

## mbl C15 Mono Power Amplifier

### General

Weight	22 kg / 48.5 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	< 50 VA
Maximum	< 900 VA (w. 1 x 500 W @ 4 Ohm)

### Connections

Inputs	1 x RCA In, unbalanced 1 x XLR In, balanced (XLR H) / unbalanced (XLR L)
Outputs	2 pairs Loudspeaker Binding Posts
Other	2 x MBL SmartLink

### Specifications

Rated Power	
Mono 4 Ohm	500 W
Mono 8 Ohm	280 W
Mono 2 Ohm	> 500 W
Peak Output Voltage	85 Vp
Peak Output Current	36 Ap
Input Impedance (RCA / XLR L / XLR H)	10 kOhm / 20 kOhm / 20 kOhm
Input Sensitivity (RCA / XLR L / XLR H)	100 mV / 200 mV / 100 mV for 1 W @ 4 Ohm
Rated Input Voltage (RCA / XLR L / XLR H)	2.20 V / 4.40 V / 2.20 V for 500 W @ 4 Ohm
Voltage gain (RCA / XLR L / XLR H)	20 (26 dB) / 10 (20 dB) / 20 (26 dB)
Absolute Polarity	In-Phase (RCA / XLR Pin 2)
Signal / Noise Ratio @ Rated Output	127 dB (A) @ 500 W / 4 Ohm
Signal / Noise Ratio @ 1 Watt	100 dB (A) @ 1 W / 4 Ohm
Equivalent Input Noise - RCA	126 dB (A) @ 2 V Input
Equivalent Input Noise - XLR	126 dB (A) @ 2 V Input
Frequency Response	< 10 Hz – 50 kHz
Distortion THD+N	Typ. 0.01 % @ 5 W from 20 Hz ... 20 kHz
Damping Factor	> 100 (40 dB) @ 1 kHz / 4 Ohm