1 EdgeMax™ in-ceiling premium loudspeakers
with PhaseGuide® technology

EdgeMax EM90
90° coverage
(grille removed)

EdgeMax EM180
180° coverage
(grille removed)

EdgeMax™ in-ceiling premium loudspeakers feature proprietary **Bose PhaseGuide® technology** to create a new category that combines the room-filling coverage patterns typical of larger surface-mount speakers with the architect-preferred aesthetics of in-ceiling models. Designed to mount near wall-ceiling boundaries, EdgeMax loudspeakers provide improved audio quality and coverage, while reducing the number of required units.

- PhaseGuide technology produces unique asymmetrical vertical pattern for room-filling sound
- EdgeMax EM90 provides nominal 90° horizontal coverage from room corners
- EdgeMax EM180 provides nominal 180° horizontal coverage from center ceiling-wall locations
- Full-frequency range 60 – 18,000 Hz (-10 dB)
- Maximum SPL up to 119 dB continuous and 125 dB peak
- 2-way system combines Bose 1.3"-diaphragm compression driver and 8" woofer
- Passive crossover with 8 Ω or 70/100V transformer taps
- New auto-hold, spring-loaded mounting arms for fast, easy installs; ships with tile bridge
- UL1480 listing for air-handling (plenum) space installation
- Magnetically attached white grille for quick access to wiring and tap settings
- Black grille and rough-in pan accessories will be available

2 Panaray® MSA12X modular steerable array loudspeaker

The **Panaray MSA12X loudspeaker** advances the Bose Professional line of modular arrays with a self-powered electronically-steerable loudspeaker offering consistent audio levels with outstanding vocal intelligibility and full-range music reinforcement.

- Full-frequency range 75 – 14,000 Hz (-10 dB)
- Articulated Array® design produces wide, 160° horizontal coverage
- 12x full-range 2.25" transducers with onboard 600 W amplification
- Integrated DSP allows digital control and dual-beam steering per module
- Four beam algorithm modes: steer/spread, asymmetrical steer, and spiral
- Independent level and EQ control per-beam, with a ten-preset memory
- Integrated bracket system for up to 90° pivoting from wall
- Dante™ network audio and line-level analog input connectivity
- Slim, unobtrusive aluminum design in both white and black
- Design, setup, and control of beam coverage using Bose Modeler® and ControlSpace® software

Dante™

NEW PRODUCTS InfoComm 2017

BOSE

PROFESSIONAL

③ ControlSpace® EX conferencing solution

The ControlSpace® EX conferencing solution is a Dante™-based processor and under-table endpoint system designed to streamline audio conferencing design and implementation with purpose-built hardware that delivers:

- Seamless microphone integration
- Comprehensive connectivity
- Time-saving software algorithms

Dante™

ControlSpace EX-1280C conferencing processor
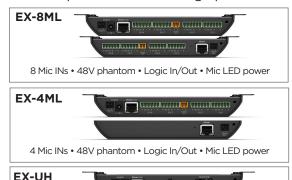
- Open-architecture, 1RU design
- 12x8 balanced I/O
- 12-channel routable AEC
- 64x64 Dante audio networking
- All-in-one VoIP, PSTN & USB
- 2-line VoIP with web configuration for IT
- USB port for PC soft codecs
- PSTN for analog telephone connections
- 8-channel Bose AmpLink output
- Serial control via RS-232 and Ethernet
- Front-panel interface with OLED display
- Simplified software configuration

ControlSpace EX endpoints

- Daisy-chainable network and power
- Dante audio networking with PoE
- Slim profile with mounting options

EX-8ML

8 Mic INs • 48V phantom • Logic In/Out • Mic LED power

EX-4ML

4 Mic INs • 48V phantom • Logic In/Out • Mic LED power

EX-UH

USB • RJ-9 • 3.5 mm TRRS analog I/O

④ Bose® MB210 compact subwoofer

The new MB210 compact subwoofer is designed for background/foreground music and small sound-reinforcement systems that require low-frequency extension down to 37 Hz. Featuring outstanding performance-to-size ratio, the MB210 is designed to complement FreeSpace®, Panaray®, and RoomMatch® Utility loudspeaker models with additional bass impact.

- 2x 10″ high-excursion woofers
- 500 W long-term power handling
- 123 dB SPL continuous with 129 dB peak SPL (half-space load)
- 41 lbs (18.6 kg), ships with U-Bracket, available in black or white

⑤ Bose® AmpLink digital audio transport

AmpLink provides a digital audio connection from supported ControlSpace processors to AmpLink-equipped Bose amplifiers. Daisy-chainable AmpLink uses standard RJ-45 connectors and CAT 5 cables to transport up to 24 channels of low-latency, uncompressed digital audio. Available on the ControlSpace EX-1280C processor, new amplifier models and a new PowerMatch® expansion card.

PowerShare PS604A and PS404A

FreeSpace ZA 2120-HZA and -LZA