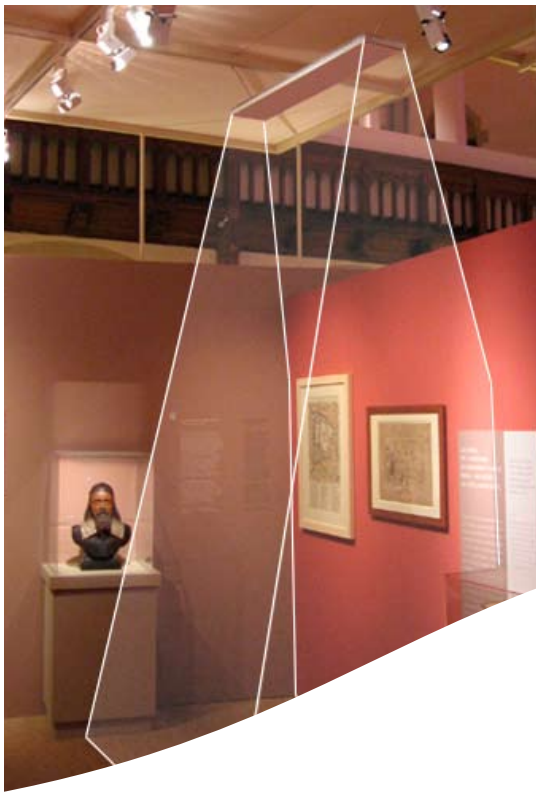
PANPHONICS
Audio Innovations



Focus audio to a specific zone

with Sound Shower® directional audio speakers.

Banks, museum displays, product promotion displays, exhibits, digital signage displays, information systems, etc., all share the common need to have focused audio messages delivered to specific locations. Here, the best solution is Sound Shower® by Panphonics. Install it directly above the targeted area to create a precise audio footprint or horizontally to create a long audio corridor.

Panphonics Sound Shower® is the premiere directional audio solution. Based on Panphonics Plane Wave technology, Sound Shower® creates a highly focused and directional audio footprint that delivers audio content to the intended target without disturbing the surrounding environment.

Sound Shower® is so directional that several can placed close together, each playing a different message, without disturbing one another. They can be used to create audio hotspots for wide variety of applications, such as museums, banks, retail shelves, digital signage displays, CD/DVD listening areas, etc. Sound Shower® speakers consistently produces crisp, clear audio, even at very low volumes.

All Sound Shower® speakers include a built-in ambient volume monitoring system that automatically adjusts the speaker's volume higher or lower depending on the environment. This ensures that the audio content remains audible when the ambient noise level increases—even when things are busy the message can be clearly heard. Other features include a virtual base function for an improved listening experience and a convenient USB port to power portable media devices.

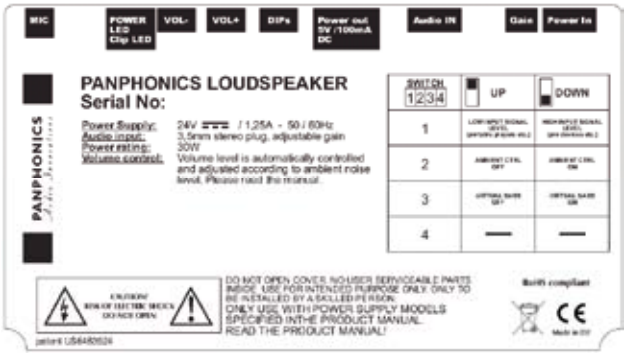
Sound Shower® speakers are lightweight and ultrathin, making them easy to install in any environment. Architectural challenges are easy to overcome with Sound Shower® directional speakers.

SOUND SHOWER®

Sound Shower® *directional audio speakers by Panphonics are available in a variety of sizes to meet any audio requirement. All product units include a ready-to-go speaker with amplifier and fixture points for both horizontal and vertical installation.*

Technical Description

MODEL	SIZE (LxWxH)		WEIGHT		AUDIO FOOTPRINT (LxW)			
					hanging		wall mount	
SSh	mm	in	kg	lbs	m	ft	m	ft
600 x 200	600 x 204 x 34	23.6 x 8.0 x 1.3	1.2	2.6	1 x 1.5	3 x 5	15 x 3	50 x 10
600 x 600	600 x 600 x 34	23.6 x 23.6 x 1.3	2.5	5.5	1 x 1	3 x 3	15 x 3	50 x 10
1000 x 200	995 x 204 x 34	39.4 x 8.0 x 1.3	1.8	4.0	1.2 x 2	4 x 7	25 x 5	80 x 15
1200 x 200	1195 x 204 x 34	47.0 x 8.0 x 1.3	2.0	4.5	1.5 x 2	5 x 7	25 x 5	80 x 15
1800 x 200	1790 x 204 x 34	70.5 x 8.0 x 1.3	2.8	6.2	2 x 2	7 x 7	30 x 5	100 x 15
2400 x 200	2385 x 204 x 34	93.9 x 8.0 x 1.3	3.6	8.0	2.5 x 2	8 x 7	35 x 6	115 x 20
3000 x 200	2980 x 204 x 34	117.3 x 8.0 x 1.3	4.5	10.0	3 x 2	10 x 7	35 x 7	115 x 23



Installation:

Adjustable metal wire hanging system (included).
VESA 100, 4 mm threads

Audio properties:

Maximum output sound pressure level > 85 dB
400 Hz - 16 kHz (-6 dB/oct.)

Operation principle:

Bridged mono (internal stereo to mono conversion)

Options:

(available upon request)

- Frame: other custom colors
- Cover canvas: RAL colors and custom prints
- Installation threads on rear plate with customer specific pattern
- External amplifier

Electrical properties:

External power supply
24 V / 400 mA DC power supply (US, UK or Europlug)

Input impedance (audio IN)
10 k

Input voltage (audio IN)
50 mV - 2 V, adjustable gain

Input (audio IN)
3.5 mm stereo jack
Adjustable input gain
Power indicator led (green)
Audio input overdrive indicator (clip) led (red)

Automatic volume control feature
Virtual bass feature
USB power out 5 V connector

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