

Bosch PLE10M2EU Plena Mixer

Mains power supply	
Voltage	115 - 230 VAC \pm 10%, 50/60 Hz
Power consumption	24 VA
Battery power supply	
Voltage	24 VDC, +10% / -15%
Current	1 A
Power consumption (maximum)	1 A
Performance	
Frequency response	50 Hz to 20 kHz (+0/-3 dB)
Distortion	<0.1% @ rated output power, 1 kHz
Low Control	Max -12/+12 dB (frequency is setting dependent)
Hi Control	Max -12/+12 dB (frequency is setting dependent)
RJ-45 input	2 x
Call station input	For PLE-2CS(MM)
Wall panel input	For PLE-WP3S2Z
Mic/line input	6 x
Input 1 (Push-to-talk contact with ducking functionality)	5-pin Euro style, balanced, phantom 3-pin XLR, balanced, phantom
Input 2-6 (VOX with ducking functionality on input 2)	3-pin XLR, balanced, phantom
Sensitivity	1 mV (mic); 1 V (line)
Impedance	>1 kohm (mic); >5 kohm (line)
Dynamic range	100 dB
S/N (flat at max volume)	>63 dB (mic) >70 dB (line)
S/N (flat at min volume/muted)	>75 dB
CMRR (mic)	>40 dB (50 Hz to 20 kHz)
Speech filter	-3 dB @ 315 Hz, high-pass, 6 dB/oct
Phantom power supply	16 V via 1.2 kohm (mic)
Speech filter	-3 dB @ 315 Hz, high-pass, 6 dB/oct
VOX (input 1 & 2)	attack time 150 ms; release time 2 s
Music inputs	3 x
Connector	Cinch, stereo converted to mono
Sensitivity	300 mV
Impedance	22 kohm
S/N (flat at max volume)	>70 dB
S/N (flat at min volume/muted)	>75 dB
Headroom	>25 dB
Emergency / telephone	1 x
Connector	7-pin Euro style pluggable screw terminal
Sensitivity telephone input	1 V – 10 V adjustable
Sensitivity emergency input	100 V adjustable
Impedance	>10 kohm
S/N (flat at max volume)	>65 dB
VOX	Threshold 50 mV; attack time 150 ms; release time 2 s
Insert	1 x
Connector	Cinch
Nominal level	1 V
Impedance	>10 kohm
Zone/Master/Music output	3 x
Connector	3-pin XLR, balanced

Nominal level	1 V
Impedance	<100 ohm
Dimensions (H x W x D)	100 x 430 x 270 mm (19" wide, 2U high)
Mounting	Stand-alone, 19" rack
Color	Charcoal
Weight	Approx. 4.5 kg
Operating temperature	-10 °C to +45 °C
Storage and transport temperature	-40 °C to +70 °C