



### 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.

### FEATURES

### 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

- 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

