

TECHNICAL SPECIFICATION

EC500

Mono Crossover

FILTERS: 3-Way and 2-Way 24dB/okt. Linkwitz-Riley
24dB/okt. subsonic, 6dB/okt. 100kHz ultrasonic

FREQ. SETTINGS:	Pos 1.	Pos 2	Pos 3
• SUBSONIC:	16Hz	20Hz	32Hz
• LOW-PASS/HIGH-PASS 2WAY/BAND-PASS:	100Hz	125Hz	150Hz
• HIGH-PASS 3WAY/BAND-PASS:	1kHz	1.25kHz	1.5kHz

INTERNAL GAIN SETTING: 0 dBV +3 dBV +6dBV

EXTERNAL GAIN SETTING: ± 8dB for LOW-PASS-and HIGH-PASS 3WAY

MAXIMUM OUTPUT LEVEL: > +20dBV

SIGNAL-TO-NOISE RATIO(ref.0dBV):	UN-WTD 22Hz-22kHz	WTD < 10Hz-IEC-A
• LOW-PASS:	-96dBV	-104dBV
• BAND-PASS:	-94dBV	-104dBV
• HIGH-PASS 2WAY:	-94dBV	-96dBV
• HIGH-PASS 3WAY:	-97dBV	-101dBV

DISTORTION (TDH+NOISE):	REF.0dBV	REF.+6dBV
• LOW-PASS (f=50Hz):	<0,0012%	<0,0007%
• BAND-PASS (f=200Hz):	<0,0015%	<0,0007%
• HIGH-PASS 2 WAY (f=2kHz):	<0,0015%	<0,0014%
• HIGH-PASS 3 WAY (f=2kHz):	<0,002%	<0,0015%

COMMON MODE REJECTION: > 60dB

INPUT: 200kΩ electronically balanced, 3-pin female XLR
Pin 1 chassis.
Pin 2 in phase (+)
Pin 3 out of phase (-)

OUTPUT: 60 Ω electronically balanced, 3-pin male XLR
Pin 1 chassis.
Pin 2 in phase (+)
Pin 3 out of phase (-)

INDICATORS: One led indicate power on.

MAIN SUPPLY: 2X22V AC external power for 220v 50-60Hz

DIMENSIONS: (WxHxD) in mm 482 x44x230

WEIGHT: 3.5 kg including power supply.

Manufactured in Norway by:

DYNAMIC
PRECISION