



PROFESSIONAL SOUND SYSTEM ELECTRONICS

XR204

4-Way Stereo Active Crossover

2 in

XLR BALANCED

8 out

XLR BALANCED

4-way

STEREO

1U

19" RACK



SPECIFICATIONS

Type	Analogue active crossover
Configuration	Stereo 4-way, 2 in / 8 out
Sub / low crossover	50 – 250 Hz
Low / mid crossover	70 Hz – 1 kHz
Mid / high crossover	480 Hz – 7 kHz
Low-cut filter	30 Hz, switchable
Power	220 V AC, 20 W
Chassis	Steel, 1U 19" rack
Packed size	approx. 57 × 26 × 9 cm

INPUTS & OUTPUTS

Inputs	2 × XLR-F, electronically balanced
Input impedance	>50 kΩ bal / >25 kΩ unbal
Max input	+22 dBu typical
CMRR	>40 dB, typ. >55 dB @ 1 kHz
Outputs	8 × XLR-M, electronically balanced
Output impedance	60 Ω bal / 30 Ω unbal
Max output	>+20 dBu
Mains	IEC inlet with fuse

FEATURES

- Three sweepable crossover points per channel: sub/low, low/mid and mid/high
- Dedicated sub output per channel with independent frequency and level control
- Switchable 30 Hz low-cut to remove subsonic content and save amplifier headroom
- Phase invert switches to line up bands and cabinets
- Level control for every output band
- Input gain control
- Black steel 1U case for standard 19" racks

PERFORMANCE

Frequency response	<3 Hz – >90 kHz, +0/-3 dB
Bandwidth	20 Hz – 20 kHz, +0/-0.5 dB
S/N low / mid	>94 dB
S/N high	>92 dB
S/N sub	>88 dB
Dynamic range	>106 dB, unweighted
THD + noise	<0.004% @ +4 dBu, 1 kHz
Crosstalk	<-80 dB, 20 Hz – 20 kHz



FRONT PANEL



REAR PANEL

NOTES

S/N referenced to +4 dBu, 22 kHz bandwidth. XLR: pin 1 ground, pin 2 hot, pin 3 cold. Line-level device: connect between the mixer and amplifiers, never to amplifier speaker outputs. Mains-powered equipment: do not open the case.

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