

The BOSE® PANARAY® LT 6403 loudspeaker is a 3-way, high SPL, full-range loudspeaker system designed for indoor medium venue applications. The LT 6403 offers a 65° horizontal by 52° vertical dispersion which provides consistent on-and-off axis response.

Your business need

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

The features you need for the performance you want.

Advanced V2 mid-frequency engine.

Five-year warranty.

The BOSE® Solution

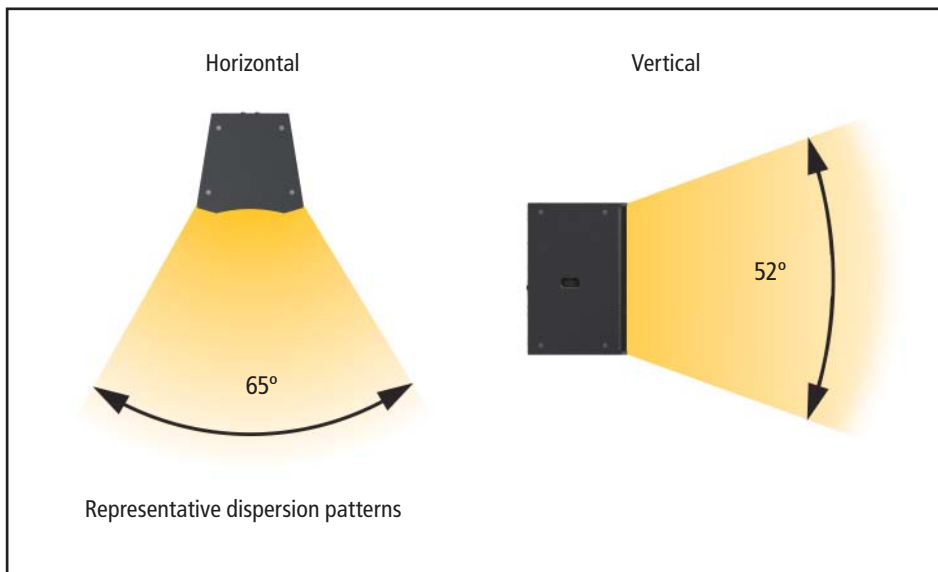
Whether your design requires the high SPL demanded by sports facilities or clear, intelligible speech for houses of worship and auditoriums, the PANARAY® LT 6403 loudspeaker provides wide coverage and full-range response, delivering extreme flexibility for houses of worships, auditoriums, dance clubs and other small and medium-sized venues.

- > 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.

Each LT mid/high and full-range model uses a BOSE® proprietary V2 mid-frequency engine. These 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.



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



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: 121 dB-SPL @ 1 m
127 dB-SPL @ 1 m (Peak)
Bi-amplified:
Low-frequency:
118 dB-SPL @ 1 m
124 dB-SPL @ 1 m (Peak)

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

Impedance:

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

Long-term power handling (with active EQ):

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

Sensitivity (pink noise):

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

Frequency range:

Passive: 50 Hz to 16 kHz
± 3 dB
Bi-amplified:
Low-frequency:
50 Hz to 300 Hz ± 3 dB
Mid/High-frequency:
300 Hz to 16 kHz ± 3 dB

Internal crossover frequency:

Low-frequency @ 300 Hz
Mid/High-frequency @
1.8 kHz

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

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

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Better sound through research[®]