

5 Technical Specifications

POLAR 10 System	
Max. SPL peak	126 dB half space
Frequency response +/- 10 dB	38 Hz – 20 kHz
Power amp output	2000 W
Amp type	Class D – biamped
Crossover frequency	180 Hz, 24 dB/oct.
Active protective circuits	Under-voltage, Thermal, Short Circuit, Over-current Protection; Peak, RMS Limiter
Inputs	2x Balanced XLR/ 1/4" (6.3 mm) combo jack, 1x Hi-Z instrument jack, 2x RCA/Cinch, Bluetooth audio stream
Outputs	Mix Out
Max. input level	+4 dBu
Modes (Filter presets)	Music, Voice, DJ
User presets	5
EQ	3-band, semi-parametric mid EQ
System delay	up to 291 ms (100 m)
Bluetooth	5.0
Housing	Birch multiplex / ABS
Finish	Black 2-component lacquer
Overall system height	213 cm
Weight	26.9 kg / 59.3 lbs

POLAR 10 Subwoofer	
Bass woofer	1x 10", 2" voice coil
Front grille	1.5 mm metal grille backed with black acoustic foam
Dimensions (WxHxD)	36.6 x 62.5 x 54.1 cm
Weight	21 kg / 46.2 lbs

POLAR 10 Mid/High Unit	
Mid speaker	6x 3", 3/4" voice coil, neodymium
HF driver	1x 1", 1" voice coil
Horn directivity	120° x 30°
Front grille	1 mm metal grille backed with black acoustic foam
Dimensions (WxHxD)	10.8 x 82.5 x 9.8 cm
Weight	3.9 kg / 8.6 lbs

POLAR 10 Spacer	
Front grille	1 mm metal grille backed with black acoustic foam
Dimensions (WxHxD)	10.8 x 82.5 x 9.8 cm
Weight	2 kg / 4.4 lbs

General Technical Specifications	
Current consumption pursuant to EN 62368-1	0.6 A / 220-240 V AC 0.8 A / 100-120V AC



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For the USA:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter meets both portable and mobile limits as demonstrated in the RF Exposure Analysis. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

For Canada:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.