



## 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.*

**P**anphonics 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 be placed close together, each playing a different message, without disturbing one another. They can be used to create audio hotspots for a wide variety of applications, such as museums, banks, retail shelves, digital signage displays, CD/DVD listening areas, etc. Sound Shower® speakers consistently produce 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.



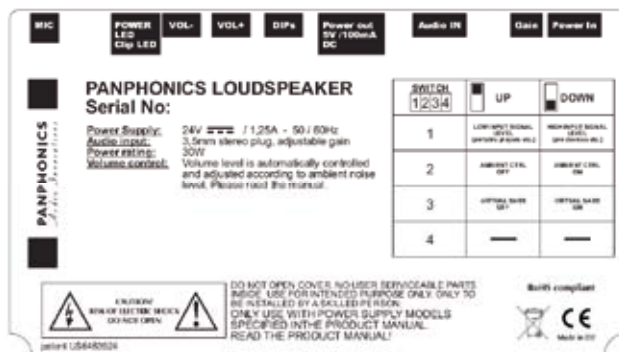
**SOUND  
SHOWER®**

*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 CREATED BY SPEAKER (LxW)*			
					hanging (e.g. ceiling)*		wall mount	
	cm	in	kg	lbs	m	ft	m	ft
SSH								
SSH-60X20	60.0 x 20.4 x 3.4	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
SSH-60X60	60.0 x 60.0 x 3.4	23.6 x 23.6 x 1.3	2.5	5.5	1 x 1	3 x 3	15 x 3	50 x 10
SSH-100X20	99.5 x 20.4 x 3.4	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
SSH-120X20	119.5 x 20.4 x 3.4	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
SSH-180X20	179.0 x 20.4 x 3.4	70.5 x 8.0 x 1.3	2.8	6.2	2 x 2	7 x 7	30 x 5	100 x 15
SSH-240X20	238.5 x 20.4 x 3.4	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
SSH-300X20	298.0 x 20.4 x 3.4	117.3 x 8.0 x 1.3	4.5	10.0	3 x 2	10 x 7	35 x 7	115 x 23

**\*NOTE:** In overhead (ceiling) installations, speakers can be installed anywhere from one (1) to twenty (20) meters above target area without significantly effecting the size of the audio footprint created.



## 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

**PANPHONICS**  
Olarinluoma 16  
02200 ESPOO, FINLAND  
tel. + 358 9 8193 8560  
fax + 358 9 8193 8561  
www.panphonics.com