PL 6X

COAXIAL CEILING SPEAKER

DESCRIPTION

PL 6X is a ceiling speakers featuring elegant and innovative design that can be flushmounted in false ceilings or panels. Incorporating a 6” coaxial woofer with a 1” tweeter placed on a bridge support. PL 6X is equipped with a line transformer that enables direct connection to constant voltage systems at 70 V or 100 V. The multiple sockets on the transformer make possible to select the output power from among several values. Installation is quick and easy thanks to a special three-hook system that avoids the need for using screws and pallet or other attachment elements.



FEATURES

- 6″ woofer with 1″ dome tweeter
- Power selectable (70 V / 100 V): 12 W – 6 W – 3 W – 1.5 W
- 92 dB sensitivity
- Colour white RAL 9003 and black RAL 9005
- Plastic frame UL 94 V0, aluminium grille

TECHNICAL SPECIFICATIONS

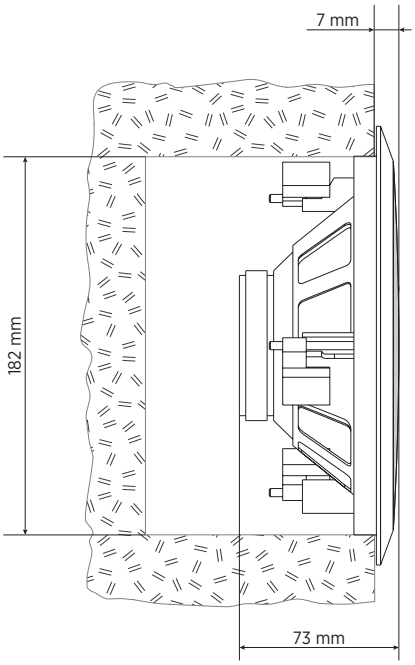
Acoustical specifications	Frequency Response (-10dB):	70 Hz ÷ 20000 Hz
	Max SPL @ 1m:	106 dB
	Coverage angle:	100°
	System Sensitivity:	92 dB
Power section	Power Handling:	12 W RMS
	Peak Power Handling:	48 W PEAK
	Recommended Amplifier:	24 W
Transducers	Dome Tweeter:	1.0"
	Woofer:	6.0"
Input/Output section	Input connectors:	Screw Terminals
	Output connectors:	Screw Terminals
	Constant Voltage Transformer:	70/100 V
	Power selection 1:	12 W - 833 ohm
	Power selection 2:	6 W - 1667 ohm
	Power selection 3:	3 W - 3333 ohm
	Power selection 4:	1.5 W - 6667 ohm
Standard compliance	IP protection grade:	IP 44
	CE marking:	Yes
Physical specifications	Cabinet/Case Material:	Plastic
	Hardware:	Plastic Material
	Grille:	Aluminium
	Color:	White - RAL 9003, Black - RAL 9005
Size	Depth:	73 mm / 2.87 inches
	Recessed Depth:	66 mm / 2.6 inches
	Diameter:	204 mm / 8.03 inches
	Cut out diameter:	182 mm / 7.17 inches
	Weight:	0.78 kg / 1.72 lbs
Shipping informations	Package Height:	240 mm / 9.45 inches
	Package Width:	240 mm / 9.45 inches
	Package Depth:	110 mm / 4.33 inches
	Package Weight:	1.56 kg / 3.44 lbs

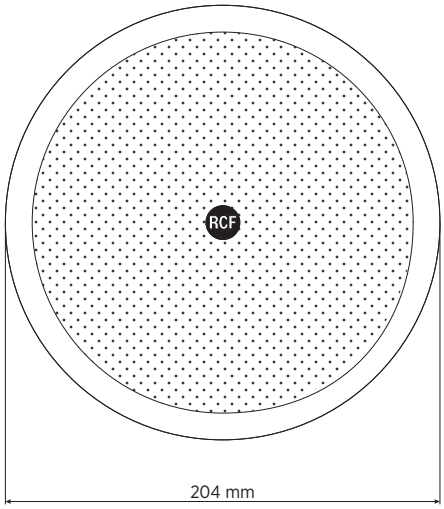
PART NUMBER

- **13133042**
  PL 6X
  White - RAL 9003
  EAN 8024530004972
- **13100087**
  PL 6X B
  Black - RAL 9005
  EAN 8024530018467

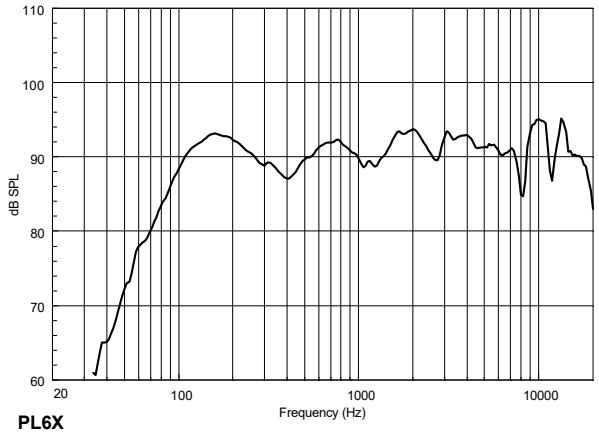
RCF products are continually improved. All specifications are therefore subject to change without notice.

DRAWINGS





Response 1W/1m

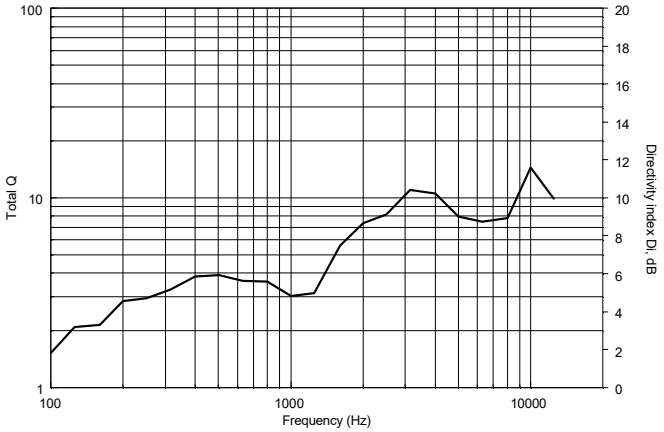


PL6X

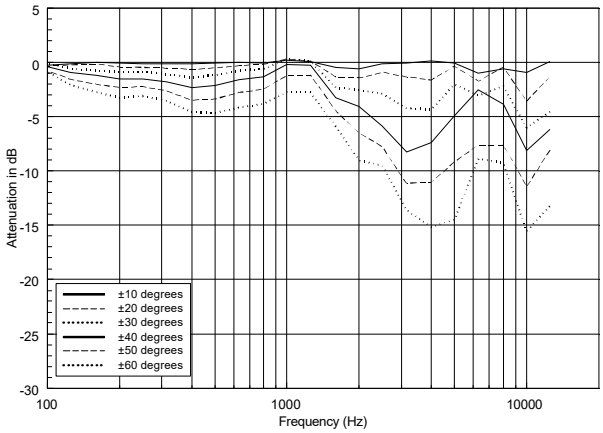
Beamwidth vs. Frequency



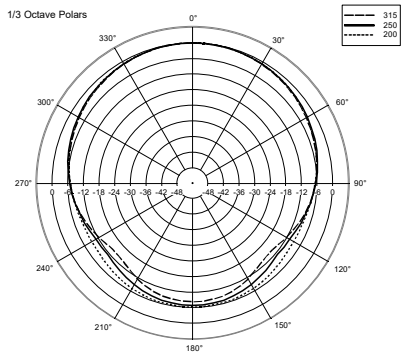
Directivity Index and Q

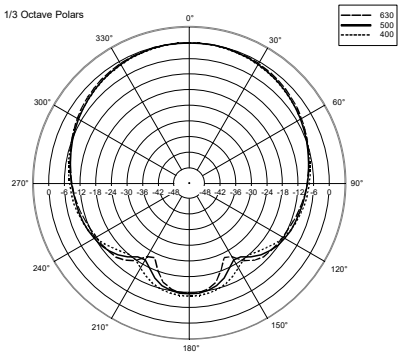


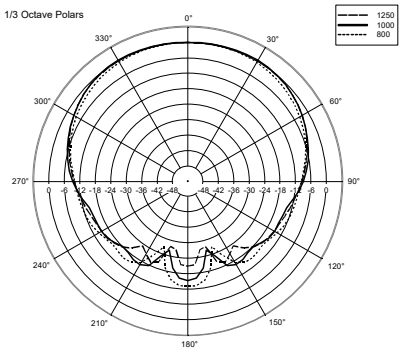
Normalized off-axis Response

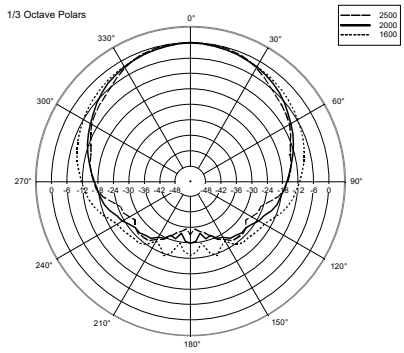


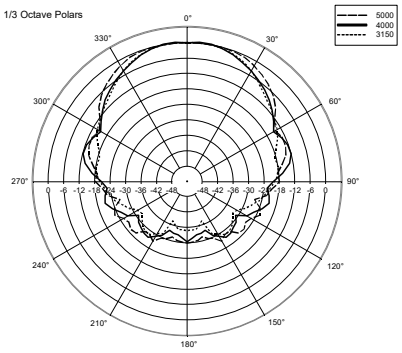
HORIZONTAL 1/3 POLAR PLOT

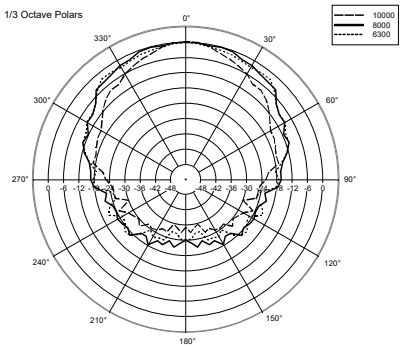












A&E SPECIFICATIONS

The product shall be a ceiling speaker featuring elegant and innovative design that can be flush-mounted in false ceilings or panels, incorporating a coaxial 6" woofer with a 1" tweeter.
It shall be equipped with a line transformer that enables direct connection to either 70 V or 100 V constant voltage lines. Its transformer taps will allow to select the output power from among several values.
Installation shall be quick and easy thanks to a special three-hook system that avoids the need for using screws and pallet or other attachment elements.