

mbl C11 Preamplifier

General

Weight	15,5 kg / 34.2 lbs
Dimensions (without cables)	W 45,0 cm / D 44,5 cm / H 14,5 cm W 17.7 in / D 17.5 in / H 5.7 in
Dimensions with packaging	W 59,0 cm / D 54,0 cm / H 35,5 cm W 23.2 in / D 21.3 in / H 21.9 in
Line Voltage	230 Vac / 50 Hz or 115 Vac / 50/60 Hz (single voltage, factory setting depending on country)
Power consumption	
in stand by	< 0.5 VA
in idle	< 20 VA
Maximum	< 20 VA

Connections

Inputs

RCA unbalanced	2 x MBL CD1 / CD2 2 x Tuner AUX1 / AUX2 1 x Processor By-Pass
XLR balanced (unity gain)	1 x Symmetrical
Options	1 x optional 2nd Symmetrical In (XLR) or 1 x optional Phono Module (RCA)

Outputs

RCA unbalanced	2 x Variable Out 1 x Fixed Record Out
XLR balanced (double gain)	1 x Variable Out
Other	Ground Terminal 2 x MBL SmartLink

Specifications

Output Level / Maximum Output

Variable unbalanced RCA Outputs	0 ... 5 V @ 2 V Input, max 8 V (According to Volume Setting)
Variable balanced XLR Output	0 ... 10 V @ 2 V Input, max 16 V (According to Volume Setting)
Fixed Record Output	2 V @ 2 V Input, max. 8 V
Nominal / Maximum Input Level (All Inputs except Phono)	2 V / 8V
Absolute Polarity	In-Phase (RCA / XLR Pin2)
Frequency Range (All Inputs and Outputs except Phono)	DC - > 200 kHz

Output Impedance

All RCA Outputs	100 Ohm
XLR Output	200 Ohm

Input Impedance

CD and Processor By-Pass Inputs	≥ 5 kOhm
AUX Inputs	50 kOhm
XLR Input	10 kOhm

Signal to Noise Ratio
(All Inputs and Outputs except Phono) > 110 dB (A) @ 2 V Input, Volume set to 0 dB / unity gain

Channel Separation
(All Inputs and Outputs except Phono) > 100 dB @ 1 kHz

Total Harmonic Distortion + Noise
(All Inputs and Outputs except Phono) < 0.001 % @ 2V Input / 1kHz, Volume set to 0 dB / unity gain