xD152.0mm  
 Weight.....2.40 kg

## LOGISTICS DATA

Order Number.....2003611  
 Single unit EAN-13.....5060502920607  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.9kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....12.5kg

The ZPR-2620V2 2-Zone mixer is the only 1U installation mixer featuring Hill Audio's unique CascadeZone © system, which allows the 2nd output to act either just as a second master or as a second zone, with each output sporting comprehensive rear-panel configuration controls. 2 microphone inputs are complemented by 6 stereo inputs, out of which two can be switched to microphone sensitivity – which makes the ZPR-2620V2 a unique blend between microphone mixer and stereo line mixer. Another Hill Audio innovation is the FOH input, providing a solution to venues with occasional live music events – allowing to feed the FOH system with an external balanced stereo input signal. Comprehensive rear-panel connection and configuration features make the ZPR-2620V2 is the default choice for a hospitality venues' background music control.

## FEATURES

- 6 stereo inputs with signal-present-LED, rear-panel gain and front-panel level control
- 2 stereo channels switchable to microphone
- 1 balanced stereo input (FOH input)
- Front panel 3.5mm stereo TRS input
- 2x Mic inputs with rear-side 1/4" TRS connectors
- 12V phantom power for microphones by internal jumper
- 2-Band EQ plus "on air" switches for mic inputs
- Adjustable auto talk-over for automatic music level reduction when microphone is used
- One stereo output zone and one mono output zone
- 5 LED level meter for every zone
- CascadeZone ©: Mono zone source selectable from Input 1-5 or stereo zone signal
- Rear-side adjustable maximum level control for each zone
- Balanced XLR and Phoenix output connectors; stereo zone with additional unbalanced RCA connectors
- 2-Band master EQ (front for stereo zone, rear for mono zone)
- Emergency input which shuts down master output when emergency signal comes in and plays emergency signal instead
- Output mute contact to externally mute the output
- PFL section with volume control and front-side 6.3mm stereo jack
- Unbalanced record output
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant





## CONCEPT

The ZPR-2820V2 2-Zone Rack Mixer is a specific product for venues with combined foreground and background music requirements. While the user interface even allows basic DJ use on occasions when required, other features cater for the requirements of an auxiliary background music zone. In a typical application, party music can be played by a DJ during a weekend inside a pub while soft music is played in the patio area – just to revert to playing the same soft music inside and outside of the venue on a weekday, all with the same sound system and setup. The unique CascadeZone © system makes such scenario changes quick and comfortable, and microphone priority and emergency features allow for easy integration with building evacuation systems. Perfect for any multi-purpose hospitality venue, such as pubs, hotels and restaurants.

## FEATURES

- 4 dual-source stereo inputs (2xLine/Line, 2xPhono/Line) with 2-color signal/peak LED and front-panel gain control
- 45mm smooth dual-rail input channel faders
- 1 balanced stereo input (FOH input)
- Front panel 3.5mm stereo TRS input
- 2x Mic inputs with front-side Combo connectors and rear-side 1/4" TRS connectors
- 12V phantom power for micro- phones by internal jumper
- Voice-specific 3-Band EQ plus "on air" switches for mic inputs
- Adjustable auto talk-over for automatic music level reduction when microphone is used
- Two stereo output zones
- CascadeZone ©: Source for 2nd zone output selectable from Input 1-3 or first zone signal
- Zone-assignable 2x10LED level meter
- Rear-side adjustable maximum level control for each zone
- Balanced XLR and Phoenix output connectors plus unbalanced RCA connectors for each zone
- 3-Band EQ (front panel) for zone 1 and 2-Band EQ (rear panel) for zone 2

- 100Hz High pass filter and mono switch for zone 2
- Emergency input which shuts down master output when emergency signal comes in and plays emergency signal instead
- Output mute contact to externally mute the output
- PFL section with volume control and front-side 6.3mm stereo jack
- Unbalanced record output
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant



## TECHNICAL DATA

Signal/Noise.....>82dBu (unwgt'd 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 20W  
 Dimensions.....W483xH88.0xD162.0mm  
 Weight.....3.10 kg

## LOGISTICS DATA

Order Number.....2004811  
 Single unit EAN-13.....5060502920362  
 Single Carton size.....535x255x135mm  
 Single Carton gross weight.....3.7kg  
 Units per master carton.....2  
 Master carton size.....560x285x290mm  
 Master carton gross weight.....8.6kg



## CONCEPT

## TECHNICAL DATA

Signal/Noise...>82dBu (unwgt'd 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 20W  
 Dimensions.....W483xH44.5xD191.0mm  
 Weight.....2.76 kg

## LOGISTICS DATA

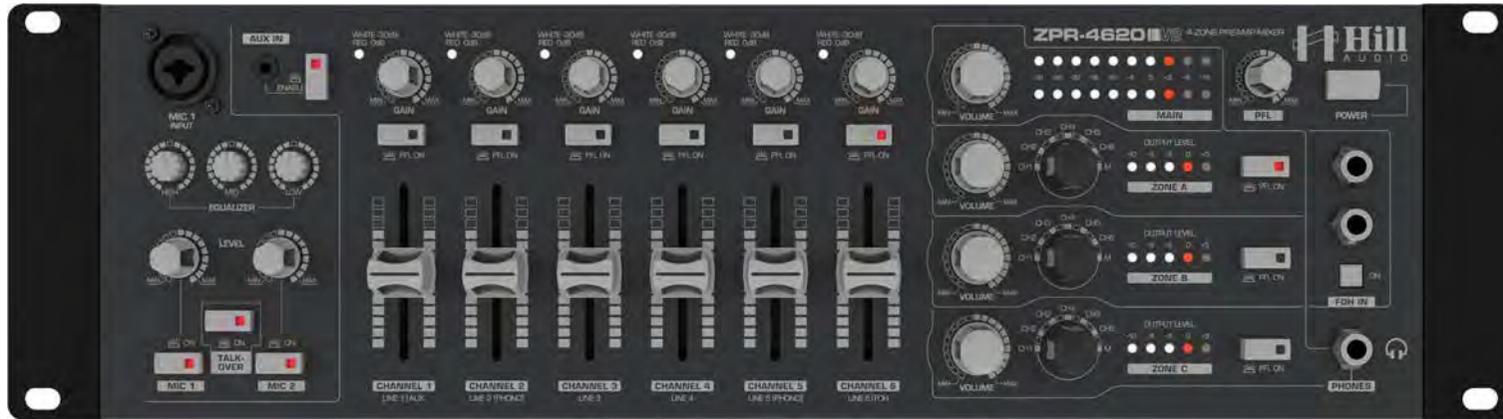
Order Number.....2006911  
 Single unit EAN-13.....5060502920621  
 Single Carton size.....535x350x90mm  
 Single Carton gross weight.....3.51kg  
 Units per master carton.....4  
 Master carton size.....560x375x390mm  
 Master carton gross weight.....15.24kg

The ZPR-3520V2 is a 3-Zone mixer / preamplifier with two stereo and one mono zone output. On the choice of the installer, the zones can be level-controlled by either the internal front-panel control or an external potentiometer control (ZCP10A, optional). Every output zone's source signal can be freely chosen from any of the 4 stereo inputs, with two of these stereo inputs re-routable to the front side 3.5mm TRS stereo input and the rear-side balanced stereo input (FOH), thus providing connectivity to both mobile players and balanced sources like a connected DJ or stage mixer. Two microphone inputs with switchable priority can either be included or excluded in/from every zone. Additional 2-Band EQs for every zone output and the music mute and emergency signal inputs with automatic priority make the ZPR-3520V2 a truly versatile core of any installed sound system.

## FEATURES

- 5 stereo inputs, 4 equipped with rear-panel gain and freely routable to output zones A | B | C. 5th input only routable to Zone C.
- Rear-panel balanced stereo input (FOH input) and front-side 3.5mm stereo TRS jack, routable to zones A | B | C in lieu of stereo input 1 and 4 respectively
- 2x Mic inputs with rear-side 1/4" TRS connectors and gain control
- 12V phantom power for microphones by internal jumper
- Voice-specific 2-Band EQ plus "on air" switches for mic inputs
- Auto talk-over for automatic music level reduction when microphone is used, damping level adjustable per zone.
- Microphone include/exclude switch per zone
- Microphone level setting per zone
- Two stereo output zones and one mono output zone
- 5 LED level meter for every zone
- Rear-side adjustable 2-Band EQ for each zone
- Volume control for every switchable between front-panel volume control and rear-panel connected external remote control potentiometer (optional, recommended control panel ZCP10A)
- Balanced TRS and Phoenix output connectors for each zone
- Emergency input which shuts down master output when emergency signal comes in and plays emergency signal instead
- Output mute contact to externally mute the output
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant





## CONCEPT

The ZPR-4620V2 4-Zone mixer is the most versatile choice for medium-sized multi-zone sound systems built around a stereo main zone. The unique CascadeZone © concept allows the three additional mono zones to either carry the same signal as the stereo zone or any of the 6 individual input signals. 2 microphone inputs sport adjustable priority and can be included in or excluded from each of the output zones. All essential controls are located on the front panel, while some specific settings can only be made on the rear panel. This includes zone adjustments like maximum level settings, equalization and 100Hz Highpass filters. The combination of front-panel and rear-panel controls make the ZPR-4620V2 ultimately flexible while still being user-friendly even for less experienced operators.

## FEATURES

- 6 stereo input channels (4xLine, 2xPhono/Line) with 2-color signal/peak LED, gain control and 45mm dual-rail fader
- 1 balanced stereo input (FOH input)
- Front panel 3.5mm stereo TRS input
- 2x Mic inputs with rear-side 1/4" TRS connectors, one with additional front-side Combo connector
- 12V phantom power for microphones by internal jumper
- Voice-specific 3-Band EQ plus "on air" switches for mic inputs
- Adjustable auto talk-over for automatic microphone priority
- Master section with one stereo output zone (dual 10 LED level meter) and three mono output zones (5 LED level meters)
- CascadeZone ©: Mono zone sources selectable from Inputs 1-6 or stereo Master signal
- Each output zone with rear-side adjustable max. level control
- Each output zone with both balanced XLR and Phoenix connectors; stereo zone with additional unbalanced RCA output
- Rear side EQs: 3-band (stereo zone), 2-band (mono zones)
- Switchable 100Hz HPF & microphone exclusion for mono zones

- Emergency priority input and output mute contact for external output muting/emergency message priority
- PFL section with volume control and 6.3mm stereo jack
- Unbalanced record output
- All switches with LED status indicator
- Internal linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant



## TECHNICAL DATA

Signal/Noise.....>82dBu (unwgted 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 20W  
 Dimensions.....W483.0xH133.0xD162.0mm  
 Weight.....4.30 kg

## LOGISTICS DATA

Order Number.....2002911  
 Single unit EAN-13.....5060502920652  
 Single Carton size.....535x255x185mm  
 Single Carton gross weight.....5.0kg  
 Units per master carton.....2  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....11.3kg

### ZCP10A Wall Control Panel

#### CONCEPT

The ZCP10A is a wall-mounted, passive remote volume control panel matching all Hill Audio products with active VCA remote control ports, like the IMA-400V, the VMA-1240 or the ZPR-3520V2. It integrates itself into a wall surface elegantly, without any protruding elements. The 41-click precision potentiometer adjusts the zone volume swiftly and precisely.

#### TECHNICAL DATA

Dimensions.....WxHxD 85.8x85.8x27mm

#### FEATURES

- Designed to fit 86\*86\*35mm UK-style (BS 5733) pattress box. Pattress box is not included.
- Connection to remote controlled unit via 2-Core cable with overall screen (max. 100m)
- Cable mounting in 3-pin 3.5mm screw terminal block
- 41-click precision potentiometer
- Black anodized aluminum finish



Rear View



### ZPM10D Desktop Paging Microphone

#### CONCEPT

The ZPM10D is a desktop paging microphone, specifically designed for simple installation and most reliable operation, thus based on a dynamic capsule rather than a condenser capsule like most other paging mics. The solid diecast base provides stable placement on a desktop and also ensures ease of electrical connection via a common XLR microphone cable. A rugged enable/disable switch avoids unnecessary feedback danger when the microphone is not in use. Although being designed with simplicity in mind, the capsule mounted at the top of the sturdy gooseneck is of professional grade - making announcements clear and legible.

#### FEATURES

- Dynamic capsule
- Black anodized gooseneck, 435mm long
- Locking female XLR used as bottom socket for simple exchange of microphone
- Permanent on/off switch
- Heavy powder coated diecast base with rubber feet
- Male XLR on rear of base as audio output

#### TECHNICAL DATA

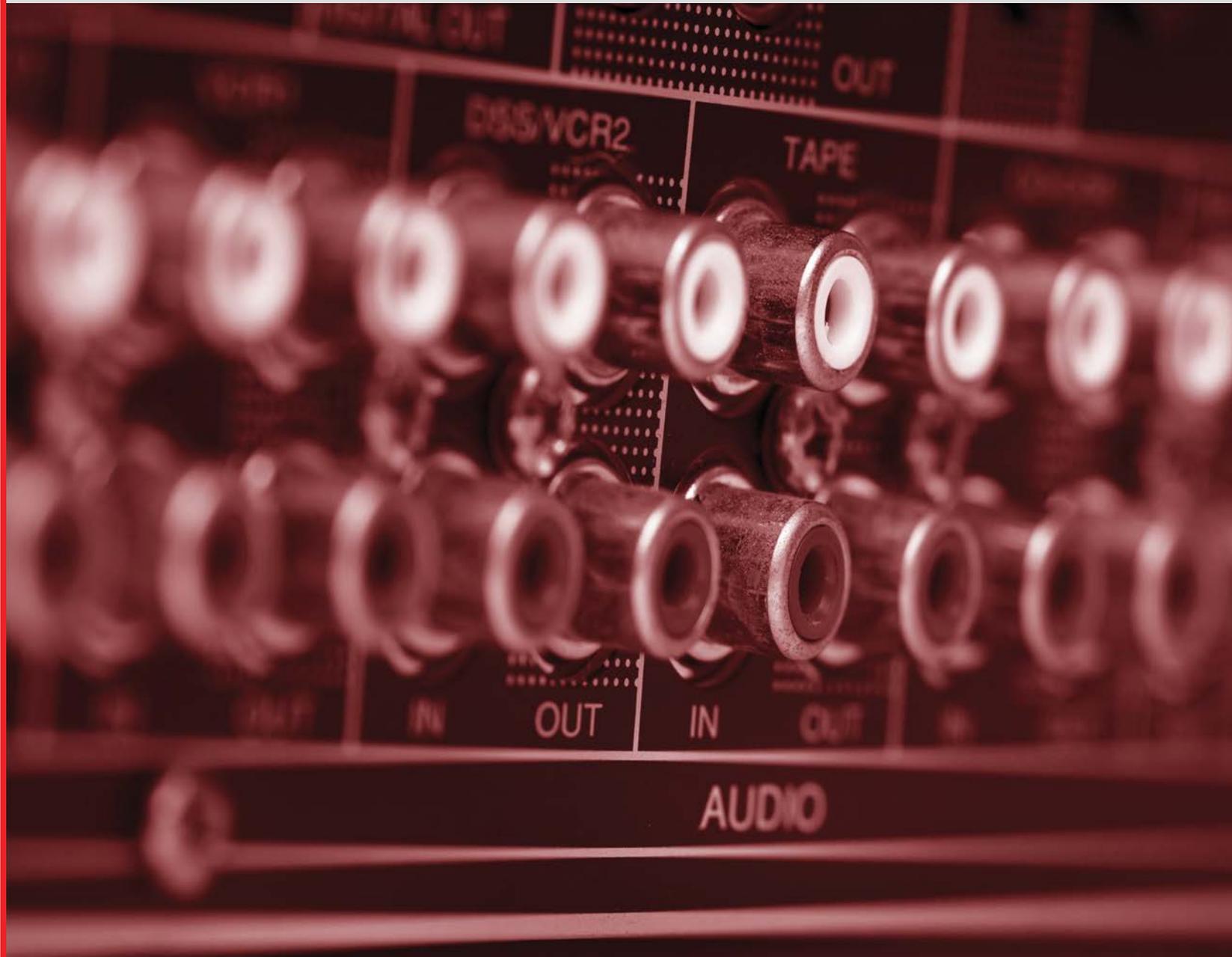
Frequency response.....50Hz-18kHz  
 Dimensions.....WxHxD 110x470x138mm  
 Weight.....1.20 kg



Rear View

# Stereo Mixers

Covering a broad range of applications from event performances to club mixing and radio broadcasting, our stereo mixers provide the enhanced reliability and refined features requested by professional hosts, entertainers and DJs.





## TECHNICAL DATA

Signal/Noise...>82dBu (unwgted 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 15W  
 Dimensions.....W483xH88.0xD80.0mm  
 Weight.....2.3kg

## LOGISTICS DATA

Order Number.....2003511  
 Single unit EAN-13.....5060502920409  
 Single Carton size.....535x135x255mm  
 Single Carton gross weight.....2.9kg  
 Units per master carton.....2  
 Master carton size.....560x290x285mm  
 Master carton gross weight.....6.7kg

## CONCEPT

The PSM-2220V2 Stereo Production Mixer packs all essential features for venues which require music replay with vocal announcements in the outmost compact package. With only 88mm height and nearly the same depth, the PSM-2220V2 is predestined for applications where space is a major concern, such as compact mobile systems or hospitality music systems which share the space with a bar or reception counter. Despite its compactness, it sports all the features which a host or DJ would expect – 6 stereo inputs with individual EQ, two microphone inputs with EQ and auto-talkover, and two separate master outputs. Any sound engineer, DJ or host will instantly recognize the versatility of this unit with no compromises made in usability and quality.

## FEATURES

- 2 triple-source stereo inputs (Phono (Line)/Line/Aux) with gain control, 3-band Kill-EQ (+12/-26dB) and 5-LED level meter
- Utility input switchable between balanced stereo input (FOH input) and front panel 3.5mm stereo TRS input
- 45mm smooth dual-rail input channel faders
- 2x Mic inputs (1x front-panel Combo + rear-panel TRS, 1x rear-panel TRS) with 3-Band EQ, volume control and "on air" switch
- Adjustable auto talk-over for automatic music level reduction when microphone is used
- 45mm smooth dual-rail crossfader with on/off switch
- 2 Independent balanced stereo main outputs with rear-side maximum volume adjustment
- Mono switch and switchable HP filter for both outputs
- 10-LED level meter assignable to either main output
- PFL section with PFL/Main mix control and Blend/Split option
- Unbalanced record output
- Ultra-compact 95mm depth to minimize space consumption in L-Racks
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant





### CONCEPT

The PSM-2420 Stereo Production Mixer is a default choice for any application where vocal presentations have to be mixed with pre-recorded music. Venues such as pubs, clubs, dance schools and mobile DJs, or rental companies serving these markets, are just a few areas where this mixer excels. It comes with a comprehensive but straightforward feature set which includes precise gain controls and 3-band EQs in all stereo inputs, two microphone channels with 3-band EQ and adjustable talkover, and two separately adjustable master outputs, plus a separate subwoofer output with built-in active crossover.

### FEATURES

- 4 dual-source stereo inputs (2x Phono (Line)/Line, 2xLine/line) with gain control, 3-band Kill-EQ (+12/-26dB) and Peak LED
- Front panel 3.5mm stereo TRS input
- 60mm smooth dual-rail input channel faders
- 2 Mic inputs (1xCombo, 1xTRS) with Gain, 3-Band EQ, and "on air" switch
- Adjustable auto talk-over for automatic music level reduction when microphone is used
- Fully assignable 45mm smooth dual-rail crossfader with switchable curve (steep/flat)
- 2 Independent stereo main outputs (one balanced, one unbalanced)
- 10-LED level meter for main output
- Mono subwoofer output (balanced) with integrated active crossover (frequency/level adjustable)
- PFL section with PFL/Main mix control and Blend/Split option
- Unbalanced record output
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant



### TECHNICAL DATA

Signal/Noise.....>82dBu (unwgted 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 18W  
 Dimensions.....W483.0×H178.0×D104.0mm  
 Weight.....3.20 kg

### LOGISTICS DATA

Order Number.....2002201  
 Single unit EAN-13.....5060502920416  
 Single Carton size.....535x185x255mm  
 Single Carton gross weight.....3.65kg  
 Units per master carton.....2  
 Master carton size.....560x390x285mm  
 Master carton gross weight.....8.1kg

## FEATURES

## TECHNICAL DATA

Signal/Noise.....>82dBu (unwgt'd 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 25W  
 Dimensions.....W483.0xH308.0xD104.0mm  
 Weight.....4.75 kg

## LOGISTICS DATA

Order Number.....2002701  
 Single unit EAN-13.....5060502920423  
 Single Carton size.....600x190x400mm  
 Single Carton gross weight.....5.35kg  
 Units per master carton.....1  
 Master carton size.....same as SC  
 Master carton gross weight.....6.80kg

## CONCEPT

The PSM-4530 Stereo Production Mixer is specifically designed to cater for the events industry where vocal presentations are mixed with music, but is equally useful in all kind of small broadcast production applications and also serves perfectly as a center piece of a club sound system. As the only mixer of its kind, it sports one-knob compressors in its 3 microphone inputs. In combination with a 2-parameter adjustable automatic talkover, this allows flawless integration of announcements and other vocal performances into the program. Aside from a full feature set per channel, this unit also offers a multitude of outputs with a unique zone feature for its 3rd output and an in-built subwoofer output with active crossover. An in-parallel routed effects path can be assigned to either the microphone or the music bus. With its multitude of inputs and outputs and the advanced signal processing options, there is virtually no situation requiring stereo signal mixing which this unit cannot master. Besides its ability to cater for complex applications, the user interface is simple and the operation hence intuitive.



- 5 dual-source stereo inputs (2x Phono (Line)/Line, 3xLine/line) with gain control, 3-band Kill-EQ (+12/-26dB) and 10-LED level meter
- Front panel 3.5mm stereo TRS input
- 1 balanced stereo input (FOH input)
- Smooth dual-rail channel input faders: 60 (mic)/100mm (line)
- 3x Mic inputs with Combo connector, Gain, Peak LED, Compressor, 3-band EQ, FX assign & "on air" switch
- 2-parameter adjustable auto talk-over
- Fully assignable 45mm smooth dual-rail cross-fader
- Master section with two separately controllable outputs and assignable dual level meter
- Balanced (XLR) and unbalanced main outputs
- Main 1 output switchable to Mono
- Mono subwoofer output (balanced) with integrated active crossover (frequency/level adjustable)
- Additional balanced (XLR) mono zone output (with switchable 80Hz HPF), routable to master bus/CH5 line input
- All outputs with rear-side maximum level setting controls
- 10-LED level meters for outputs
- Adjustable effects send/return (TRS connectors) with parallel routing, assignable to mic or master bus
- PFL section with PFL/Main mix and Blend/Split option
- Unbalanced record output
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

## CONCEPT

The CSM-1210 is a compact club mixer for mobile and rental systems and combines all essential features required by a discerning DJ. It sports 2 stereo channels and a microphone input in a clear and intuitive layout, easy to operate for beginners as well as occasional users and professionals. A comprehensive prelistening section eases to properly line up tracks for replay. Setting it apart from any other mixers in its category, it also features a studio-grade USB 2-deck sound card with 24-Bit/96kHz converters and low latency ASIO drivers, thus integrating it perfectly into a mixed Vinyl/PC system. As a great benefit to creative mixing, the CSM-1210 includes a digital effects processor, which can add 7 different effects to the main output signal, including the stunning filter effects known from the larger CSM series models. Effects can be synchronized to the music tempo by the auto-BPM counter, thus providing the most creative and intuitive approach to correct effect timing. With its compact size, sturdy construction and advanced feature set, the CSM-1210 is easily one of the best compact DJ mixers available.

## TECHNICAL DATA

Signal/Noise.....>82dBu (unwgt'd 22Hz-22KHz)  
 Crosstalk Damping.....>65dB (Line)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 22W  
 Dimensions.....W220.5xH300.0xD104.0mm  
 Weight.....2.40 kg



## FEATURES

- 2 multi-source stereo inputs (Phono (Line)/Line/USB), with gain control, 3-band Kill-EQ (+12/-26dB) and 10-LED level meter
- Smooth dual-rail 45mm channel input faders
- Microphone input (TRS connector) with level control, 2-band EQ, and on/off switch
- Microphone input switchable to Aux input
- 45mm smooth dual-rail crossfader, front detachable/exchangeable, with switchable steep/flat curve and reverse switch
- Internal preparation for InnoFader™ refit
- Master section with 10-LED level meter
- Balanced (TRS) and unbalanced main outputs
- PFL section with PFL/Main mix and Blend/Split option
- Unbalanced record output
- All switches with LED status indicator
- DSP effects processor for the main output (serial & parallel effects): Flanger | PitchShifter | HPF | LPF | Phatter | Stutter | Vocoder
- One parameter and mix ratio settable for effects
- Auto-BPM with effects synchronization
- LED display for effects processor
- 2-deck multichannel USB 2.0 soundcard with low-latency ASIO drivers and 24Bit/96kHz studio-grade converters
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- AC mains voltage selector switch 115/230V
- Full metal case
- CE/ROHS compliant

## LOGISTICS DATA

Order Number.....3900201  
 Single unit EAN-13.....5060502920430  
 Single Carton size.....395x160x320mm  
 Single Carton gross weight.....3.10kg  
 Units per master carton.....4  
 Master carton size.....660x345x415mm  
 Master carton gross weight.....12.40kg

## FEATURES

- 4 multi-source stereo inputs (2x Phono (Line)/Line/USB, 1xLine/USB, 1xLine/Line/USB) with gain control, 3-band Kill-EQ (+12/-26dB) and 10-LED level meter
- Smooth dual-rail 60mm channel input faders
- 2x Mic inputs (1x Combo/1x TRS connector) with level control, mutual 2-band EQ, "on air" switches and manual talk-over
- Fully assignable 45mm smooth dual-rail crossfader, front exchangeable, with steep/flat curve switch and reverse switch
- Internal preparation for InnoFader™ refit
- Master section with two separately controllable outputs and assignable dual 10-LED level meter
- Balanced (XLR) and unbalanced main outputs
- PFL section with PFL/Main mix and Blend/Split option
- High-power dual headphone output (6.35+3.5mm TRS)
- Unbalanced record output
- DSP effects processor routable to inputs (parallel effects) or the main output (serial+parallel effects): Flanger | Phaser | Chorus | HPF | LPF | Stutter | Panner | PitchShifter | Reverb | Delay | Phatter | Subsynth
- One parameter and mix ratio settable for effects
- Dual (Main/PFL) Auto-BPM with effects synchronization
- Large backlit LCD display for effects processor
- 4-deck multichannel USB 2.0 soundcard with low-latency ASIO drivers and 24Bit/96kHz studio-grade converters
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- AC mains voltage selector switch 115/230V
- Full metal desktop case (panel-mounting brackets included)
- CE/ROHS compliant

## LOGISTICS DATA

Order Number.....	3900401
Single unit EAN-13.....	5060502920454
Single Carton size.....	435x160x430mm
Single Carton gross weight.....	5.70kg
Units per master carton.....	2
Master carton size.....	450x345x445mm
Master carton gross weight.....	12.20kg



## CONCEPT

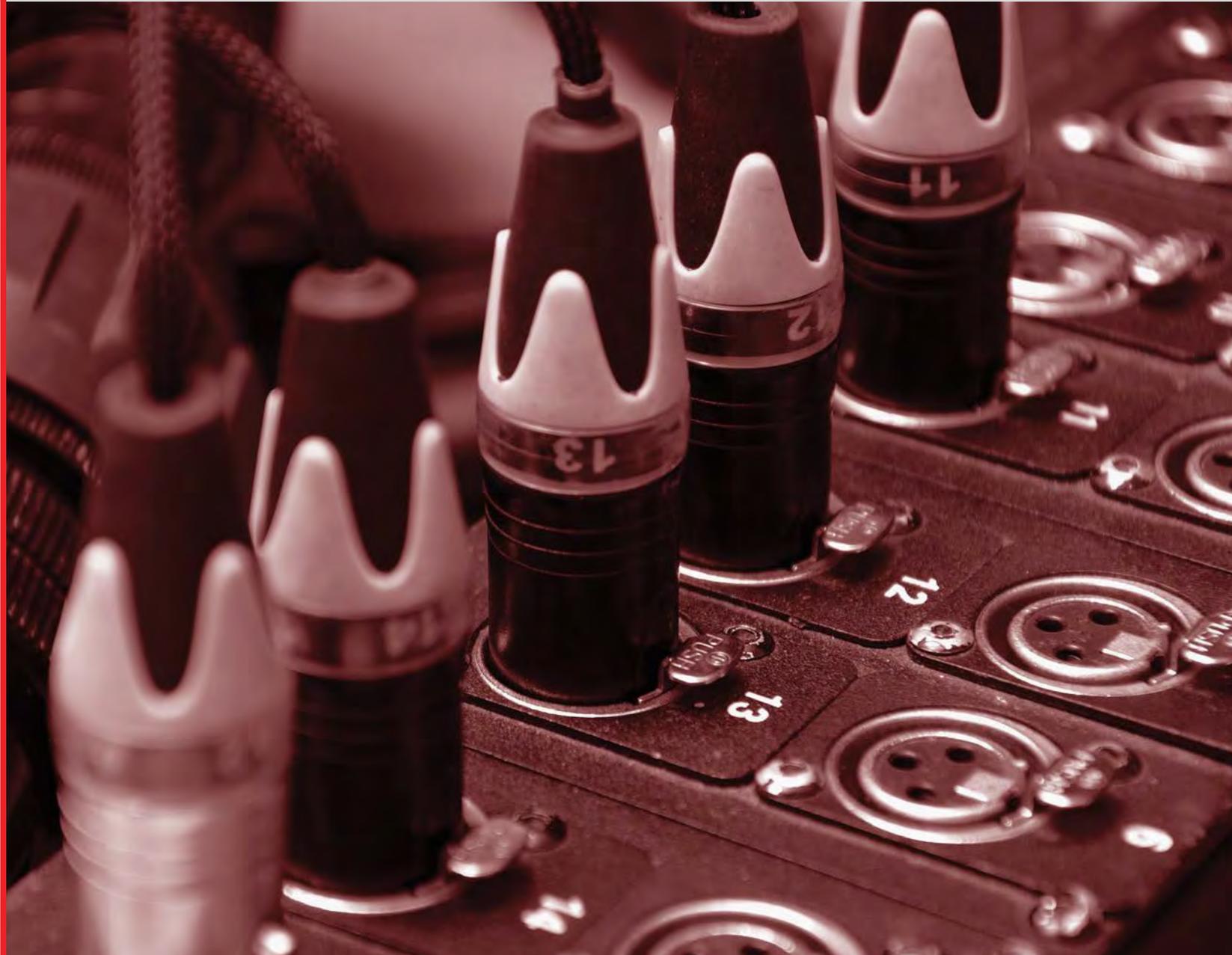
Designed to fit standard 320x360mm spaces, the CSM-2420 is the unique combination of an every-day workhorse and a creative mixing tool. It features 4 stereo channels and two microphone inputs in an industry-standard layout, thus making it easy for every DJ to adopt its operation. Two master outputs, one of them being balanced, easily interface to sound systems of any size. Outstanding and unique in this class is the in-built USB 4-deck sound card with 24-Bit/96kHz converters and low latency ASIO drivers, making this mixer the perfect center piece of mixed Vinyl/PC club system. Another highlight of this console is the digital effects processor, which can both create parallel effects to the input channels as well as serial effects for the master signal. These serial effects include some of the best filter effects which have ever been created for a club mixer. All effects can be synchronized to the music tempo by the dual auto-BPM counter, and the time bases can be set to fractions or multiples, thus providing the most creative and intuitive effects imaginable.

## TECHNICAL DATA

Signal/Noise.....	>82dBu (unwgted 22Hz-22KHz)
Crosstalk Damping.....	>65dB (Line)
THD.....	<0.05% (Line)
Frequency response.....	20Hz – 20 kHz
AC IN .....	115V/230~ 50/60Hz
Power consumption.....	max. 25W
Dimensions.....	W320xH360.0xD104.0mm
Weight.....	4.80 kg

# Stage Mixers

With applications from podcasting to recording and concert sound, our stage mixers cover any situation that requires microphones to be preamplified and mixed with line sources. Available in numerous sizes and configurations, there's a model for every purpose.



## TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.008%  
 SNR | Mic In to Main Out.....>85dB  
 Preamp Noise (EIN 150Ω source):.....-118 dB  
 Residual Output Noise.....<-87dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-65dB  
 AC IN.....220-250V~ 50Hz-60Hz (12.5W)  
 Dimensions.....W152.0xD198.0xH60 mm  
 Weight.....0.85 kg  
 (without PSU, PSU = 0.55kg)

## LOGISTICS DATA

Order Number.....2008001  
 Single unit EAN-13.....5060502920461  
 Single Carton size.....285x260x120mm  
 Single Carton gross weight.....1.95kg  
 Units per master carton.....8  
 Master carton size.....600x510x285mm  
 Master carton gross weight.....16.6kg

## CONCEPT

Despite its compact size and focused feature set, the Hill Audio LMD-502 can serve a multitude of applications, from one-man bands to podcast production and video post-production. Basically any situation where a single microphone signal needs to be properly pre-amplified and equalized, and then mixed with a range of stereo signals, calls for the LMD-502's presence. Unlike other mixers of its format, the LMD-502's microphone input is not limited to dynamic microphones, but can also handle condenser microphones thanks to its switchable +12V phantom power supply. The external power supply, connected to the mixer via a locking connector, provides for low hum and noise and thus outstanding audio performance. A metal case not only provides for an elegant appearance but also ensures rigidity for the use in mobile applications. A small but extremely versatile mixer!



## FEATURES

- 1 mono microphone input with wide-range gain control covering microphone and line signal sensitivities
- Switchable +12V phantom power for microphone input
- 2-band EQ, pan control, Peak LED and volume control for mono input
- 2 stereo Line inputs with balance and volume control
- Stereo tape record/playback port with flexible routing options (to main mix, to control room)
- Control Room/headphones output with adjustable volume
- Main output with volume control
- 2x5 LED level meter for main output
- External power supply for lowest hum and high dynamics, connected via locking connector
- Full metal case
- CE/ROHS compliant



## FEATURES

- 2 mono microphone inputs with wide-range gain control covering microphone and line signal sensitivities
- Switchable +48V phantom power for microphone inputs
- 3-band EQ, post-volume Aux (EFX) bus, pan control, Peak LED and volume control for both mono inputs
- 2 stereo Line inputs with 3-band EQ, post-volume Aux (EFX) bus, balance control, Peak LED and volume control
- Stereo tape record/playback port with flexible routing options (to main mix, to control room)
- Control room/headphones output with adjustable volume
- Main output with volume control
- 2x5 LED level meter for main output
- AUX send/return connections for external effects with adjustable send volume and stereo return port
- External power supply for lowest hum and high dynamics, connected via locking connector
- Full metal case
- CE/ROHS compliant



## TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.008%  
 SNR | Mic In to Main Out.....>85dB  
 Preamp Noise (EIN 150Ω source):.....-118 dB  
 Residual Output Noise.....<-88dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-65dB  
 AC IN.....220-250V~ 50Hz-60Hz (12.5W)  
 Dimensions.....W212xD255xH60mm  
 Weight.....1.45 kg  
 (without PSU, PSU = 0.55kg)

## LOGISTICS DATA

Order Number.....2008101  
 Single unit EAN-13.....5060502920485  
 Single Carton size.....340x310x120mm  
 Single Carton gross weight.....2.65kg  
 Units per master carton.....6  
 Master carton size.....710x390x340mm  
 Master carton gross weight.....16.9kg

## CONCEPT

Entertainers or duos which heavily rely on stereo sources such as keyboards and accompaniment arrangers, will make the Hill Audio LMD-802 their preferred choice. Providing compact and budget-conscious, yet sophisticated pre-amplification and mixing for two microphones/instruments and two stereo sources, the LMD-802 grants great sound from a simple setup in a breeze. Microphones can either be of the dynamic or condenser type, given that a +48V phantom power is built in. The post-volume AUX bus with stereo return facilitates the integration of external effects if required. The external power supply, connected to the mixer via a locking connector, provides for low hum and noise and thus outstanding audio performance. A metal case not only provides for an elegant appearance but also ensures rigidity for the use in mobile applications.

## TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.007%  
 SNR I Mic In to Main Out.....>85dB  
 Preamp Noise (EIN 150Ω source):.....-114 dB  
 Residual Output Noise.....<-95dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-70dB  
 AC IN.....220-250V~ 50Hz-60Hz (12.5W)  
 Dimensions.....W304xH255xD60mm  
 Weight.....2.10 kg  
 (without PSU, PSU = 0.55kg)

## LOGISTICS DATA

Order Number.....2008201  
 Single unit EAN-13.....5060502920867  
 Single Carton size.....435x120x310mm  
 Single Carton gross weight.....3.40kg  
 Units per master carton.....4  
 Master carton size.....505x460x340mm  
 Master carton gross weight.....14.5kg

## CONCEPT

The Hill Audio LMD-1202FX desktop live mixer comprises everything a small band without dedicated monitor system would need: 4 microphone channels with quality preamps, 3-band EQ, effects bus, pan and volume control; 4 stereo input channels with effects bus, balance and volume control, and a versatile Record/Playback port plus a control room output for prelistening/monitoring purposes. The LMD-1202FX also sports a sophisticated 3-core DSP effects processor, offering 16 highly useful algorithms which can be altered in their core parameter as well as aligned to the music tempo by a tap function. Being fed by an external symmetrical AC power supply which is connected to the mixer via a locking connector, this mixer delivers outstanding audio performance for bands on a budget and is ready for the rigors of the road with its sturdy metal case.



## FEATURES

- 4 mono microphone inputs with wide-range gain control (mic/line signal sensitivities)
- Switchable +48V microphone phantom power
- 3-band EQ, 75Hz highpass-filter, post-volume Aux (EFX) bus, pan control, Peak LED and volume control for all mono inputs
- 4 stereo Line inputs with +4/-10dB sensitivity switch, post-volume Aux (EFX) bus, balance control, Peak LED and volume control
- Stereo tape record/playback port with flexible routing options (to main mix, to control room)
- Control Room/headphones output with switch to include/exclude the Aux (EFX) bus signal
- Main Out with 60mm fader & 2x5 LED meter
- TriCore DSP effects with stereo output, 24-Bit converters and 16 algorithms: Flanger I Chorus I Delays: Mono / PingPong I Reverbs: Plate / PrePlate / Room / Hall / Spring I VocalDetune I Reverb+MonoDelay I Reverb+PingPong-Delay I Reverb+Chorus I Reverb+Flanger I Reverb+VocDoubler I Rotary
- All DSP effects with 16 parameter variations
- Tap-tempo for effects where applicable
- Signal/Peak indicator and effects return control for effects processor
- External power supply for lowest hum and high dynamics, connected via locking connector
- Full metal case
- CE/ROHS compliant



## FEATURES

- 8 mono microphone inputs with wide-range gain control covering microphone and line signal sensitivities
- Switchable +48V phantom power for microphone inputs
- 3-band EQ, 75Hz highpass-filter, pre-volume Monitor bus, post-volume Aux (EFX) bus, pan control, Peak LED and volume control for all mono inputs
- 2 stereo Line inputs with +4/-10dB sensitivity switch, pre-volume Monitor bus, post-volume Aux (EFX) bus, balance control, Peak LED and volume control
- Stereo tape record/playback port with flexible routing options (to main mix, to control room)
- Control Room/headphones output with selectable inclusion/exclusion of the Aux (EFX) bus signal
- Main output with 60mm fader and 2x5 LED level meter
- TriCore DSP effects with stereo output, 24-Bit converters and 16 algorithms: Flanger, Chorus, MonoDelay, PingPong Delay, Plate Reverb, PrePlate Reverb, Room Reverb, Hall Reverb, Spring Reverb, VocalDetune, Reverb+MonoDelay, Reverb+PingPong-Delay, Reverb+Chorus, Reverb+Flanger, Reverb+VocDoubler, Rotary
- All DSP effects available in 16 parameter variations
- Effect Tap-tempo alignment where applicable
- Signal/Peak indicator and effects return control for effects processor
- Internal USB stereo replay/record soundcard
- External power supply for lowest hum and high dynamics, connected via locking connector
- Full metal case
- CE/ROHS compliant



## TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.007%  
 SNR | Mic In to Main Out.....>85dB  
 Preamp Noise (EIN 150Ω source).....-114 dB  
 Residual Output Noise.....<-95dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-70dB  
 AC IN.....220-250V~ 50Hz-60Hz (12.5W)  
 Dimensions.....W372xD255xH60mm  
 Weight.....2.60 kg  
 (without PSU, PSU = 0.55kg)

## LOGISTICS DATA

Order Number.....2009501  
 Single unit EAN-13.....5060502920881  
 Single Carton size.....525x120x310mm  
 Single Carton gross weight.....4.10kg  
 Units per master carton.....4  
 Master carton size.....550x505x340mm  
 Master carton gross weight.....17.35kg

## CONCEPT

The Hill Audio LMD-1402FX-U desktop live mixer is the next step up for small bands who want dedicated monitoring. 8 microphone channels with quality preamps, 3-band EQ, monitor bus, effects bus, pan and volume control; 2 stereo input channels with effects bus, balance and volume control, and a versatile Record/Playback port plus a control room output for prelistening/monitoring purposes. The LMD-1402FX-U also sports a sophisticated 3-core DSP effects processor, offering 16 highly useful algorithms which can be altered in their core parameter as well as aligned to the music tempo by a tap function. Additional convenience for digital recording and replay is added by the internal stereo replay/record USB soundcard. Being fed by an external symmetrical power supply which is connected to the mixer via a locking connector, this mixer delivers outstanding audio performance for bands on a budget.

### TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.007%  
 SNR I Mic In to Main Out.....>85dB  
 Preamp Noise (EIN 150Ω source):.....-114 dB  
 Residual Output Noise.....<-88dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-65dB  
 AC IN.....100-250V~ 50Hz-60Hz (30W)  
 Dimensions.....W329.0xD338.0xH102 mm  
 (without plastic side panels or rack ears)  
 Weight.....4.6 kg

### LOGISTICS DATA

Order Number.....2011901  
 Single unit EAN-13.....5060502920522  
 Single Carton size.....425x385x170mm  
 Single Carton gross weight.....6.5kg  
 Units per master carton.....3  
 Master carton size.....535x400x450  
 Master carton gross weight.....20.6kg

### CONCEPT

The LMD-1602FX-C-USB is all an aspiring band needs in a single compact desktop mixer. 4 mic/line channels with low noise microphone stages, switchable phantom power and built-in one-knob compressor provide a proper feed for acoustic input signals. 2 mic/line stereo channels and 2 line stereo channels, all balanced, cater for a multitude of stereo line level sources. Eventually 2 unbalanced stereo inputs, either RCA or 3.5mm TRS, allow mobile players to be added for backing tracks or pause background music. For the latter, this input channel sports a new “exclusive” function which leaves only this channel open but mutes all other input channels – perfect to switch between “performance” and “break” times by just a flip of a switch! A musical 3-band equalizer and a 2-Bus AUX system (1 pre, 1 post) complete the channel features. The post AUX bus is connected to the internal digital effects processor with 16 algorithms in 16 variations, a large LED display indicating the choice. Last but not least, a 7-band equalizer is assignable to either the master output or the AUX-pre (monitor) output, for the perfect tonal tuning when required. A USB stereo record/replay interface allows to either record the performance directly to a connected PC or play backing tracks from a PC. Barely any other mixer in this class offers the features and practicability at the same affordability as the LMD-1602FX-C-USB



### FEATURES

- 4 Mono mic/line inputs, 2 mono mic/stereo line and 2 stereo line inputs each with gain control, 75Hz highpass filter, 3-band shelving EQ, 2 AUX busses, pan/balance control and peak LED
- Additional insert jacks and one-knob-compressors for the 4 mono mic/line inputs
- Dedicated 2-Track input channel with selectable input source (2 TRK Input, 3.5mm Mini TRS AUX or internal USB audio replay)
- EXCLUSIVE function for 2-Track channel to mute all other channels - perfect for background music during the band's break
- MUTE function for all channels
- 60mm faders for level control in all channels
- Switchable +48V phantom power for microphone inputs
- One AUX bus fixed post-fader (assigned to internal effects), one AUX bus fixed pre-fader (Monitor)
- Post-fader AUX return re-routable to Monitor AUX send
- TriCore DSP 24-Bit stereo effects processor with LED display and footswitch control. 16 algorithms with 16 variations per algorithm. Tap tempo function.
- Stereo tape record/playback port with flexible routing
- USB stereo soundcard for replay and recording
- Headphones output with dedicated volume control
- Main output with 60mm fader and 2x10 LED level meter
- 7-Band stereo graphic EQ, assignable to the Main output or AUX1 (Monitor)
- Internal switch mode power supply
- Full metal case with detachable plastic side panels and mountable metal rack ears (included)
- CE/ROHS compliant



## CONCEPT

The LMR-1202FX is one of the most compact fully-featured mixing console available and with its 19" / 3U form factor a perfect fit for mobile band sound systems or advanced sub-mixing tasks. 8 mono channels with dual line/mic inputs and high-headroom preamps are complemented by 2 stereo channels. With one of the latter equipped with a 3.5mm stereo socket, extended convenience for connection of mobile players is granted. All inputs sport gain controls, 2-Band EQs, 2 AUX busses and Pan/Balance controls, plus a smooth 60mm volume fader. One of the two AUX busses is routed pre-fader as a monitor bus, the other post-fader and connected to the internal effects processor. This processor provides 16 highly useful digital effects in 16 variations each with 24-bit conversion quality, and makes the LMR-1202FX an affordable and portable all-in one sound mixing solution with a superb 20dB headroom to its all-analog signal path.

## FEATURES

- 8 wide-gain dual-input Mic/Line input channels with high-headroom preamps
- 2 Stereo Line input channels (1x frontside 3.5mm TRS jack)
- Gain control with Peak-LED, 2-band EQ, 2 AUX, pan/balance control and 60mm fader per channel
- Switchable +48 V phantom power for microphone inputs
- One AUX bus fixed post-fader (assigned to internal effects), one AUX bus fixed pre-fader (Monitor)
- TriCore DSP 24-Bit stereo effects processor with LED display. 16 algorithms and 16 variations each. Tap tempo function.
- Signal/Peak indicator and effects return control for effects
- CD/Tape input assignable to Main mix or Control Room/Phones
- Stereo tape record/playback port with flexible routing
- Headphones output with dedicated volume control and separate rear-side control room output
- Balanced XLR main output with 60mm fader and 2x4 LED level meter
- Internal wide-voltage swing switch mode power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- CE/ROHS compliant



## TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.01%  
 SNR | Mic In to Main Out.....>90dB  
 Preamp Noise (EIN 150Ω source):.....-114 dB  
 Residual Output Noise.....<-95dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-65dB  
 AC IN.....100-250V~ 50Hz-60Hz (25W)  
 Dimensions.....W483xH133.0xD162.0mm  
 Weight.....3.75 kg

## LOGISTICS DATA

Order Number.....2010601  
 Single unit EAN-13.....5060502920638  
 Single Carton size.....535x255x185mm  
 Single Carton gross weight.....4.5kg  
 Units per master carton.....2  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....10.2kg

## TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.007%  
 SNR I Mic In to Main Out.....>85dB  
 Preamp Noise (EIN 150Ω source):.....-114 dB  
 Residual Output Noise.....<-95dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-70dB  
 AC IN.....100-250V~ 50Hz-60Hz (30W)  
 Dimensions.....W355.0xD412.0xH103.0 mm  
 (without plastic side panels or rack ears)  
 Weight.....5.5 kg

## LOGISTICS DATA

Order Number.....2008801  
 Single unit EAN-13.....5060502920782  
 Single Carton size.....453x170x490mm  
 Single Carton gross weight.....7.5kg  
 Units per master carton.....2  
 Master carton size.....470x360x510mm  
 Master carton gross weight.....16.1kg

## CONCEPT

The Hill Audio Multimix LMR-1204FX-C-USB is a 19"-rackable live mixing desk following the 30-year Multimix family tradition, and is the entry-level subgroup-fitted model. It comprises everything required for a small live event: 4 mono channels with low-noise microphone inputs cater for acoustic sources, where the one-knob compressors make dynamics management easy and the 3-band EQs with semi-parametric mids allow for perfect tonal adjustments. 4 stereo input channels provide connections for a variety of other sources, two of these also fitted with 3.5mm TRS inputs in case the desk needs to be temporarily converted to a DJ console. The subgroups grant a structured approach to the mixdown. 2 AUX busses are provided, one of them routable pre-/post-fader for monitor or effects purposes, and the other routed postfader to the internal effects processor. This effects processor sports a large LCD display for clear readout and allows to edit up to 3 parameters per algorithm for extended effects flexibility. A USB audio interface for basic stereo replay and recording completes this comprehensive mixer concept.



## FEATURES

- 4 mono mic/line inputs with gain control, one-knob compressor, 75Hz highpass filter, 3-band semiparametric EQ, 2 AUX busses, pan control and peak LED
- 4 stereo Line inputs with gain control, 4-band shelving EQ, balance control and peak LED
- 3.5mm Mini TRS stereo inputs in two stereo channels
- 60mm faders for level control in all channels
- All mic channels with insert jack
- Channels assignable to Master (LR) or the subgroups
- 2 Subgroups with external outputs, assignable to Master L or R, 60mm fader per subgroup
- Switchable +48V phantom power for microphone inputs
- One AUX bus fixed post-fader (assigned to int. effects), one AUX bus switchable pre/post
- Post-fader AUX return re-routable to Monitor AUX send
- TriCore DSP 24-Bit stereo effects processor with LCD display, external output and footswitch control. 15 algorithms in 6 groups, editable in up to 3 parameters per algorithm. Tap tempo function.
- Stereo tape record/playback port with flexible routing
- USB stereo soundcard for replay and recording
- Control Room/headphones output with selectable source
- Main output with 60mm fader and 2x10 LED level meter
- SOLO function for channels and AUX send, PFL/AFL
- Internal switch mode power supply
- Full metal case with detachable plastic side panels and mountable metal rack ears (included)
- CE/ROHS compliant

## FEATURES

- 8 mono mic/line inputs with gain control, one-knob compressor, 75Hz highpass filter, 4-band semiparametric EQ, 4 AUX busses, pan control and peak LED
- 2 mono Mic/stereo Line inputs with gain control, 4-band shelving EQ, balance control and peak LED
- 2 stereo Line inputs with gain control, 4-band shelving EQ, balance control and peak LED
- 3.5mm TRS stereo inputs in 2 stereo channels
- 60mm faders for level control in all channels
- All mic channels with insert jack
- Channels assignable to Master (LR) or subgroup pair 1+2 or subgroup pair 3+4
- 4 Subgroups with external outputs, assignable to Master L or R, 60mm fader per subgroup
- Switchable +48V phantom power for microphone inputs
- Two AUX busses fixed post-fader (one assigned to internal effects), two AUX busses switchable pre/post
- Post-fader AUX returns re-routable to Monitor AUX send
- TriCore DSP 24-Bit stereo effects processor with LCD display, external output and footswitch control. 15 algorithms in 6 groups, editable in up to 3 parameters per algorithm. Tap tempo function.
- Tape record/playback with flexible routing
- USB stereo soundcard for replay and recording
- Control Room/headphones output with selectable source
- Master with 60mm fader and 2x15 LED meter
- SOLO for channels and AUX send, PFL/AFL
- Internal switch mode power supply
- Full metal case with detachable plastic side panels and mountable metal rack ears (included)
- CE/ROHS compliant



The Hill Audio Multimix LMR-2442-FXC-USB is a 19"-rackable live mixing desk comprising everything required for medium-sized events. One-knob compressors in the 8 mic/line inputs make dynamics management easy, and the 3-band EQs with semi-parametric mids allow precise tonal adjustments. 4 stereo input channels provide connections for a variety of other sources, two of these also fitted with 3.5mm TRS inputs in case the desk needs to be temporarily converted to a DJ console. 4 subgroups grant a structured approach to the mixdown. 4 AUX busses are available, two of them pre/post-fader switchable for either effects or monitoring purposes, and two post-fader routed for effects purposes. One of the post-fader AUX busses is routed to the sophisticated internal effects processor which features a larger LCD clear text display and up to 3 editable parameters per algorithm. The comprehensive monitoring and solo facilities help to make the operation transparent and intuitive. A USB audio interface for basic stereo replay and recording completes this comprehensive mixer concept, making the LMR-2442-FXC-USB a true descendant of the original Multimix range.

## TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.007%  
 SNR | Mic In to Main Out.....>85dB  
 Preamp Noise (EIN 150Ω source).....-114 dB  
 Residual Output Noise.....<-88dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-65dB  
 AC IN.....100-250V~ 50Hz-60Hz (35W)  
 Dimensions.....W443.0xD412.0xH103.0 mm  
 (without plastic side panels or rack ears)  
 Weight.....7.05 kg

## LOGISTICS DATA

Order Number.....2008301  
 Single unit EAN-13.....5060502920805  
 Single Carton size.....545x170x490mm  
 Single Carton gross weight.....8.25kg  
 Units per master carton.....2  
 Master carton size.....560x360x510mm  
 Master carton gross weight.....18.35kg

## CONCEPT

## TECHNICAL DATA

Frequency response (Mic In @ -20 dB):  
 Mic In to Main Out.....10Hz-22kHz +0-1dB  
 THD (Mic In @ -20 dB).....0.007%  
 SNR | Mic In to Main Out.....>85dB  
 Preamp Noise (EIN 150Ω source):.....-114 dB  
 Residual Output Noise.....<-85dB  
 CMRR (Maximum Gain).....>50dB @ 1kHz  
 Crosstalk (adjacent channels).....-65dB  
 AC IN.....100-250V~ 50Hz-60Hz (45W)  
 Dimensions.....W710.0xD412.0xH103.0 mm  
 (with plastic side panels)  
 Weight.....9.80 kg

## LOGISTICS DATA

Order Number.....2012101  
 Single unit EAN-13.....5060502920812  
 Single Carton size.....760x490x180mm  
 Single Carton gross weight.....11.20kg  
 Units per master carton.....1  
 Master carton size.....785x515x200mm  
 Master carton gross weight.....12.70kg

## CONCEPT

The Hill Audio Multimix LMR-3242FX-C-USB is a live mixing desk and all-in one solution for medium-sized events or recordings with many sources. One-knob compressors in the 16 mic/line inputs make dynamics management easy, and the 3-band EQs with semi-parametric mids allow precise tonal adjustments. 4 stereo input channels provide connections for a variety of other sources, two of these also fitted with 3.5mm TRS inputs in case the desk needs to act as a “DJ type” console. 4 subgroups grant a structured approach to the mixdown. 4 AUX busses are available, two of them pre/post-fader switchable for effects or monitoring purposes, and two post-fader routed for effects purposes. These two post-fader AUX busses are also routed to the sophisticated internal dual effects processor which features a large LCD clear text display and up to 3 editable parameters per algorithm, and which is capable of generating two completely independent effects at the same time. The comprehensive monitoring and solo facilities help to make the operation transparent and intuitive, and the in-built talkback section allows flawless communication with artists. A USB audio interface for basic stereo replay and recording completes this comprehensive mixing console.



## FEATURES

- 16 mono mic/line inputs with gain control, one-knob compressor, 75Hz highpass filter, 4-band semiparametric EQ, 4 AUX busses, pan control and peak LED
- 2 mono Mic/stereo Line inputs with gain control, 4-band shelving EQ, balance control and peak LED
- 2 stereo Line inputs with gain control, 4-band shelving EQ, balance control and peak LED
- 3.5mm TRS stereo inputs in 2 stereo channels
- 60mm faders for level control in all channels
- All mic channels with insert jack
- Channels assignable to Master (LR) or subgroup pair 1+2 or subgroup pair 3+4
- 4 Subgroups with external outputs, assignable to Master L or R, 60mm fader per subgroup
- Switchable +48V phantom power for microphone inputs
- Two AUX busses fixed post-fader (both assigned to one internal effect each), two AUX busses switchable pre/post
- Post-fader AUX returns re-routable to Monitor AUX send
- Dual TriCore DSP 24-Bit stereo effects processor with LCD display, external output and footswitch control. Each 15 algorithms in 6 groups, editable in up to 3 parameters per algorithm. Tap tempo function.
- Tape record/playback with flexible routing
- USB stereo soundcard for replay and recording
- Control Room/headphones output with selectable source
- Master with 60mm fader and 2x15 LED meter
- SOLO for channels and AUX send, PFL/AFL
- 7-Band stereo graphic EQ, assignable to the Main output or AUX1 (Monitor)
- Talkback section with internal microphone
- Internal switch mode power supply
- Full metal case with detachable plastic cheeks
- CE/ROHS compliant

# Digital Processors

Built on algorithms precisely modeling acoustic processes, and employing advanced signal converters plus user-friendly control surfaces, our digital audio processors fulfill the more complex demands of audio signal handling.





## CONCEPT

## TECHNICAL DATA

Signal/Noise...>95dBu (unwgt'd 22Hz-22KHz)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 12W  
 Dimensions.....W483xH44.5xD162.0mm  
 Weight.....2.20 kg

## LOGISTICS DATA

Order Number.....2014201  
 Single unit EAN-13.....5060502921277  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.7kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....11.7kg

The DPF-2000 is a DSP effects processor specifically targeting live sound applications, where the ease of finding a suitable effect - and the option to quickly adjust it to the exact needs - are the two most decisive issues. The DPF-2000 purposely omits the complexity and remote control options of a studio processor; instead it focuses on the most intuitive and simple approach to usability. 25 presets provide an excellent starting point for almost any effect in need, and depending on the effect, up to 3 parameters can be altered. Alterations are stored and will hence be still available after power cycling. Great emphasis has been put on tap tempo implementation for effects where the time base requires so. All settings are easily made with the help of the large backlit LCD display. Dry/wet ratio settings as well as the input and output levels are separately adjustable for the two internal processors. Despite its simplicity, the sound quality of the DPF-2000 is up to par with many studio effects processors, offering vast processing power based on an 8-core DSP and precise signal conversion with Cirrus Logic™ converters which deliver 24-bit resolution at 96kHz sampling rate.

## FEATURES

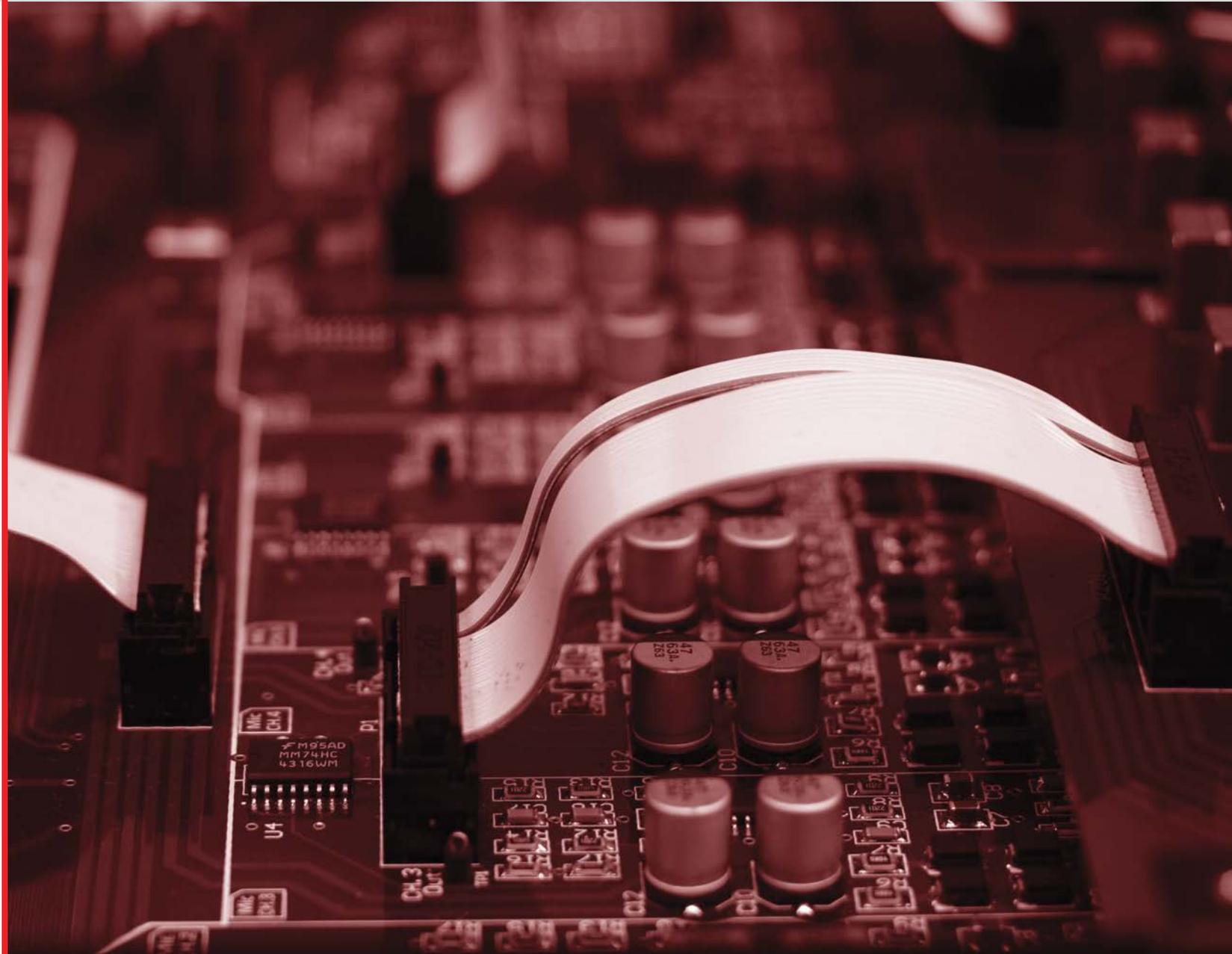
- Dual DSP effects processor with 8-core DSP for sufficient processing power
- 4MB signal memory for dense reflections and long reverb times
- Two independent stereo effects with mono input/stereo output per effect processor (balanced TRS)
- Signal conversion by Cirrus Logic™ CS5343 ADCs and CS4344 DACs with 24Bit/96kHz resolution
- 25 basic presets (see table), alterable in up to 3 parameters; alterations are memorized
- Tap tempo with big rubber front button for applicable effects, backlight LED indicates tempo
- Large backlit LCD display with effects' clear-text readout and parameter editing indicators
- Input gain, dry/wet mix control and output volume control per effect, directly accessible on front
- Input overload indicators for correct level setting
- Backlit buttons for good visibility in dark environments
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

■ Group 1: Modulation	
11	Chorus
12	Flanger
13	Phaser
14	Tremolo
■ Group 2: Delay	
21	Delay
22	Echo
■ Group 3: Natural Reverb	
31	Room 1
32	Room 2
33	Chamber
34	Theatre
35	Hall
36	Church
■ Group 4: Special Reverb	
41	Plate
42	Spring
43	Gated
■ Group 5: Detune/Pitch	
51	Detune
52	Pitch Shifter
53	Dual Pitch Shifter
■ Group 6: Combined Effects	
61	Dual PitchShifter+Delay
62	Del+Chorus
63	Rev+MonoDel
64	Rev+PingPongDel
65	Rev+Chorus
66	Rev+Flanger
67	Rev+VocDoubler



# Analog Processors

Preserving the highest audio headroom and providing true real-time processing at the most affordable cost, our range of analog audio processors is a default choice for sound systems of any size and complexity.





### CONCEPT

### TECHNICAL DATA

Signal/Noise...>95dBu (unwgted 22Hz-22KHz)  
 Crosstalk Damping.....>70dB (Line)  
 THD.....<0.01% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 15W  
 Dimensions.....W483xH44.5xD162.0mm  
 Weight.....2.46 kg

The RPS-1620 is a compact rack-mountable mixer with 8 stereo line input channels, perfectly suited as a submixer for stereo sources such as keyboards, sound modules and electronic drum kits. Due to its fully servo-balanced inputs, it works equally well in installed sound systems where balanced signals from greater distance need to be combined. Last but not least it doubles as a level translator between +4 and -10dB, between which every input can be switched. Each dual-input channel sports individual balance and level controls, plus a double-function mute button which uses the mute indicator LED as a clip indicator when the respective channel is not muted. An AUX/Monitor bus (pre volume) is provided for monitoring or effect processor interfacing, to which each channel can contribute with adjustable level. The master section features separate left/right master volume controls and a master AUX send control, which can also be sent to the built-in headphone monitor section. Given its affordability and the high-headroom of 20dB due to the fully analog design, this mixer is a problem solver with almost unlimited applications.

### LOGISTICS DATA

Order Number.....2013901  
 Single unit EAN-13.....5060502920584  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.95kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....12.7kg

### FEATURES

- Multi-purpose sub/monitoring/summing-mixer and level translator
- 8 balanced stereo line inputs (dual 1/4" TRS)
- Dedicated balance and level controls plus +4/-10 level selection per channel
- AUX control (pre-volume) per channel with master send control for monitoring or effects
- Dual-use "mute" button per section with clip indication
- AUX Send signal assignable to phones output
- 2x7-segment LED level meters
- Individual level control for left and right main mix signal
- Balanced 1/4" TRS main mix outputs
- 3.5mm TRS headphones output on the front panel with dedicated level control
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant





### CONCEPT

The RPM-6600 is a versatile combination of a 6-in-2 mixer and a 2-in-6 splitter, while it also provides a handy way of adjusting levels or impedances by acting as a buffered level translator from -10 dBV to +4 dBu or vice versa. It offers 6 identical input/output sections with level control, panpot/balance control and 8-LED level meter each. Every section can be configured with a switch to either work as an input for a mix available at the master output, or as a splitter output from a master signal fed to the master input. In a mixer application, the main input section can be used as two additional inputs which makes the unit effectively sporting up to 8 inputs in mixer configuration. The versatility of this unit spans applications from sub-mixing of keyboards in a stage sound system to zone signal splitting in commercial sound systems. The broad range of applications also makes the RPM-6600 a useful problem solver in the vaults of any rental company.

### FEATURES

- 6 mono input/output sections with level control, pan/balance control, 8-LED level meter and split/mix function switch
- Balanced XLR input/output connectors for sections 1/2/3/4
- Balanced TRS input/output connectors for sections 5/6
- Each section can operate independently in mixer or splitter mode
- Inputs work in mix configuration also as buffered level converters between -10 dBV and +4 dBu
- 1 balanced XLR stereo input with level control and 4-LED level meter
- 1 balanced XLR stereo output with level control and 4-LED level meter
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

### TECHNICAL DATA

Signal/Noise... >92dBu (unwgt'd 22Hz-22kHz)  
 Crosstalk Damping... >65dB (Line)  
 THD... <0.01% (Line)  
 Frequency response... 20Hz – 20 kHz  
 AC IN ..... 115V/230~ 50/60Hz  
 Power consumption... max. 20W  
 Dimensions..... W483xH44.5xD162.0mm  
 Weight..... 2.36 kg

### LOGISTICS DATA

Order Number..... 2013001  
 Single unit EAN-13..... 5060502920539  
 Single Carton size..... 535x255x90mm  
 Single Carton gross weight..... 2.9kg  
 Units per master carton..... 4  
 Master carton size..... 560x285x390mm  
 Master carton gross weight..... 12.3kg





### CONCEPT

### TECHNICAL DATA

Max Output Power per channel:  
 (load impedance 100 Ω).....+21 dBm  
 Signal/Noise.....>90dBu (unwgt'd 22Hz-22KHz)  
 THD.....<0.01% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115/230V~ 50/60Hz  
 Power consumption.....max. 30W  
 Dimensions.....W483xH44.5xD170.0mm  
 Weight.....2.72 kg

The RPH8000 is an 8-way headphones amplifier designed to improve signal monitoring in studio recording and live sound. With two independent stereo main inputs and a dedicated direct input in each channel, individual artist can obtain a customized monitoring mix, providing a perfect condition for the best performance. The unit sports eight high-power amplifiers that can drive loads down to 8 Ohms, and can hence provide abundant power to every headphone available. Each amplifier section features an 8-digit output level meter, a Main-In-1/Main-In-2 selection switch, a stereo or dual mono selector switch, and a TRS direct input for connecting an additional sound source. As outputs, each section offers a TRS output on both the rear panel and the front panel. In the main input section, a dedicated 5-segment level meter and separate main level adjustments for the two inputs complete the feature set. Whether for studio sessions or as a pre-mixer for in-ear monitoring, the RPH8000 is an indispensable tool for recording and live sound professionals alike.

### LOGISTICS DATA

Order Number.....2013101  
 Single unit EAN-13.....5060502920546  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....3.22kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....13.8kg

### FEATURES

- 8 independent stereo high-power amplifier sections in one rack space
- 8 independent direct inputs provide up to 8 individual stereo mixes from any sound source
- Output level control and 8-digit output level meter per channel
- 2 stereo main inputs for two independent mixes, accessible from all 8 output channels
- Input level control and 5-digit input level meter
- Mono/stereo switch per output section for more flexibility
- 1 front and 1 rear TRS phones connector per channel
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant





### CONCEPT

The RPX-2300 is a stereo 2-way/mono 3-way active crossover, designed for better sound and protection by multi-amping a sound system. With a flip of the rear side switch, the unit can be configured either in stereo 2-way or mono 3-way mode, while the front panel status LEDs visualize which control has which function assigned. The incoming signal is divided into relative frequency bands via precise Linkwitz-Riley filters, which sport seamlessly adjustable crossover frequencies, and offer best driver protection by their steep 24dB/Octave slope. For further protection, 25 Hz Low Cut filters are provided to eliminate inaudible high-energy bass content. The unit also offers an independently-adjustable subwoofer output, providing an extra low-frequency band in a control range from 10-235 Hz – making it effectively a 3-way stereo or 4-way mono active crossover. Mute and Phase Invert switches for all outputs make troubleshooting a breeze. Compared to digital loudspeaker management systems, the RPX-2300 is not only more affordable, it also offers greater ease-of-use and a full 20dB signal headroom that only an analog processor can provide.

### FEATURES

- Stereo 2-way/Mono 3-way active crossover
- Linkwitz-Riley filters with 24 dB/octave slope; flat summed amplitude response, zero phase difference
- Crossover frequencies adjustable in two switchable ranges: 44 to 930 Hz and 440 Hz to 9.3 kHz
- Additional mono subwoofer output with independent crossover frequency control (10-235 Hz)
- Individual output level controls for all bands
- Individual output mute switches for all bands
- Individual phase reverse switches for all bands
- Switchable 25 Hz low cut filter in each input
- Balanced XLR connectors for all inputs and outputs
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

### TECHNICAL DATA

Signal/Noise.....>91dBu (unwgt'd 22Hz-22kHz)  
 Crosstalk Damping.....>92dB  
 THD.....<0.01% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 20W  
 Dimensions.....W483xH44.5xD162.0mm  
 Weight.....2.30 kg

### LOGISTICS DATA

Order Number.....2013201  
 Single unit EAN-13.....5060502920560  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.8kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....12.1kg





### CONCEPT

### TECHNICAL DATA

Signal/Noise...>88dBu (unwgted 22Hz-22KHz)  
 Crosstalk Damping.....>92dB  
 THD.....<0.01% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 23W  
 Dimensions.....W483xH44.5xD162.0mm  
 Weight.....2.30 kg

The RPX-3400 is a stereo 2/3-way | mono 4-way active crossover, designed for better sound and protection by multi-amping a sound system. With a flip of the rear side switch, the unit can be configured either in stereo 2/3-way or mono 4-way mode, while the front panel status LEDs visualize which control has which function assigned. The incoming signal is divided into relative frequency bands via precise Linkwitz-Riley filters, which sport seamlessly adjustable crossover frequencies, and offer best driver protection by their steep 24dB/Octave slope. For further protection, 25 Hz Low Cut filters are fitted in both inputs to eliminate inaudible high-energy bass content, and limiters on all outputs are provided with central threshold control. LF driver misalignment is easily accounted for by the adjustable delay control, and the typical roll-off of constant directivity horns can be counteracted with a switchable filter. To make the best use of centrally located subwoofers, the LF outputs can be summed via the "LF SUM" function, making sure that in-phase signals from all subs deliver extra gain. Mute and Phase Invert switches for all outputs make troubleshooting a breeze. Compared to digital loudspeaker management systems, the RPX-3400 is not only more affordable, it also offers greater ease-of-use and a full 20dB signal headroom that only an analog processor can provide.

### LOGISTICS DATA

Order Number.....2014301  
 Single unit EAN-13.....5060502920829  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.8kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....12.1kg

### FEATURES

- Stereo 2-way/3-Way/Mono 4-way active crossover
- Linkwitz-Riley filters with 24 dB/octave slope; flat summed amplitude response, zero phase difference
- Low/Mid Crossover frequencies adjustable in two switchable ranges: 44 to 930 Hz and 440 Hz to 9.3 kHz; Mid/High frequencies adjustable 440 Hz to 9.3 kHz
- Adjustable time delay for phase alignment between drivers
- "LF Sum" function for mono subwoofer operation
- Individual Limiters on every output
- Individual output level controls for all bands
- Individual output mute switches for all bands
- Individual phase reverse switches for all bands
- CD horn equalization (+3 dB at 3.5 kHz, 6 dB/Oct. boost up to 22.5 kHz)
- Switchable 25 Hz low cut filter in each input
- Balanced XLR connectors for all inputs and outputs
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant





### CONCEPT

The RPQ-2150 is a 2x15 band stereo graphic EQ and as such the tool of choice to adapt a sound system to a given location or listening requirement. With every sound system offering a different tonal balance and every room providing different acoustic properties, certain frequencies might need boosting or attenuation to balance the sound, and this is what this unit does in perfection. In addition to the 2x15 frequency bands which allow adjustment in either a  $\pm 6$  dB or  $\pm 12$  dB range, a 25Hz low-cut filter allows removal of very low-frequency content such as rumble and hum to preserve precious amplification headroom and keep the bottom end clear and punchy. As extra features, a basic active crossover is built-in which allows the direct connection of a subwoofer system, and the PeakID system visually warns of energy accumulations in certain frequency bands which indicate the danger of feedback. Unlike digital EQs, the RPQ-2150 works on a full +20dB maximum level range and hence offers superior headroom. Its usefulness makes this unit is an invaluable improvement to any professional sound system.

### FEATURES

- 2/3 Octave stereo graphic equalizer
- Adjustment from 20 Hz to 16 kHz in 15 bands (ISO frequencies)
- Switchable adjustment range  $\pm 6$  dB or  $\pm 12$  dB
- PeakID feedback alert system visually indicates critical frequencies and can also be used as audio analyzer
- Additional mono subwoofer output with adjustable crossover frequency (30 - 200 Hz)
- Switchable 25Hz low-cut filter
- Input gain controls for each channel (-15 dB to +15 dB)
- 4-digit output meter for each channel
- Bypass-switch for every channel
- Balanced inputs and outputs with 1/4" TRS and XLR connectors
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

### TECHNICAL DATA

Signal/Noise... >92dBu (unwgt'd 22Hz-22kHz)  
 Crosstalk Damping..... >65dB (Line)  
 THD..... <0.01% (Line)  
 Frequency response..... 20Hz – 20 kHz  
 AC IN ..... 115V/230V ~ 50/60Hz  
 Power consumption..... max. 20W  
 Dimensions..... W483xH44.5xD162.0mm  
 Weight..... 2.30 kg

### LOGISTICS DATA

Order Number..... 2013301  
 Single unit EAN-13..... 5060502920553  
 Single Carton size..... 535x255x90mm  
 Single Carton gross weight..... 2.8kg  
 Units per master carton..... 4  
 Master carton size..... 560x285x390mm  
 Master carton gross weight..... 12.1kg





## CONCEPT

## TECHNICAL DATA

Signal/Noise...>95dBu (unwgted 22Hz-22KHz)  
 Crosstalk Damping.....>85dB (Line)  
 THD.....<0.01% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 20W  
 Dimensions.....W483xH44.5xD162.0mm  
 Weight.....2.40 kg

## LOGISTICS DATA

Order Number.....2013401  
 Single unit EAN-13.....5060502920577  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.9kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....12.5kg

The RPD-2200 is dual dynamics processor which can operate as two independent single units or as linked units for stereo signal treatment. It covers all dynamic processing requirements in studio recording and live sound from compression over noise reduction to peak limiting and even offers specialty processing such as de-essing, contour filtering of low frequencies, dynamic enhancement to counteract high frequency loss, and a "warmth" function to add extra harmonic sonic content to the signal. To keep the use of the vast possibilities intuitive, some of the settings can be automated at the user's choice, like the "auto-knee" function which offers program-adaptive compression to combine the advantages of hard and soft-knee compression, and the "auto-time" function which sets suitable attack- and release times automatically. For further clarity, all signal levels and gain reductions are visually displayed by precise LED meters. Being fully analog, the RPD-2200 works on an impressive 20dB headroom which sets it far apart from anything a digital dynamics processor could do. A side chain with switchable monitoring function completes the feature set of this truly versatile all-in-one dynamics "mastermind".

## FEATURES

- Dual dynamics processor with link switch for stereo operation
- Manual compressor setting for threshold (-40 | +20 dB), ratio ( $\infty:1$  | 1:1), attack (0.3 | 300 ms) and release (0.05 | 5 s)
- Switchable "Auto-Knee" program-adaptive compression circuitry
- Switchable "Auto-Time" setting of attack and release times
- De-Esser section with switchable voice gender (female: 8.6 kHz, male: 7.5 kHz) and variable level reduction (max. 15dB)
- Expander/gate section with interactive ratio, variable threshold (off to +10dB), switchable release time (slow: 100 msec/1 dB, fast: 100 msec/100 dB)
- Switchable dynamic enhancer to compensate for high frequency loss by boosting content above 2.5kHz
- Switchable Warmth function for added harmonic content
- Switchable LowContour filter
- Automatic peak limiting section
- Side chain input with switchable monitor function
- 12-segment LED meters for in/out levels and gain reduction
- Dedicated Threshold and De-Esser level displays
- Balanced inputs and outputs with 1/4" TRS and XLR connectors
- Relay-based bypass function with failsafe mode
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant





## CONCEPT

The RPR-1000 is the all-in one solution for today's recording artist, who requires sophisticated analog processing before conversion into the digital domain. It combines all functions of a legacy analog console with a standard set of outboard gear: a studio-grade, discrete mic preamp; an expander/gate; a compressor/limiter; a de-esser; and last but not least a 4-band equalizer with the two mid bands being fully parametric with adjustable frequency and Q factor. This way, a microphone input can be dynamically tampered with the full headroom of analog circuitry, and the sound can be shaped with the warmth only an analogue EQ can offer. In the dynamics section, some of the settings can be automated at the user's choice, like the "auto-knee" function which offers program-adaptive compression to combine the advantages of hard and soft-knee compression, and the "auto-time" function which sets suitable attack- and release times automatically. All signal levels and gain reductions are visually displayed by precise LED meters. A side chain with switchable monitoring function completes the feature set of this truly versatile studio-in-a-rack, which perfectly combines with a soundcard as a center piece of a recording setup.

## FEATURES

- Mono recording strip with Mic/Line switchable input
- Input phase inversion switch
- Discrete Mic preamp with conjugate transistor pair circuitry
- Switchable +48 V phantom power for mic input
- Fully tunable and switchable 12 dB low-cut filter
- Manual compressor setting for threshold (-40 | +20 dB), ratio ( $\infty:1$  | 1:1), attack (0.3 | 300 ms) and release (0.05 | 5 s)
- Switchable "Auto-Knee" program-adaptive compression circuitry
- Switchable "Auto-Time" setting of attack and release times
- De-Esser section with switchable voice gender (female: 8.6 kHz, male: 7.5 kHz) and variable level reduction (max. 15dB)
- Expander/gate section with interactive ratio, variable threshold (off to +10dB) and switchable release time (slow: 100 msec/1 dB, fast: 100 msec/100 dB)
- Switchable dynamic enhancer to compensate for high frequency loss by boosting content above 2.5kHz
- Switchable LowContour filter
- Compressor side chain input with switchable monitor function
- 12-segment LED meters for gain reduction and output level
- Dedicated Threshold and De-Esser level displays
- EQ section with fixed HF/LF cut/boost and two fully variable parametric mid frequencies with variable bandwidth (Q)
- Balanced inputs and outputs with 1/4" TRS and XLR connectors
- All switches with LED status indicator
- Internal wide voltage-swing linear PSU for excellent dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

## TECHNICAL DATA

Signal/Noise.....>90dBu (unwgt'd 22Hz-22KHz)  
 THD.....<0.05% (Line)  
 Frequency response.....20Hz – 20 kHz  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 20W  
 Dimensions.....W483xH44.5xD162.0mm  
 Weight.....2.40 kg

## LOGISTICS DATA

Order Number.....2014501  
 Single unit EAN-13.....5060502921253  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.9kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....12.5kg



## FEATURES

- Compact desktop analog passive monitor volume controller
- 2-Channel simultaneous signal attenuation
- Large rotary volume attenuation control
- Mute button
- Mono button
- Completely transparent operation
- No power required
- 2 x Combo inputs (balanced and unbalanced)
- 2 x TRS outputs (balanced and unbalanced)
- 1 x Mini jack I/O (unbalanced)
- Signal path completely balanced
- Full metal case
- CE/ROHS compliant

## TECHNICAL DATA

Dimensions.....W141.0xD91.0xH70 mm  
 Weight.....0.45 kg

## LOGISTICS DATA

Order Number.....2014701  
 Single unit EAN-13.....5060502921284  
 Single Carton size.....190x140x100mm  
 Single Carton gross weight.....0.7  
 Units per master carton.....8  
 Master carton size.....400x300x225mm  
 Master carton gross weight.....6.5kg



## CONCEPT

The CMC-100 passive balanced monitor controller is the indispensable tool for every music producer working with a pair of active powered studio monitors, which mostly have their volume controls inconveniently located at their back side. This forces the use of the master volume control in the DAW software for attenuation, which is a bad choice since it reduces the audio bit depth. It is much more suitable to keep the software masters at unity and attenuate the audio to the active monitors with a passive controller like the CMC-100. This way maximum audio resolution is maintained and the monitoring volume is attenuated with the confidence that the sonic integrity of the signal is not compromised. The CMC-100 does not contain active circuitry, buffers, transistors, batteries, or power supplies which could interfere with the signal quality. It is simply connected between the computer audio interface/soundcard master outputs and the active (powered) monitor speakers, and keeps the signal path purely passive while carrying the balanced inputs forward to the outputs – the guarantee for absolutely no sound deterioration. Additional Mini TRS (3.5mm) connections add flexibility to the setup, and the dedicated Mono and Mute switches permit advanced signal control. The practicability and affordability of this unit make it a must-have accessory in any computer recording environment!

# Audio Interfaces

Bringing the sonic complexity of analog signals precisely into the digital domain requires exact conversion and seamless data transport - both of which our audio interfaces are experts in.



## TECHNICAL DATA

Mic input impedance:.....2.70 kOhm  
 Mic input gain: -0.5 to -44 dBu FS @600 Ohm  
 Mic input frequency response:  
 .....+0/-0.2 dB (20Hz to 20kHz)  
 Mic dynamic range (@ max gain):  
 .....75 dB (A-weighted)  
 Mic input THD&N (1kHz@max gain):  
 .....-73dB=0.022%  
 Instr. Hi/LoZ input imp.:...220 kOhm/10 kOhm  
 Instr. input LoZ gain:.....+12.6 /-30.8 dBu FS  
 Instr. input HiZ gain:.....-1.8 /-45.3 dBu FS  
 Instr. input frequency response:  
 .....+0/-0.3 dB (20Hz-20kHz)  
 Instr. input dyn. range (@ max gain):  
 .....73 dB (A-weighted)  
 Instr. input THD&N (1kHz@max gain):  
 .....-70 db = 0.032%  
 Line O/P max. level/imp:..12.9 dBu / 110 Ohm  
 Headphone Output power/impedance:  
 .....20 mW in 16/32 Ω  
 Sampling rates:.....44.1 kHz / 48 kHz / 96 kHz  
 Dynamic range ADC (24 Bit):.....102 dB  
 Dynamic range DAC (24 Bit):.....104 dB  
 Dimensions:.....W157.5xH49.0xD131.5mm  
 Weight:.....0.45 kg

## LOGISTICS DATA

Order Number.....2011801  
 Single unit EAN-13.....5060502920942  
 Single Carton size.....260x255x90mm  
 Single Carton gross weight.....0.75kg  
 Units per master carton.....4  
 Master carton size.....390x285x280mm  
 Master carton gross weight.....3.75kg



## CONCEPT

Trying to capture musical ideas as a digital recording is a challenging task - within a limited budget, and with a quality that lives up to professional expectations, the UAI-2210 USB audio recording interface suits the job. Offering two input channels with studio-grade mic-preamps and a true 48V phantom power supply, it provides full dynamics and best sonic transparency from any microphone. High and Low input impedance switching equally allows direct recording of instruments. Independent of the choice of input signals, they are converted into the digital domain by reference-class AKM AK5358 converters, delivering up to 24Bit/96kHz conversion resolution. The supplied ASIO driver allows low-latency audio data transmission to and from the PC. The replay stream from the PC is converted back to the analog domain by AKM AK4430 converters and can both be monitored by speakers connected to the rear outputs or by headphones connected to the front output jack. A direct monitoring feature routes the input signals directly to the speaker/headphones outputs and thus allows to judge on the signal quality without involvement of the connected PC. A MIDI interface completes the comprehensive feature set of this carefully designed but keenly priced recording interface.

## FEATURES

- 2 dual-source mono inputs
- Each input switchable between Microphone and Instrument/Line sensitivity
- Each microphone input with dedicated XLR jack and studio-grade microphone preamplifier
- True 48V phantom power for full microphone dynamic range
- Each Instrument/Line input with dedicated TRS jack and switchable input impedance (High/Low)
- Each input with wide-range gain control and peak LED
- Analog-to-digital conversion via AKM AK5358 converters with up to 24Bit/96kHz resolution for recording
- Digital-to-analog conversion with AKM AK4430 converters with up to 24Bit/96kHz resolution for replay
- Rear-side dual TRS monitor speaker output
- Front-side TRS monitor headphones output
- Direct monitor function routes inputs directly to outputs
- Industry-standard XMOS USB audio interface chipset with low-latency ASIO driver
- MIDI in/out interface
- Completely USB bus-powered (no external power supply)
- Bundling options available on request
- Metal case with plastic side cheeks (rack mount kit optional)
- CE/ROHS compliant



# Digital Sources

Whether portable USB memory, bluetooth transmission, terrestrial radio or web-based replay, our digital media sources are open for many program origins and thus provide the flexibility needed by commercial sound system operators.





## CONCEPT

## TECHNICAL DATA

Audio formats (local replay):.....MP3  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 10W  
 Dimensions.....W195.0×H50.0×D131.0mm  
 (with plastic side cheeks)  
 W180.0×H42.0×D114.2mm  
 (without plastic side cheeks)  
 Weight.....0.90 kg

## LOGISTICS DATA

DMP-230V2B (with Bluetooth module)  
 Order Number.....2003311  
 Single unit EAN-13.....5060502920966  
 Single Carton size.....260x255x90mm  
 Single Carton gross weight.....1.16kg  
 Units per master carton.....4  
 Master carton size.....390x285x280mm  
 Master carton gross weight.....5.34kg

Designed to add MP3 file replay and FM radio reception to any professional audio system, the DMP-230V2 sports intuitive use, excellent audio quality and the added value of an in-built jingle player with scheduling. The latter allows to insert jingles (like advertisements, etc.) either at the touch of a button or in certain time intervals into the running program. A large LCD provides clear status information and read-out of MP3 file names and RDS radio text, and an included IR remote control provides additional convenience in daily use. Packed in a rugged metal case with stylish plastic side cheeks, the DMP-230V2 can be operated stand-alone or mounted into a 19" rack by means of the optional rack kit (not included). Also available with additional built-in Bluetooth module as DMP-230V2B.

## FEATURES

- Media player/tuner with file/folder access for USB thumbdrives/SD cards up to 16GB/2000 songs
- FAT32 file system
- MP3 file name readout on large LCD display
- Regular and random play sequence
- Elapsed/remain time mode
- FM tuner mode with RDS station display
- 10 self-programmable radio station presets
- Jingle player with up to 3 jingles and additional scheduled play mode
- IR remote for media player transport functions, FM stations and volume control
- Balanced (XLR) and unbalanced (RCA) output
- Output level setting on rear panel
- Low-noise linear power supply
- Full metal case with plastic side cheeks (rack mount kit optional)
- CE/ROHS compliant
- Available as:  
 DMP-230V2 without Bluetooth module  
 DMP-230V2B with Bluetooth module



**IRC-A Remote control** (included)  
 Spare part order number:  
 2003321





## CONCEPT

The DMW-300V2 is the chameleon of program sources for commercial sound systems, and can work as a stand-alone media player, as a network media player playing files from the network via UPnP, as an internet radio and also as a terrestrial radio receiver for analog FM Radio with RDS readout. LAN connections can be made via LAN or via WiFi if an optional WiFi dongle is inserted into the provided rear-side USB socket. Including connection to the comprehensive Skytune server portal, the DMW-300V2 offers access to thousands of well categorized internet radio stations from around the world, which makes it one of the most worry-free background music sources available, with the right tunes for every environment. Great emphasis has been put on the ease of operation, with all programming and set-up functions being not accessible to the common user, thus removing complexity from daily use and making a once done setup permanent. The detailed graphics display and the included IR remote control further enhances the comfort of operation of this truly versatile unit.

## FEATURES

- Media player with stand-alone mode and LAN replay via UPnP, folder and playlist support
- Playable file formats MP3, WMA, FLAC, AAC, WAV and OGG
- Play mode for local or UPnP file replay settable to sequential or shuffle
- Repeat mode for local or UPnP file replay settable to: none – one – all
- MP3 ID3 tag readout on display
- Internet Radio receiver with access to Skytune server portal with thousands of categorized stations
- Embedded web server for internet radio station preset editing
- Optional Wifi connectivity via external WiFi dongle (not included)
- Terrestrial FM receiver with RDS readout and auto-scanning for station presets
- Jingle Player to insert jingles into running program material
- 128x64 pixels backlit graphics LCD display
- IR remote control included
- Balanced (XLR) and unbalanced (RCA) output
- Output level setting on rear panel
- Full metal case with brushed aluminum front panel and detachable rack ears
- Delivered with rack-mount set for single or double unit (compatible with all DM series products)
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

## TECHNICAL DATA

Streaming formats.....HTTP, MMS, RTSP  
 Audio formats (local replay):  
 .....MP3, WMA, FLAC, AAC, WAV, OGG  
 AC IN .....115V/230~ 50/60Hz  
 Power consumption.....max. 12W  
 Dimensions.....W483xH44.5xD162.0mm  
 Weight.....2.30 kg

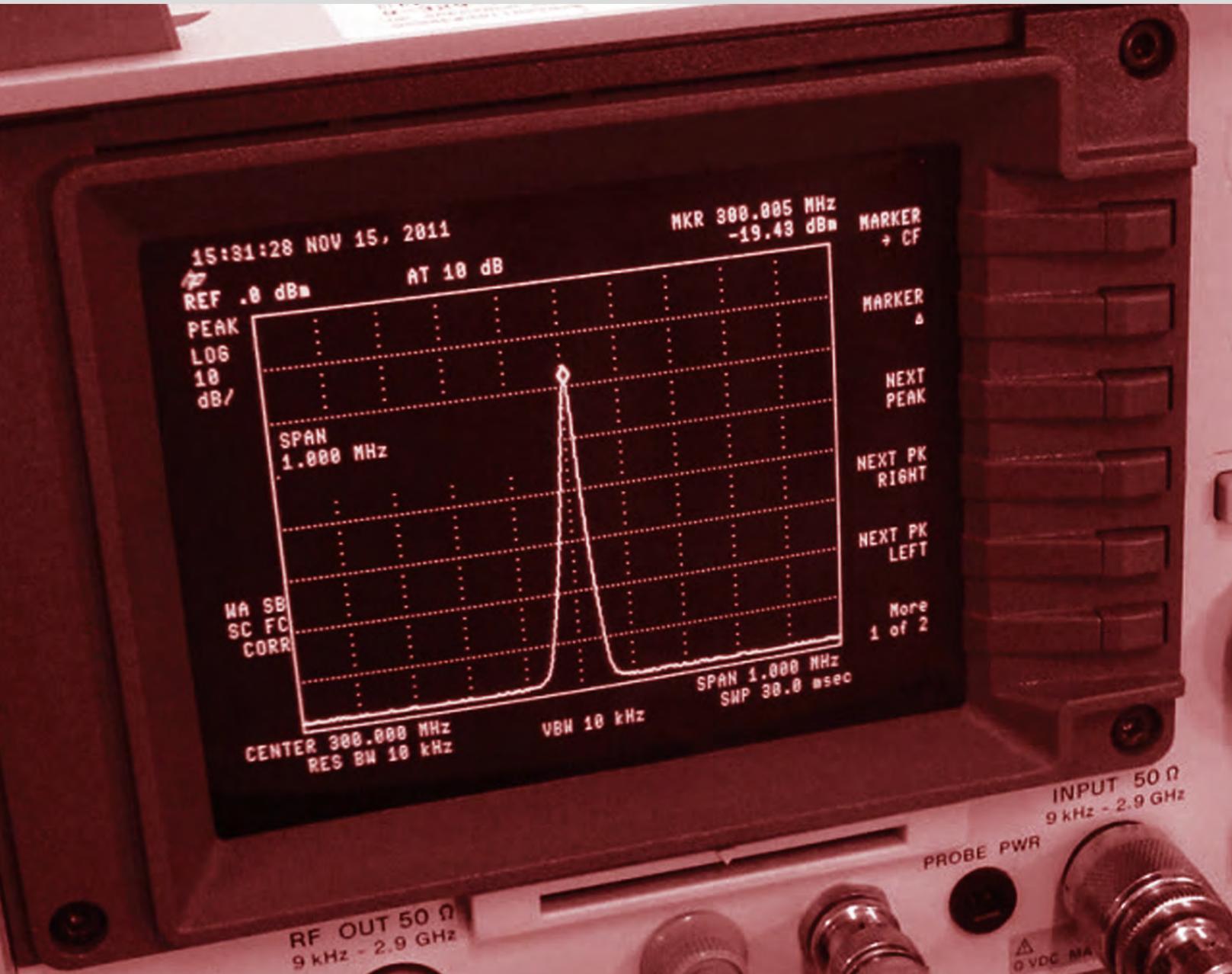
## LOGISTICS DATA

Order Number.....2007511  
 Single unit EAN-13.....5060502920980  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.8kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....11.9kg



# Wireless Microphones

Precisely tuned state-of-the-art RF circuitry and carefully designed compander stages provide the basis for untainted, low-interference radio transmission of microphone signals. A range of models caters for basic and more sophisticated wireless audio applications.



## FEATURES

- 4 parallel radio links in one compact system
- UHF technology, ISM band 863-865 MHz (others on request)
- Carrier frequencies: Red 863.01, Yellow 863.42, Green 864.30, Blue 864.99MHz (others on request)
- Modular receiver for increased interference suppression, each module with Power/RF/Audio LED indicators and volume controls
- Twin detachable front antennas (non-diversity)
- Maximum line-of-sight range 50m
- Individual (XLR) or mixed (6.35 mm TRS) audio output(s)
- Supplied with 4 colour coded transmitters
- 3 configuration types available:
  - 4x handheld (H4B0)
  - 4x belt-pak (H0B4)
  - 2x handheld & 2 belt-pak (H2B2)
- Receiver powered by external power supply (included)
- Transmitters with impact-proof plastic housing
- Transmitters powered by 2xAA batteries (10h operation)
- Belt-pak transmitter with 3-pin Mini XLR input, supplied with headband or tieclip lavalier microphone
- 19"/1U rack-mountable metal cabinet with detachable rack ears
- CE (R+TTE)/ROHS compliant



The WMU-401 is the perfect entry-level system into advanced UHF wireless technology if several wireless microphones are needed at the same time. Utilizing the ISM band to its maximum of 4 parallel systems, a frequency choice becomes obsolete due to the required minimum band gap. The WMU-401 comes in a sturdy and optionally rackmountable metal case, and can be configured in a variety of possible setups with any mix of handheld and belt-pak transmitters, the latter either with headset or tieclip lavalier microphone. The modular construction provides enhanced interference protection and greatest ease of service.

## TECHNICAL DATA

Frequency response.....60Hz–18 kHz  
 Signal/Noise.....>105dB  
 AC IN.....AC220-250V~ 50Hz  
 Receiver Dimensions/Weight WxHxD  
 .....483.6x44.0x225.0mm/2.8kg  
 Handheld TX Dimensions/Weight  
 .....D48xL243mm, 238g  
 Belt-pak TX Dimensions/Weight  
 .....H205xW68xD25mm, 76g

## LOGISTICS DATA

WMU-401H4B0  
 Order Number.....1100301  
 Single unit EAN13: 5060502920218  
 WMU-401H0B4  
 Order Number.....1100311  
 Single unit EAN13: 5060502920225  
 WMU-401H2B2  
 Order Number.....1100321  
 Single unit EAN13: 5060502920232  
 Single Carton size..527x288x120mm  
 Single Carton gross weight.....2.8kg  
 Units per master carton.....6  
 Master carton size:558x556x403mm  
 Master carton gross weight....17.8kg

## CONCEPT

## TECHNICAL DATA

Frequency response.....60Hz–18 kHz  
 Signal/Noise.....>105dBAC  
 IN.....AC220-250V~ 50Hz  
 (other supply voltages on request)

Receiver Dimensions/Weight WxHxD  
 .....210.0x44.0x195.0mm/0.95kg  
 Handheld TX Dimensions/Weight  
 .....D48xL250mm, 334g  
 Beltpak TX Dimensions/Weight  
 .....H83.0xW61.0xD23.0mm, 75g

## LOGISTICS DATA

WMU-116H1B0 (Handheld Transmitter)  
 Order Number.....1100801  
 Single unit EAN13.....5060502921192

WMU-116HOB1 (Beltpak Transmitter)  
 Order Number.....1100811  
 Single unit EAN13.....5060502921208

Single Carton size.....340x340x74mm  
 Single Carton gross weight.....1.85kg  
 Units per master carton.....10  
 Master carton size.....700x400x360mm  
 Master carton gross weight.....19.5kg



The WMU-116 is the entry into the professional level of wireless microphones, offering switching diversity which enhances reception stability. The 16 available frequencies are conveniently arranged in groups of 3-4 presets, making sure that interference-free channel combinations are instantly available. Frequency changes are fast with IR synchronization between receiver and transmitter, avoiding accidental changes by the microphone user. The large LCD display and the intuitive settings make operation a breeze. Both transmitters and receivers are housed in rugged cabinets and the transmitters utilize low-power circuitry for extended battery life.

## CONCEPT

## FEATURES

- UHF wireless microphone system, ISM band 863-865 MHz (others on request)
- 16 selectable carrier presets, in 6 groups of interference free combinations
- Fine-Tune mode with 0.025 MHz frequency grid (80 channels)
- IR frequency synchronization between receiver and transmitters
- Maximum line-of-sight range 50m
- CE (R+TTE)/ROHS compliant

### Receiver:

- Large backlit LCD display with indications for Group/Channel/RF/AF
- Front-side volume control
- Twin detachable rear antennas with switching (antenna) diversity
- XLR balanced (mic level) and 6.35 mm unbalanced TRS (line level) outputs
- Supplied with matching transmitter, Handheld (H1B0) or Beltpak (HOB1)
- Powered by external power supply (included)
- Half 19"/1U full metal case

### Transmitters:

- Handheld type (WMU-116TH) in sturdy aluminum case with backlit LCD display
- Beltpak type (WMU-116TB) in impact-proof plastic housing, with backlit LCD display and 3-pin Mini XLR input
- Transmitters powered by 2xAA batteries (10h operation)



## CONCEPT

The WMU-216 is a dual version of the WMU-116 and offers the same features - from switching diversity, to 16 selectable channels in 6 interference-free preset groups, to the IR synchronization between transmitter and receiver. Each receiver has its own LCD display. Transmitters are the same rugged, low-power designs as with WMU-116. Additional TRS mix output with a 1:1 mix of the two receiver outputs.

## FEATURES

- Dual UHF wireless microphone, ISM band 863-865 MHz (others on request)
- 16 selectable carrier presets, in 6 groups of interference free combinations
- Fine-Tune mode with 0.025 MHz frequency grid (80 channels)
- IR frequency synchronization between receiver and transmitters
- Maximum line-of-sight range 50m
- CE (R+TTE)/ROHS compliant

### Receiver:

- Large backlit LCD display with indications for Group/Channel/RF/AF
- Front-side volume control per receiver
- Twin detachable rear antennas with switching (antenna) diversity
- Individual (XLR) or mixed (6.35 mm TRS) audio output(s)
- Supplied with matching transmitters, Handheld (H2B0) or Beltpak (HOB2)
- Powered by external power supply (included)
- Half 19"/1U full metal case

### Transmitters:

- Handheld type (WMU-116TH) in sturdy aluminum case with backlit LCD display
- Beltpak type (WMU-116TB) in impact-proof plastic housing, with backlit LCD display and 3-pin Mini XLR input
- Transmitters powered by 2xAA batteries (10h operation)



## TECHNICAL DATA

Frequency response.....	60Hz–18 kHz
Signal/Noise.....	>105dBAC
IN.....	AC220-250V~ 50Hz
	(other supply voltages on request)
Receiver Dimensions/Weight WxHxD	.....410.0x44.0x195.0mm/1.65kg
Handheld TX Dimensions/Weight	.....D48xL250mm, 334g
Beltpak TX Dimensions/Weight	.....H83.0xW61.0xD23.0mm, 75g

## LOGISTICS DATA

WMU-216H2B0 (2x Handheld Transmitter)	
Order Number.....	1100821
Single unit EAN13.....	5060502921215
WMU-216HOB2 (2x Beltpak Transmitter)	
Order Number.....	1100831
Single unit EAN13.....	5060502921222
Single Carton size.....	502x377x70mm
Single Carton gross weight.....	2.70kg
Units per master carton.....	5
Master carton size.....	525x400x380mm
Master carton gross weight.....	14.5kg

# Mobile Systems

For people on the move who need their sound system wherever they go, our TEMPO series of portable sound systems provide pristine sound, versatile source selection and wireless operation. Ideal for trainers, instructors and promoters.



## CONCEPT

The Tempo PMA1020 portable PA system is a completely self-contained mobile sound system which is battery-powered and hence set up in seconds even in environments far from any AC supply. The 10" woofer and a separate compression driver offer pristine sound quality also for music reproduction, an area of general weakness with other portable sound systems. Up to two internal wireless microphones offer a plurality of hosting and presentation possibilities, the internal media player offers comprehensive replay from USB media, and a compact internal mixer brings all desired sources together. Ultimate portability is facilitated by the internal microphone and accessory compartment, which provides storage space for up to two handheld transmitters, cables and antennas. The Tempo PMA1020 is a superior choice for all presenters, promoters, fitness instructors and anyone else who needs ultimate mobility but doesn't want to pass on Hill Audio's well reputed sound and built quality.

## TECHNICAL DATA

Transducers.....LF 10" woofer, HF 1" compression driver  
 Power (AC operation).....120W RMS  
 Power (Battery operation).....80W RMS  
 Frequency Response.....20Hz-20kHz  
 Dimensions.....425x625x360mm  
 Weight.....19.0kg  
 Batteries.....2x12V/5Ah Lead Acid  
 Operation time (Battery operation).....<12h

## LOGISTICS DATA

Order Number.....1302301  
 Single unit EAN-13.....5060502920157  
 Single Carton size.....435x370x640mm  
 Single Carton gross weight.....20.0kg  
 Units per master carton.....1  
 Master carton size.....Same as single carton  
 Master carton gross weight.....Same as single carton



## FEATURES

- 2-way active speaker system (10" woofer & 1" HF driver)
  - Sturdy molded PP cabinet with vented acoustic design
  - 120 Watts amplification power (@AC operation – 80W @ DC)
  - Battery-saving class D amplifier with thermal protection
  - 3-Input internal mixer (2xMic/Line mono + 1x Line stereo)
  - Stereo Line input switchable between internal media player, external RCA input or external 3.5mm TRS input
  - Master volume control and 2-Band EQ for master
  - Internal UHF wireless microphone receiver with 16 switchable channels (2nd receiver optional)
  - Handheld wireless UHF microphone transmitter with 16 switchable channels included (2nd optional)
  - Internal Reverb processor for microphone inputs
  - Internal media player with file/folder access for USB thumbdrives/SD cards up to 16GB/2000 songs, MP3 file name readout on large LCD display, regular and random play sequence, elapsed/remain time mode, and jingle player with up to 3 jingles and additional scheduled play mode
  - IR remote for media player
  - 24V high-capacity lead-acid battery system with 12h of cordless operation
  - Battery status indicator
  - Battery protection circuit
  - 35mm pole mount recess
  - 1.2mm steel grille
  - Two wheels and retractable pulling handle for trolley-like mobility
  - Internal compartment for 2 handheld transmitters
  - CE (R+TTE)/ROHS compliant
- Note:** Standard version is for the European ISM band (863-865 MHz). Other frequencies on special request.



### PMA-1020 ACCESORIES

#### WMU-16TH

This is an additional handheld transmitter matching the PMA-1020 mobile sound system, either as a spare or for adding a 2nd radio link. 16 UHF frequencies, IR auto-channel adjustment, cardioid dynamic capsule, advanced compander system, battery status indicator. Frequency range between 60Hz-16kHz. Powered by 2AA batteries, weight 275g, all-metal case.

#### WMU-16TB

This is an additional belt-pak transmitter matching the PMA-1020 mobile sound system, either as a spare or for adding a 2nd radio link. 16 UHF frequencies, IR auto-channel adjustment, 3-Pin Mini-XLR socket with phantom power for condenser capsules, advanced compander system, battery status indicator. Frequency range between 60Hz-16kHz. Powered by 2AA batteries, weight 90g, plastic case.

#### WMU-16RM

The WMU-16RM is a 16-Channel UHF Receiver Module for the Tempo PMA1020 system. It offers IR-based transmitter/receiver channel alignment, adjustable squelch, a 2-digit 7-Segment channel display and RF/AF indicator LEDs. Comes without antenna.



### BELTPAK MICROPHONES

#### MHS-300

A "sweat-proof" headset at a price in reach for any gym or fitness instructor. Equipped with a splash-proof miniature back electret condenser capsule with omni-directional directivity, and 1.2m cable with 3-pin Mini XLR plug. The headband is light weight, well fitting, and sweat-resistant, and sports an extra sweat-stop ring to protect the capsule. Sensitivity: 47dB (0dB=1V/PA at 1kHz), required bias voltage 1.0V-10V DC.

#### MHV-200

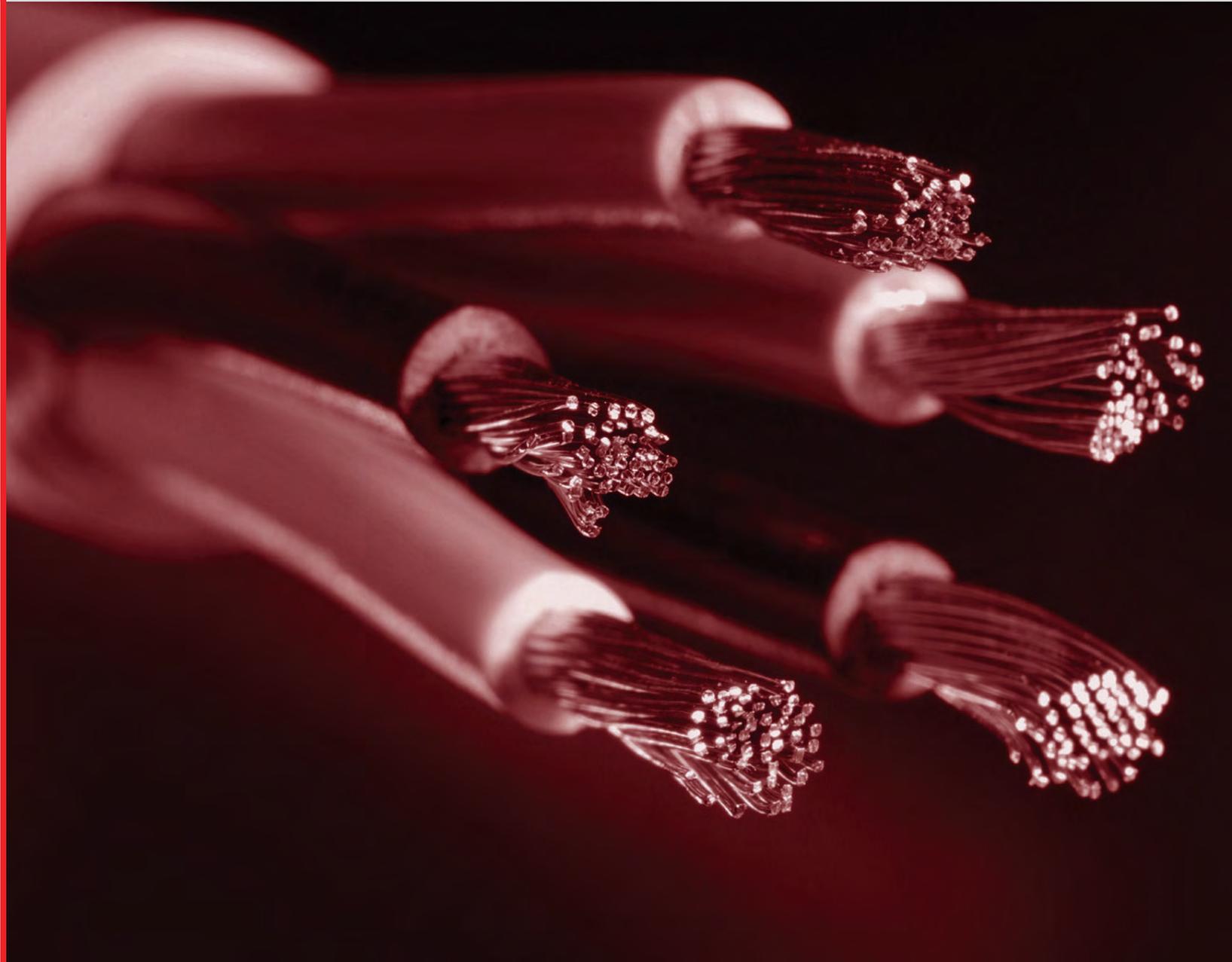
A voice-optimized headset microphone with uni-directional electret condenser capsule. Frequency response from 20 Hz - 20 KHz, sensitivity of - 44 dB (at 1 KHz,  $\pm 2$  dB). Connectivity is provided via a 3-pin Mini XLR connector, which also carries the required 5V phantom power for the capsule. Includes rugged cable and a foam windshield.

#### MLV-200

A voice-optimized lavalier microphone with cardioid electret condenser capsule and a 3-pin Mini XLR connector, which also carries the required 5V phantom power for the capsule. Includes rugged cable, tie clip and a foam windshield.

# Power Systems

Stable and reliable power provision with proper grounding is essential for both specified equipment performance and required electrical safety. Hill Audio power system products help to install correctly cabled and safe power systems.





## TECHNICAL DATA

Switched Outlets.....10 (2 groups 5 each)  
 Max. Output Current (per outlet/group)  
 .....5A (5A/8A)  
 Circuit Breaker.....15A  
 AC IN .....115-230V~ 50/60Hz  
 Power consumption.....max. 18W  
 Dimensions.....W483xH44.5xD150.0mm  
 Weight.....1.95 kg

## LOGISTICS DATA

Order Number.....2008921  
 Single unit EAN-13.....5060502920928  
 Single Carton size.....535x255x90mm  
 Single Carton gross weight.....2.72kg  
 Units per master carton.....4  
 Master carton size.....560x285x390mm  
 Master carton gross weight.....11.74kg

The RPL-1000V2 combines a power distribution system, a surge protector, a rack light and a USB power socket in one rack space, thus making it an indispensable tool for both installed and mobile sound systems. RFI/EMI filtering comes along with a 15 amp circuit breaker to protect equipment and ensure better performance due to cleaner AC supply to the 10 rear-panel IEC sockets. The front-panel volt meter helps understanding the AC grid condition meanwhile. Unlike old-fashioned racklights with prone-to-break-off pull-out bulb tubes, the racklight section of the RPL-1000V2 works with a fixed strip of daylight white LEDs, providing a smooth and evenly distributed downward light curtain which is adjustable in its brightness and virtually unlimited in its lifetime. Last but not least, the RPL-1000V2 solves the omnipresent challenge of providing power to a tablet or smartphone in an event environment by sporting a massive 2A of power at its USB charging socket to satisfy even the most power-hungry tablets.

## CONCEPT

## FEATURES

- Power distribution with single inlet and 10 switched, rear-side IEC C-13 Outlets
- Max. power per single outlet 5A, maximum power per group of 5 outlets 8A, maximum total output power 15A
- 15A resetable front-side circuit breaker
- RFI/EMI filter for AC outlets
- Triple-mode varistor spike and surge protection for AC outlets
- 3-digit digital AC voltage meter with 3% precision
- Main on/off switch
- Racklight section with full-width daylight white LED strip
- Dimmer for racklight with seamless brightness adjustment and on/off switch
- USB charger socket with 2A maximum current
- Full metal case with detachable rack ears
- IEC-C20 power inlet (self-mount C-19 plug included)
- Delivery including self-mount C-14 plugs
- CE/ROHS compliant





## CONCEPT

The RPP-5000V2 is a power sequencer which perfectly combines two key purposes - to limit the inrush current during powering up high-power devices in an audio system and to secure a predetermined power-up sequence to avoid audio pop noises. Since most high-power devices in audio systems are amplifiers, the RPP-5000V2 caters for these with three independent circuits fed by a PowerCon™ outlet each. With preceding processing equipment being supplied by two additional independent circuits, this brings the total number of circuits to five. These are powered up with 5 seconds time gap between each other, thus making sure to meet the purpose; for powering down, the inverse sequence is applied. The unit can be extended with a 2nd one if the number of connected devices requires so, and the power up/down sequence can also be initiated remotely by closing a contact pair. The RPP-5000V2 is designed to manage a single-phase 32A power line, which is connected directly to an internal terminal strip, and which is protected by an internal 32A MCB. Alternatively, the input cable gland can be replaced by a 32A PowerCon™ inlet (not included) for mobile applications.

## FEATURES

- 5 switched circuits, 3 on PowerCon™, 2 on Blocks of 3 IEC outlets each, with front-panel LED status indication
- Switch on sequence: IEC-A/B/PowerCON-C/D-E
- Reverse switch-off sequence
- Switch sequence time gap 5 seconds
- Key switch on front with on/off and "remote" position
- Remote control by an external switch connected to a rear-side 2-pole Phoenix connector.
- Front-side 32A MCB
- Extension option for a 2nd unit (slave). Connection via a standard 5-pin DIN (MIDI) cable. IEC outlet groups of both units power on together, the 3 PowerCon on the slave power on after the 3 PowerCon on the master.
- Single-phase 1x32A power input by internal terminal strip; external cable gland to secure cable.
- Input cable gland replaceable by optional 32A PowerCon™ inlet (not included)
- CE/ROHS compliant

## TECHNICAL DATA

Switched Outlets.....	9 (5 groups)
Switch sequence delay.....	5s
Max. Output Current (per outlet)	
.....	20A (PowerCon) / 5A (IEC)
Circuit Breaker.....	32A
AC IN .....	230V~ 50/60Hz
Power consumption.....	max. 10W
Dimensions.....	W483xH44.5xD162.0mm
Weight.....	2.45 kg

## LOGISTICS DATA

Order Number.....	2012621
Single unit EAN-13.....	5060502921260
Single Carton size.....	535x255x90mm
Single Carton gross weight.....	3.10kg
Units per master carton.....	4
Master carton size.....	560x285x390mm
Master carton gross weight.....	13.50kg



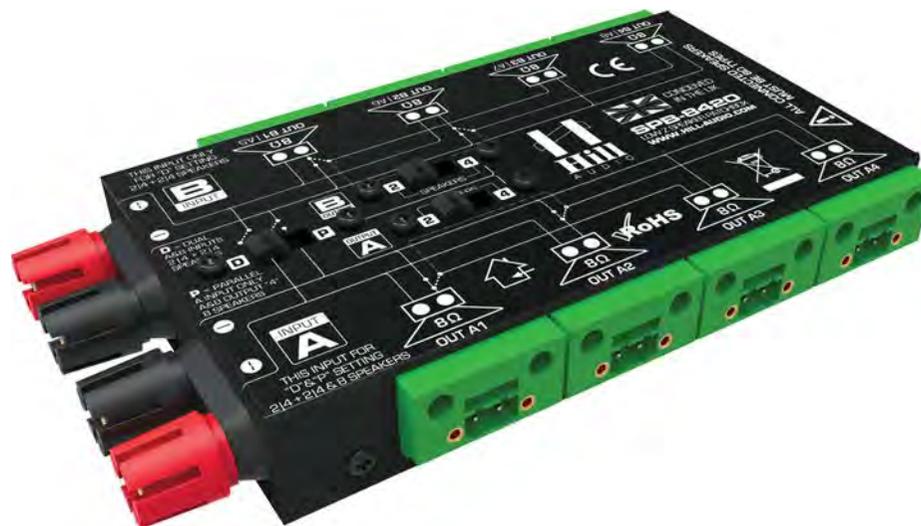
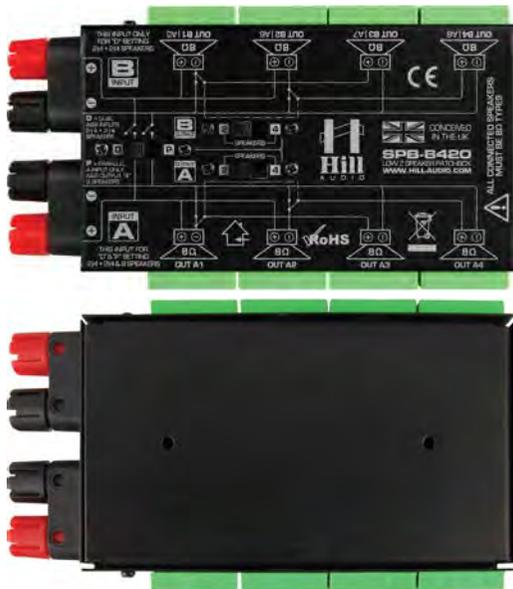
# Tools & Accessories

Installing and operating professional audio systems is easier, faster and more convenient with the right tools at hand.



## FEATURES

- Low Impedance Speaker Patch Box
- 2x Binding post inputs for 2.5 sqmm cables from a 4-Ohm capable amplifier output
- 8x 5.08mm speaker outputs on Phoenix-style terminals
- Designed for 8-Ohm speakers
- Output configuration settable by 3 slide switches, available configurations:
  - A: 2x2 speakers, load impedance 2x4Ω
  - B: 2x4 speakers, load impedance 2x8Ω
  - C: 1x8 speakers, load impedance 1x4Ω
- Terminal plugs for outputs supplied with unit
- No power supply required
- Simple wall or ceiling mounting
- Full metal case
- CE/ROHS compliant



## TECHNICAL DATA

Max. Power Handling.....2x100W or 1x200W  
 Speaker Impedance .....8 Ohms  
 Dimensions.....L175xH25xD95mm  
 Weight.....0.6 kg

## LOGISTICS DATA

Order Number.....2007901  
 Single unit EAN-13.....5060502920140  
 Single Carton size.....200x110x35mm  
 Single Carton gross weight.....0.75kg  
 Units per master carton.....8  
 Master carton size.....215x235x160mm  
 Master carton gross weight.....6.5kg

## CONCEPT

Many installed sound systems work with 4, 8 or a maximum of 16 speakers, and serve relatively limited areas of up to 300sqm, with the main target of music replay. Typical installations of this nature encompass retail shops, restaurants and bars. While 100V line systems are a possible choice for such applications, the required transformers can prove to be expensive while limiting audio bandwidth and causing saturation losses. A low impedance system is hence a viable alternative, and to reduce the complication of installation with required parallel and serial wiring, Hill Audio offers a solution with the SPB-8420. This low impedance speaker installation patch box takes away the hassle of determining the correct combination of parallel and series wiring, and also solves the problem of wire impedance load balancing by keeping the wire lengths, cross-sections and impedances the same for every connected speaker. The SPB-8420 is designed for the use with 8 Ohm speakers. The necessary configuration can be selected via 3 top-panel switches, and can be set between a stereo mode with either 2x2 or 2x4 speakers, or a mono mode with 8 speakers. For 16-speaker installations, the use of two units is required. The SPB-8420 is intended to be placed in the center of the speaker arrangement, with cables running from the driving amplifier into the input binding posts. Speakers are connected via 5.08mm Phoenix-style connectors, with the necessary plugs supplied with the unit. The unit is passive, requires no power supply and sports a mounting system for simple mounting on walls or ceilings. The SPB-8420 is the perfect solution for contractors who are determined to provide the best sound for an attractive cost by opting for a low-impedance system.

## TECHNICAL DATA

Dimensions.....W148xD216xH41mm  
 Weight.....1.20kg  
 Power supply.....2x9V (6LR61)



Transmitter Connectors



Receiver Connectors

## LOGISTICS DATA

Order Number.....2010801  
 Single unit EAN-13.....5060502921307  
 Single Carton size.....260x255x90mm  
 Single Carton gross weight.....1.55kg  
 Units per master carton.....4  
 Master carton size.....390x285x280mm  
 Master carton gross weight.....6.9kg

## CONCEPT

The Hill Audio CCT-800 is easily the most versatile cable tester available for pro audio purposes. It's in fact not only a cable tester, but depending on its setting also a phantom-power voltage tester, a test tone generator and a continuity tester. Being set to cable testing, it allows to test cables with 16 different connector types including all USB types, and - rare but useful - the rather new EtherCon™ type. The split design allows the two cable ends to be in separate locations by splitting the test transmitter and the test receiver. Leaving them attached offers an additional sync mode which allows to test cables with simultaneous send/receive sequence indication. Attaching and detaching receiver and transmitter is easy with the spring-loaded slide mechanism. Set to phantom power test mode, received phantom power voltage is displayed in 8 levels. Set to signal generation, 3 signal levels can be set. The beeper can be disengaged if required.

## FEATURES

- Split design with detachable transmitter and receiver parts (each with 9V battery supply)
- Receiver can be set to 3 different modes: Cable-Testing, Phantom-Power-testing, test tone generator
- Banana connectors on receiver for continuity test (beeper)
- Switchable beep function on receiver for detected short circuit
- Adjustable level in test tone generator mode (+4, -10, -50dB)
- Tests a multitude of cable and connector formats up to 8 pins in cable test mode with detached receiver and transmitter
- 8 x automatic LED test indicators for connection status in cable test mode and voltage level in phantom power test mode
- Additional sync mode via 3,5mm TRS connection for attached operation, allowing receiver to indicate sent and received sequence simultaneously with 2-color LEDs and highlighting deviations by beep
- Road-ready full metal construction
- Available connectors:  
 2 x DIN7/DIN5 (MIDI)  
 2 x RCA Phono  
 2 x TNC  
 2 x BNC  
 2 x Mini Jack  
 2 x RJ11  
 2 x EtherCon™/RJ45  
 2 x 1/4" (6.5mm) TRS  
 2 x 1/4" (6.5mm) TS  
 2 x XLR-3  
 2 x XLR-5 (DMX)  
 2 x Speakon 2/4/8  
 2 x Type A/Type B/Mini and Micro USB each





## CONCEPT

The RPK-2000 is a rackmount kit for “small box” Hill Audio products, both for 178mm width format (like DMP-230V2) and 140mm width format (like UAI-2210). It utilizes the mounting brackets included with the single products, and provides a stable and sturdy way of mounting them into a standard 19” rack. For the case of only one product to be rack-mounted, a blind panel is included to cover the other mounting aperture. The RPK-2200 is a simple and durable way of organizing rackspace to its best utilization. Screws for product mounting are included, rack mounting screws are not included.

## FEATURES

- 19”/1U rackmount kit
- Designed for Hill Audio “small box” products
- Accomodates for both 178mm and 140mm width products
- Requires brackets delivered with products
- Sturdy U-shaped design
- 2 mounting apertures
- Supplied with one blank panel
- Product mounting screws included
- Rack mounting screws excluded
- Full metal construction

## TECHNICAL DATA

Dimensions.....W483xH44.5xD30.0mm  
Weight.....0.35 kg

## LOGISTICS DATA

Order Number.....2003341  
Single unit EAN-13.....5060502921024  
Single Carton size.....535x60x60mm  
Single carton gross weight.....0.6kg  
Units per master carton.....9  
Master carton size.....560x200x200mm  
Master carton gross weight.....4.2kg

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