



CONCEPT

TECHNICAL DATA

Signal/Noise....>91dBu (unwgted 22Hz-22KHz)
 Crosstalk Damping.....>92dB
 THD.....<0.01% (Line)
 Frequency response.....20Hz – 20 kHz
 AC IN115V/230~ 50/60Hz
 Power consumption.....max. 20W
 Dimensions.....W483xH44.5xD162.0mm
 Weight.....2.30 kg

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

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

- 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

