PentaClass

CERTES
Technology enhancing

CERTES PENTACLASS AB

OMNIDIRECTIONAL 360° SOUND SYSTEM WITH BUILT IN BLUETOOTH

360° OMNIDIRECTIONAL SOUNDFIELD
Enjoy truly rich sounds whenever you are seated in the room.

BLUETOOTH CONNECTION
Stream to your PentaClass from wherever you are in the room.

LED STATUS INDICATION
A specific light will illuminate on the top panel.

EASY INSTALLATION
In a matter of minutes you can install the PentaClass using the supplied mount on a ceiling or wall.



REMOTE CONTROL
Remote control for the easy operation of your PentaClass.

AUDIO PRESETS
Choose voice, multimedia and music presets.

AUTO POWER OFF
Automatic power-saving mode to save energy.

1300 SQFT (120 SQM) COVERAGE
Suitable for room sizes of up to 1300 ft² (120 m²).

VERSATILE USE
Use as portable or installed.

TECHNICAL SPECIFICATION

SPEAKER SPECIFICATION

Frequency Response	40 Hz - 20 kHz
Output	45 W @ 8 Ω
Loudness	88 dB
Inputs	1 x AUX, 3.5 mm stereo
Output	1 x AUX, 3.5 mm stereo, mixed
Power Requirements	110V/240V AC 50-60Hz 1A
Power saving mode	Auto turn OFF after 20 min. inactivity
Status indication	Indication of exact status of PentaClass
Amplifier	Class D, 44 100 kHz sample rate, 24 bit resolution, digital audio processor (DAP), dynamic range compression (DRC), soft mute
Control	Infrared remote control with 7 buttons (Speaker power on/off, Mute, Audio presets, Speaker volume up, Speaker volume down, AUX on/off, Bluetooth on/off (enabled for AB and Runa models)
Built in equalizer presets	Speech, Multimedia, Music, Mega bass
Acoustics	Omni-directional, plywood sound box, fine tuned port. Designed for rooms up to 1291 sq ft (120 m²).
Dimensions (W x H x D)	9.45 x 9.45 x 9.06 inch (24 x 24 x 23 cm)
Weight	6.61 lbs (3 kg)
Mounting	Universal wall/ceiling mount for drop and concrete ceilings supplied
Included accessories	Power supply, power cord, remote control, wall / ceiling mount, user manual

AUDIO INPUT / OUTPUT ELECTRICAL CHARACTERISTICS

Aux In Input Impedance	29 kΩ
Maximal Aux In Input Level	2.83 Vpp
Aux Out Output Impedance	320 Ω
Typical LINE OUT Output level (0 dB @ 10 kW load)	2.61 Vpp

BLUETOOTH SPECIFICATION

Bluetooth version	Version 2.1 + EDR, Class 2
Data rates	Up to 3 Mbps (over the air)
Frequency range	2402 - 2480 MHz
Range	Up to 82 feet (25 meters)
Receive Sensitivity	Better than -86 dBm
Wireless Specification	802.11 b/g
Profiles	A2DP
Audio codec support	SBC, AAC and apt-X for high quality audio applications

For more information visit
www.certestechnologies.com