

Panaray® LT 6403 Full-Range Loudspeaker



Performance
by DESIGN



The high-SPL, full-range solution from Bose.

The Panaray® LT 6403 loudspeaker provides tight horizontal and vertical dispersions along with full-range response. It is designed for applications with long speaker-to-listener distances, challenging room acoustics, demanding SPL requirements and where accurate, tight pattern control and aesthetics are paramount.

The features you need for the performance you want.

- High degree of pattern control allows designers and installers to effectively control dispersion for clearer, more intelligible sound.
- Full-range sound with frequency response down to 50Hz helps reduce the need for a separate bass source. An excellent choice for installations that demand full-range sound but cannot accommodate separate bass components.
- A waveguide that can be rotated 90°, allowing the loudspeakers to be flown vertically or horizontally while still maintaining the same coverage pattern.

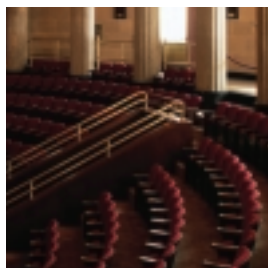
Advanced V2 mid-frequency engine.

The LT 6403 loudspeaker uses a Bose® proprietary V2 mid-frequency engine. Its innovative 4.5-inch drivers are engineered specifically for professional applications and provide smooth response and high reliability. The design also includes an integrated heat sink, which improves heat dissipation and helps extend speaker life.

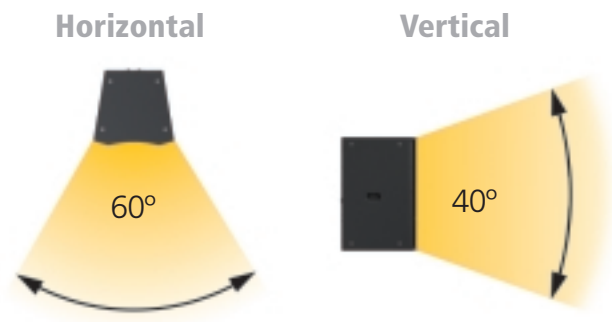
Five-year warranty.

The Panaray LT 6403 loudspeaker is engineered and tested for demanding professional environments, and is backed by a transferable five-year limited warranty.

BOSE®



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Representative dispersion patterns

Specifications

Driver complement:

Low-frequency: One 15" woofer
Mid-frequency: One V2 driver
High-frequency: One 1.0" compression driver

Maximum acoustic output (pink noise):

Passive: 121dB-SPL @ 1m
127dB-SPL @ 1m (Peak)

Bi-amplified:

Low-frequency:
118dB-SPL @ 1m
124dB-SPL @ 1m (Peak)
Mid/High-frequency:
120dB-SPL @ 1m
126dB-SPL @ 1m (Peak)

Impedance:

Passive: 8 Ω
Bi-amplified:
Low-frequency: 8 Ω
Mid/High-frequency: 8 Ω

Long-term power handling (with active EQ):

Passive: 500W
Bi-amplified:
Low-frequency: 300W
Mid/High-frequency: 100W

Sensitivity (pink noise):

Passive: 94dB, 1W @ 1m
Bi-amplified:
Low-frequency:
93dB, 1W @ 1m
Mid/High-frequency:
100dB, 1W @ 1m

Frequency range:

Passive: 50Hz to 16kHz \pm 3dB

Bi-amplified:

Low-frequency:

50Hz to 300Hz \pm 3dB

Mid/High-frequency:

300Hz to 16kHz \pm 3dB

Internal crossover frequency:

Low-frequency @ 300Hz

Mid/High-frequency @ 1.8kHz

Beamwidth (-6dB angle, average 800Hz – 5kHz):

65° horizontal, 52° vertical

Cabinet:

Baltic birch

Connectors:

Dual NL4 connectors

Color:

Black or white

Dimensions:

22.2"D x 24.1"W x 34.4"H
(564mm x 612mm x 873mm)

Weight:

135 lbs. (61 kg)

For indoor use only.



For more information
pro.bose.com/sales

Specifications subject to change
without notice.

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Better sound through research®