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ELECTRONICS

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2020/21

MECHANICS

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POPULATION

INSPECTION

TESTING

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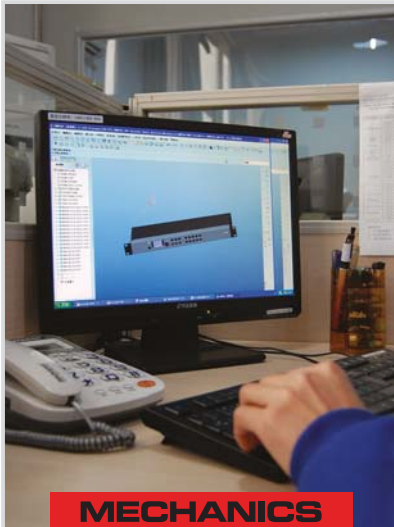
At Hill Electronics, we take pride in being an actual designer and manufacturer of a product, not just a brand trading products designed and made by subcontractors. This allows us to closely listen to customers, implement feedback into product designs, understand what makes or breaks a product and conduct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

Thank you for choosing Hill Electronics.

SMA-V2 Series (1020/1220/1520)

2-Way bi-amplified active speakers in 10"/12"/15" format

- Hybrid bi-amplified concept (class-D LF amp & class-AB HF amp)
- 2-Way vented cabinet with high-efficiency woofer / polyester diaphragm HF driver
- 4-Channel internal mixer with extra microphone and dual line inputs
- Tone adjustment and HPF for microphone input
- RCA & 3.5mm TRS for 1st stereo input, Dual TRS+HiZ-switch for 2nd stereo input
- 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
- Polypropylene (PP) enclosure with asymmetric main/monitor shape
- Pole mount for 35mm tripods, stacking points on top and bottom
- Steel woofer protection grille and 2 carrying handles
- CE/ROHS compliant

More information?

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Visit the website.

SWA-1510

Active Subwoofer with integrated active Crossover for 2.1 systems

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

More information?

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Visit the website.
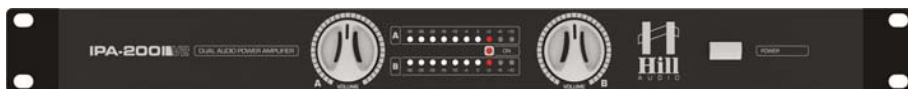
IPA-200V2

2-Channel LoZ installation power amplifier

- ■ Dual channel installation power amplifier
- ■ Two independent mono amplifier blocks with 80W@4Ohms / 50W@8Ohms 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
- ■ 2x10 LED 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

More information?
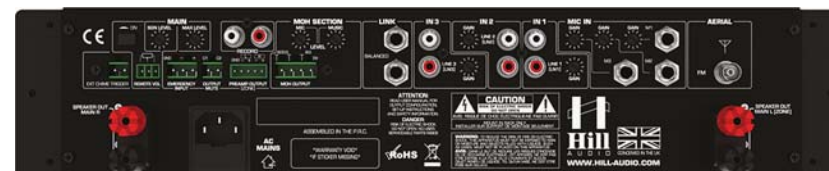[QR code]
Visit the website.

IMA-202V2 (B)

2-Channel LoZ wall-mounted media amplifier (B = Bluetooth option)

- ■ 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 or to two line inputs
- ■ Two amplifier blocks with RMS power of 80W@4Ohms / 50W@8Ohms each
- ■ Amplifier blocks can be assigned to master stereo signal or mono master/ mono zone
- ■ Noiseless convection cooling and over-temperature protection
- ■ Linear power supply with toroidal transformer (Internal AC mains setting 115/230V)
- ■ Internally selectable 80Hz high pass filter for every amplifier block
- ■ Binding post speaker outputs
- ■ Preamp output configurable: internal amp signal or zone signal
- ■ Isolated music-on-hold output with adjustable music/mic levels
- ■ Emergency priority input and output mute contacts
- ■ Full metal case with wall mounting holes
- ■ CE/ROHS compliant

More information?
[QR code]
Visit the website.

IMA-200V2 (B)

2-Channel LoZ installation media amplifier (B = Bluetooth option)

- 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 or to two line inputs
- Two amplifier blocks with RMS power of 80W@4Ohms / 50W@8Ohms each
- Amplifier blocks can be assigned to master stereo signal or mono master/ mono zone
- Noiseless convection cooling and over-temperature protection
- Linear power supply with toroidal transformer (Internal AC mains setting 115/230V)
- Internally selectable 80Hz high pass filter for every amplifier block
- Binding post speaker outputs
- Preamp output configurable: internal amp signal or zone signal
- Isolated music-on-hold output with adjustable music/mic levels
- Emergency priority input and output mute contacts
- Full metal case with detachable rack ears
- CE/ROHS compliant

More information?

Visit the website.

IMA-400V2 (B)

2-Channel LoZ installation media amplifier (B = Bluetooth option)

- 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, 5-LED meter and rear-side maximum level control
- Remote volume control option via external potentiometer
- Chime generator with volume, external trigger and user-loadable sound
- Zone section with separate volume control assignable to master or to two line inputs
- Two amplifier blocks with RMS power of 160W@4Ohms / 100W@8Ohms each
- Amplifier blocks can be assigned to master stereo signal or mono master/ mono zone
- Noiseless convection cooling and over-temperature protection
- Linear power supply with toroidal transformer (115/230V settable)
- Internally selectable 80Hz high pass filter for every amplifier block
- Binding post speaker outputs
- Preamp output configurable: internal amp signal or zone signal
- Isolated music-on-hold output with adjustable music/mic levels
- Emergency priority input and output mute contacts
- Full metal case with detachable rack ears

More information?

Visit the website.

VMA-1120

6-Input HiZ installation media mixer-amplifier

- 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
- Additonal 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
- High performance toroidal output transformer
- 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

More information?

Visit the website.

VMA-1240 (B)

6-Input HiZ installation media mixer-amplifier (B = Bluetooth option)

- 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 (optional)
- 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, 5-LED meter and rear-side maximum level control
- Remote volume control option via external potentiometer
- Chime generator with volume, external trigger and user-loadable sound
- Zone section with separate volume control assignable to master or to two line inputs
- Mono amplifier block with 240W@40 Ohms (100V)
- High performance toroidal output transformers for output and mains
- Silent fan cooling with temperature controlled speed
- Phoenix-compatible speaker output with security cover
- Isolated music-on-hold output with adjustable music/mic levels
- Emergency priority input and output mute contacts
- Full metal case with detachable rack ears
- AC mains voltage selector 115/230V

More information?

Visit the website.

IPM-1610V2

7-Input Mic/Line installation preamp

- 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 if 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

More information?

Visit the website.

IMM-2320V2 (B)

5-Input Mic/Line media preamp

- 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 if microphone is used
- Internal media player/tuner with file/folder access for USB thumbdrives 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 and 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; additional unbalanced record output
- 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
- 6.35mm headphone jack with volume control
- 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

More information?

Visit the website.

ZPR-2620V2

6+2-Channel 2-zone zoning mixer

- 6 stereo inputs with signal LED, rear-panel gain and front-panel level control
- 2 stereo channels switchable to microphone
- 1 balanced stereo input (FOH input) and 1 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 if 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
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

ZPR-2820V2

4x2+2-Channel 2-zone zoning mixer

- 4 dual-source stereo inputs (2xLine/Line, 2xPhono/Line) with 2-color signal/peak LED, front-panel gain control and 45mm smooth dual-rail input channel faders
- 1 balanced stereo input (FOH input) and 1 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 if microphone is used
- Two stereo output zones with zone-assignable 2x10LED level meter
- CascadeZone ©: Source for 2nd zone selectable from Input 1-3 or first zone signal
- 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
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

ZPR-3520V2

5+2-Input 3-Zone Zoner

- 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 and level setting per zone
- Two stereo output zones and one mono output zone, with 5-LED level meter and rear-side adjustable 2-Band EQ for each zone
- Volume control for every zone switchable between front-panel control and rear-panel connected external remote control panel (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
- Full metal case with detachable rack ears
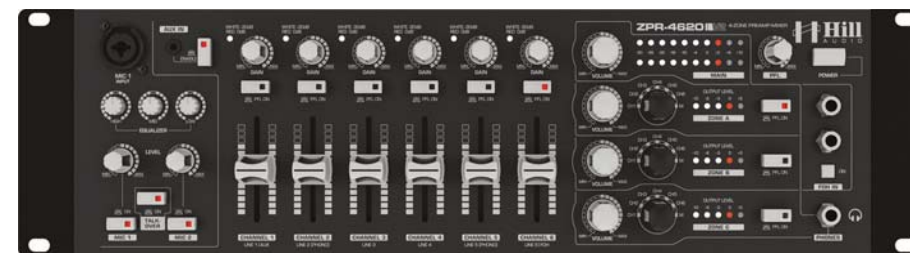- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

ZCP-10A
Passive Wall Remote

More information?

Visit the website.

ZPR-4620V2

6+2-Channel 4-zone zoning mixer

- 6 stereo input channels (4xLine, 2xPhono/Line) with 2-color signal/peak LED, gain control and 45mm dual-rail fader
- 1x Balanced stereo input (front & rear), plus 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 and "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 zones assignable to Inputs 1-6 or stereo master signal
- Each output zone with rear-side adjustable max. level control and 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

More information?

Visit the website.

Stereo Production Mixers

PSM-2220 | PSM-2420 | PSM-4530

PSM-2220

2x3+2-Input ultra-compact stereo mixer

- 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 and Blend/Split option
- Unbalanced record output
- Ultra-compact 95mm depth
- All switches with LED status indicator
- Internal wide-voltage swing linear PSU
- Full metal case with detachable rack ears
- AC mains selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

PSM-2420

4x2+2-Input rack format stereo mixer

- 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 and Blend/Split option
- Unbalanced record output
- All switches with LED status indicator
- Internal wide-voltage swing linear PSU
- Full metal case
- AC mains selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

PSM-4530

5x2+3-Input full format stereo mixer

- 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
- 1x 3.5mm stereo TRS input & 1x balanced stereo input Smooth dual-rail 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 crossfader
- Master with 2 separate outputs and assignable meter
- Balanced/unbalanced outputs (incl. main mono switch)
- Subwoofer out with integrated adjustable crossover
- Additional balanced mono zone output (with switchable 80Hz HPF), routable to master bus/CH5 line input
- All outputs with rear-side maximum level controls
- Adjustable (parallel) effects send/return for mic/main
- PFL section with PFL/Main mix and Blend/Split option
- 10-LED level meters for outputs
- Unbalanced record output
- All switches with LED status indicator
- Internal wide-voltage swing linear PSU
- Full metal case
- AC mains selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

LMD-502

1+2-in-2 mixer

- 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

More information?

Visit the website.

LMD-802

2+2-in-2 mixer

- 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

More information?

Visit the website.

LMD-1202FX

4+4-in-2 mixer with DSP effects

- 4 mono microphone inputs with wide-range gain control covering mic/line signals
- 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
- 4 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 routing options (to main mix, to control room)
- Control Room/headphones output with inclusion/exclusion of the Aux (EFX) bus signal
- Main output with 60mm fader and 2x5 LED level meter
- TriCore stereo DSP effects, 24-Bit converters / 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
- DSP effects with 16 parameter variations and tap-tempo
- Signal/Peak indicator and effects return control for effects processor
- External PSU for low hum and high dynamics, with locking connector
- Full metal case
- CE/ROHS compliant

More information?

[QR code]

Visit the website.

LMD-1402FX

8+2-in-2 mixer with DSP effects and USB interface

- 8 mono microphone inputs with wide-range gain control covering mic/line signals
- 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 routing options (to main mix, to control room)
- Control Room/headphones output with inclusion/exclusion of the Aux (EFX) bus signal
- Main output with 60mm fader and 2x5 LED level meter
- TriCore stereo DSP effects, 24-Bit converters / 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
- DSP effects with 16 parameter variations and tap-tempo
- Signal/Peak indicator and effects return control for effects processor
- Internal USB stereo replay/record soundcard
- External PSU for low hum and high dynamics, with locking connector
- Full metal case
- CE/ROHS compliant

More information?

[QR code]

Visit the website.

LMD-1602FX-C-USB

6+2-in-2 mixer

- 4 Mono mic/line inputs, 2 mono mic/stereo line and 2 stereo line inputs each with gain control, 75Hz HPF, 3-band EQ, 2 AUX busses, pan/balance control and peak LED
- Additional insert jacks and one-knob-compressors for the 4 mono mic/line inputs
- 2-Track input channel with selectable input (2 TRK, 3.5mm TRS or USB audio replay)
- EXCLUSIVE function for 2-Track channel to mute all other channels
- 60mm faders for level control in all channels, MUTE function for all input channels
- Switchable +48V phantom power for microphone inputs
- One post-fader AUX bus (assigned to int. effects), one AUX bus 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, switchable Main output /AUX1 (Monitor)
- Internal switch mode power supply
- Metal case with detachable plastic cheeks/metal rack ears (incl.)
- CE/ROHS compliant

More information?
Visit the website.

LMR-1204FX-C-USB

4+4-in-4/2 mixer

- 4 mono mic/line inputs with gain control, one-knob compressor, 75Hz highpass filter, 3-band semiparametric EQ, 2 AUX busses, pan control, insert jack and peak LED
- 4 stereo Line inputs with gain, 4-band shelving EQ, balance control and peak LED
- 3.5mm Mini TRS stereo inputs in two stereo channels
- Channels assignable to Master (LR) or the subgroups, master with 10-LED meter
- 2 Subgroups with external outputs, assignable to Master L or R
- 60mm faders for level control in all channels, subgroups and master
- Switchable +48V phantom power for microphone inputs
- One post-fader AUX bus (assigned to int. effects), one AUX bus switchable pre/post
- Post-fader AUX return re-routable to Monitor AUX send
- 24-Bits DSP stereo effects, LCD display, external output and footswitch control. 15 algorithms in 6 groups, 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
- SOLO function for channels and AUX send, PFL/AFL
- Internal switch mode power supply
- Metal case with detachable plastic cheeks/metal rack ears (incl.)
- CE/ROHS compliant

More information?
Visit the website.

LMR-2442FX-C-USB

10+2-in-4/2 mixer with DSP effects and USB

- ■ 8 mono mic/line inputs with gain control, one-knob compressor, 75Hz HPF, 4-band semiparametric EQ, 4 AUX busses, pan control, insert jack and peak LED
- ■ 2 mono Mic/stereo Line inputs with gain, 4-band EQ, balance control and peak LED
- ■ 2 stereo Line inputs with gain, 4-band EQ, balance, peak LED and 3.5mm TRS input
- ■ Switchable +48V phantom power for microphone inputs
- ■ 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 faders for level control in all channels, subgroups and master
- ■ 2 fixed post AUX busses (one to internal effects), 2 AUX busses switchable pre/post
- ■ Post-fader AUX returns re-routable to Monitor AUX send
- ■ 24-Bit stereo DSP effects, LCD display, external output and footswitch control. 15 algorithms in 6 groups, 3 editable parameters. Tap tempo function.
- ■ Tape record/playback with flexible routing
- ■ USB stereo soundcard for replay and recording
- ■ Control Room/headphones output with selectable source
- ■ SOLO for channels and AUX send, PFL/AFL
- ■ Master with 2x15 LED meter. Internal switch mode power supply.
- ■ Metal case with detachable plastic cheeks/metal rack ears (incl.)
- ■ CE/ROHS compliant

> More information?
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> Visit the website.
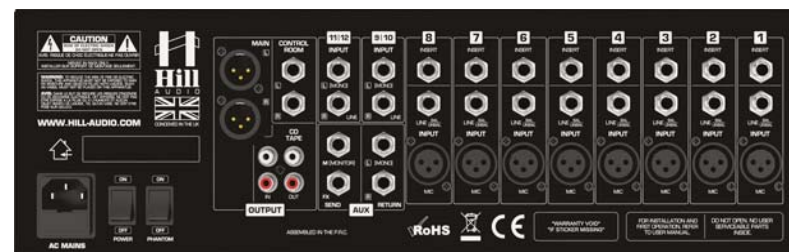
LMR-1202FX

8+2-in-2 mixer with DSP effects

- ■ 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, and pan/balance control
- ■ 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
- ■ 60mm fader per channel and master
- ■ Balanced XLR main output with 2x4 LED level meter
- ■ Internal switch mode power supply for excellent audio dynamics
- ■ Full metal case with detachable rack ears
- ■ CE/ROHS compliant

> More information?
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>
> Visit the website.

RPS-1620

8-Input stereo rack mixer

- 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 selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

RPM-6600

8-in-2 Mixer | 2-in-6 Splitter

- 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 selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

RPQ-2150

2x15-Band graphic EQ with peak ID

- 2/3 Octave stereo graphic equalizer
- Adjustment from 20 Hz to 16 kHz in 15 ISO bands
- Switchable adjustment range ±6 dB or ±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 (-15dB to +15dB)
- 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 selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

RPX-2300

Stereo 2-Way/Mono 3-Way Active Crossover

- 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 selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

RPX-3400

Stereo 3-Way/Mono 4-Way Active Crossover

- 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 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 driver phase alignment
- "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 selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

DPX-2600

2-IN-6 DSP Loudspeaker Management System

- 2 inputs and 6 outputs (analogue, XLR, balanced)
- User-defined routing of the inputs to the outputs
- VU meter with 6 LEDs per input and output
- Switchable mute function per output with control LED
- 10 PEQs with 8 types of filters (Bell, High Shelf, Low Shelf, Notch, Allpass, Band Pass, High Pass, Low Pass) per output
- Butterworth, Bessel, Linkwitz-Riley filters up to 24dB / Oct. per output
- Delay in time (ms) or distance (m): 5 ms max. in 10 μsec steps or 1.71m max in 3.4mm steps per output
- Limiter, threshold 48 dBu to +9 dBu per output
- Phase switchable (invert, 180°) per output
- Remote control via USB with PC software (included)
- Parameter accuracy in remote control mode: frequencies 1Hz, delays 15 microseconds, gains with 0.01dB (limited accuracy when using on-board controls)
- 50 storable user presets
- LCD display with 2 x 16 characters
- Metal case with detachable rack ears
- Internal wide-range PSU
- CE/ROHS compliant

More information?

Visit the website.

RPH-8000

8-Way headphones amplifier

- 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 selector switch 115/230V
- CE/ROHS compliant

CHP-400

4-Way compact headphones amplifier

- 4 independent stereo high-power headphones amplifier output sections in less than half rack space
- Output level control per output
- 2 stereo inputs, alternatively assignable to each output
- Input level control for both stereo inputs
- Each stereo input with balanced stereo line-level input connection as well as unbalanced headphones-level connection
- 1 front-side 3.5mm Mini-TRS connector and 1 rear-side ¼" TRS phones connector per output
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Wide-range AC mains voltage
- Full metal case with detachable plastic side cheeks
- Top-mounted 5/8" thread insert for mic stand mounting (3/8" adapter included)
- Rack-mountable with optional RPK-2000 rack-mount kit
- CE/ROHS compliant

More information?

Visit the website.

More information?

Visit the website.

RPD-2200

2-Channel dynamics processor

- Dual dynamics processor, linkable for stereo operation
- Manual setting for threshold (-40 | +20 dB), ratio (∞:1 | 1:1), attack (0.3 | 300 ms) and release (0.05 | 5 s)
- Switchable "Auto-Knee" program-adaptive compression
- Switchable "Auto-Time" setting of attack/release times
- De-Esser: switchable voice gender (female: 8.6 kHz, male: 7.5 kHz) & 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" & "LowContour filter" functions
- Automatic peak limiting section
- Side chain input with switchable monitor function
- 12-segment LED meters for levels and gain reduction
- Threshold and De-Esser level displays
- ¼" TRS and XLR Balanced connections
- Relay-based bypass function (failsafe)
- All switches with LED status indicator
- Internal wide-voltage swing PSU
- Metal case with detachable rack ears
- AC mains selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

RPR-1000

Mono recording strip (preamp & dynamics)

- Mic/Line switchable input with input phase switch
- Discrete Mic preamp with with switchable +48 V PP
- Fully tunable and switchable 12 dB low-cut filter
- Manual setting for threshold (-40 | +20 dB), ratio (∞:1 | 1:1), attack (0.3 | 300 ms) and release (0.05 | 5 s)
- Switchable "Auto-Knee" program-adaptive compression
- Switchable "Auto-Time" setting of attack/release times
- De-Esser: switchable voice gender (female: 8.6 kHz, male: 7.5 kHz) & 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 LowContour filter
- Compressor side chain & switchable monitor function
- 12-LED meters for gain reduction and output level
- Threshold and De-Esser level displays
- EQ section: fixed HF/LF cut/boost and two parametric mid frequencies (F and Q)
- ¼" TRS and XLR Balanced connections
- All switches with LED status indicator
- Internal wide voltage-swing linear PSU
- Metal case with detachable rack ears
- AC mains selector switch 115/230V
- CE/ROHS compliant

More information?

Visit the website.

CMC-100

Passive balanced monitor speaker controller

- 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

More information?
Visit the website.

DMP-230V2(B)

Media player | FM tuner | Bluetooth receiver option

- 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
- Optional rack mount kit optional available
- CE/ROHS compliant

Available as:
- DMP-230V2 without Bluetooth module
- DMP-230V2B with Bluetooth module

**IRC-A
Remote control**
(included)

More information?
Visit the website.

WMU-116

UHF Wireless 1-Link Microphone | 16 Channels | Switching Diversity

- 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 (RED)/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 Beltpack (HOB1)
- Powered by external power supply (included)
- Half 19"/1U metal case with detachable rack ears and front-mount antenna kit

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

More information?

Visit the website.

WMU-216

UHF Wireless 2-Link Microphone | 16 Channels | Switching Diversity

- 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 (RED)/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/116TH and/or Beltpack/116TB
- Powered by external power supply (included)
- 19"/1U full metal case with detachable rack ears and front-mount antenna kit

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

More information?

Visit the website.

WMU-401

UHF Wireless 4-Link Microphone | Fixed frequency

- 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
- Receiver powered by external power supply (included)
- Transmitters with impact-proof plastic housing
- Transmitters powered by 2xAA batteries (10h operation)
- Beltpack transmitter with 3-pin Mini XLR input, supplied with headband or tieclip lavalier microphone
- 19"/1U rack-mountable metal cabinet with detachable rack ears
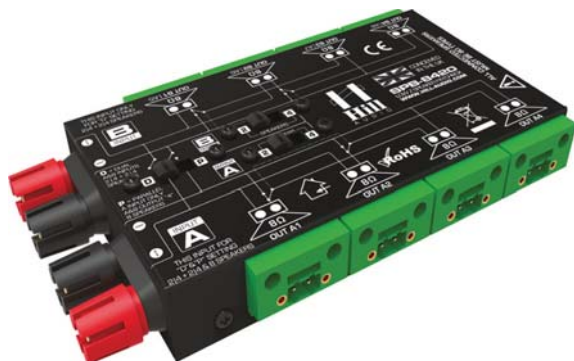- CE (RED)/ROHS compliant

3 configuration types available:
- 4x handheld (H4B0)
- 4x beltpack (H0B4)
- 2x handheld & 2 beltpack (H2B2)

More information?

Visit the website.

Hill ELECTRONICS

SPB-8420

Low Z Speaker Installation Patch Box

- 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

More information?

Visit the website.

RPL-1000V2

Power Conditioner | Racklight | USB Charger

- 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

More information?

Visit the website.

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