

INSTALLED PRODUCT SELECTION GUIDE

for FreeSpace, DesignMax, and EdgeMax loudspeakers

A N D












FreeSpace, PowerSpace, PowerShare, and PowerMatch amplifiers

SURFACE-MOUNT LOUDSPEAKERS

| | FreeSpace | | DesignMax | | | | | |
|-----------------------------------|---|---|--|--|--|--|---|---|
| | FreeSpace loudspeakers deliver the standard Bose sound experience. They're a great choice for more cost-sensitive installations that don't require premium performance or aesthetics. | | DesignMax loudspeakers offer the premium Bose sound experience along with sleek aesthetics. They're also a great choice to save time during installation because they feature the QuickHold mounting system. | | | | | |
| | FS2SE* | FS4SE* | DM2S | DM3SE | DM5SE | DM6SE | DM8S | DM10S-SUB |
| | | | | | | | | |
| Driver Components | 1 × 2.25-inch full-range | 1 × 4.5-inch full-range | 1 × 2.25-inch full-range | 1 × 0.75-inch tweeter 1 × 3.25-inch woofer | 1 × 1-inch tweeter 1 × 5.25-inch woofer | 1 × 1.25-inch tweeter 1 × 6.5-inch woofer | 1 × 1-inch compression driver 1 × 8-inch woofer | 1 × 10-inch woofer |
| Power Handling (Long-term) | 16 W | 40 W | 16 W | 25 W | 50 W | 100 W | 125 W | 250 W |
| Max SPL (SPL/1 W @ 1 m) | 96 dB | 103 dB | 94 dB | 98 dB | 104 dB | 108 dB | 111 dB | 114 dB |
| Frequency Range (-10 dB) | 85 Hz – 19 kHz | 70 Hz – 19 kHz | 85 Hz – 19 kHz | 75 Hz – 20 kHz | 65 Hz – 20 kHz | 59 Hz – 20 kHz | 52 Hz – 20 kHz | 35 Hz – 125 Hz |
| Nominal Impedance | 16 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 16 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation |
| Coverage (H × V) | 180° × 155° | 125° × 125° | 180° × 155° | 140° × 140° | 135° × 135° | 125° × 125° | 130° × 130° | Omnidirectional |
| Acoustic Technology | — | — | — | Dispersion Alignment system | Dispersion Alignment system | Dispersion Alignment system | Coaxial compression driver & woofer | — |
| Dimensions (H × W × D) | 119 × 113 × 114 mm 7.8 × 4.5 × 4.5 in | 277 × 171 × 174 mm 10.9 × 6.7 × 6.9 mm | 182 × 113 × 116 mm 7.1 × 4.4 × 4.5 in | 232 × 154 × 155 mm 9.1 × 6.1 × 6.1 in | 286 × 192 × 197 mm 11.2 × 7.5 × 7.7 in | 340 × 222 × 230 mm 13.4 × 8.7 × 9.1 in | 395 × 249 × 253 mm 15.6 × 9.8 × 10.0 in | 502 × 316 × 321 mm 19.8 × 12.4 × 12.6 in |
| Environmental | IP55 outdoor Optional aluminum grille | IP55 outdoor Optional aluminum grille | Indoor | IP55 outdoor Included aluminum grille | IP55 outdoor Included aluminum grille | IP55 outdoor Included aluminum grille | Indoor | Indoor |
| Installation Technology | U-bracket; horizontal or vertical installation | U-bracket; horizontal or vertical installation | QuickHold; horizontal or vertical installation; repeatable angle; magnetically attaching grille | QuickHold; horizontal or vertical installation; repeatable angle | QuickHold; horizontal or vertical installation; repeatable angle | QuickHold; horizontal or vertical installation; repeatable angle | QuickHold; horizontal or vertical installation; repeatable angle; magnetically attaching grille | QuickHold; horizontal or vertical installation |
| Installation Accessories | Included: wall- & ceiling-mount U-bracket Optional: aluminum grille, wall-mount pan-&-tilt bracket, wall- & ceiling-mount pan-&-tilt bracket | Included: wall- & ceiling-mount U-bracket Optional: aluminum grille, wall-mount pan-&-tilt bracket, wall- & ceiling-mount pan-&-tilt bracket | Included: wall- & ceiling-mount U-bracket Optional: wall-mount pan-&-tilt bracket, wall- & ceiling-mount pan-&-tilt bracket | Included: wall- & ceiling-mount U-bracket Optional: wall-mount pan-&-tilt bracket, wall- & ceiling-mount pan-&-tilt bracket | Included: wall- & ceiling-mount U-bracket Optional: wall-mount pan-&-tilt bracket, wall- & ceiling-mount pan-&-tilt bracket | Included: wall- & ceiling-mount U-bracket Optional: wall-mount pan-&-tilt bracket, wall- & ceiling-mount pan-&-tilt bracket | Included: wall- & ceiling-mount U-bracket Optional: wall-mount pan-&-tilt bracket | Included: wall- & ceiling-mount U-bracket |
| Certifications | UL 1480, ULC-S541 fire alarm & signaling | UL 1480, ULC-S541 fire alarm & signaling | UL 1480A | UL 1480A | UL 1480A | UL 1480A | UL 1480A | UL 1480A |

*Preliminary data

CEILING-MOUNT LOUDSPEAKERS




| | FreeSpace | | | DesignMax | | | | | | EdgeMax | |
|---|---|---|--|--|--|---|---|---|---|--|---|
| | FreeSpace loudspeakers deliver the standard Bose sound experience. They're a great choice for more cost-sensitive installations that don't require premium performance or aesthetics. | | | DesignMax loudspeakers offer the premium Bose sound experience along with sleek aesthetics. They're also a great choice to save time during installation because they feature the QuickHold mounting system. | | | | | | EdgeMax loudspeakers mount quickly and easily near wall-ceiling boundaries even in the most architecturally challenging rooms. | |
| | FS2C* | FS2P* | FS4CE* | DM2C-LP | DM3C | DM5C | DM6C | DM8C | DM8C-SUB | EM90 | EM180 |
| |  |  |  |  |  |  |  |  |  |  |  |
| Driver components | 1 × 2.25-inch full-range | 1 × 2.25-inch full-range | 1 × 4.5-inch full-range | 1 × 2.5-inch full-range | 1 × 0.75-inch tweeter 1 × 3.25-inch woofer | 1 × 1-inch tweeter 1 × 5.25-inch woofer | 1 × 1.25-inch tweeter 1 × 6.5-inch woofer | 1 × 1-inch compression driver 1 × 8-inch woofer | 1 × 8-inch woofer | 1 × 1-inch compression driver 1 × 8-inch woofer | 1 × 1-inch compression driver 1 × 8-inch woofer |
| Power Handling (Long-term) | 16 W | 16 W | 40 W | 16 W | 25 W | 50 W | 100 W | 125 W | 150 W | 125 W | 125 W |
| Max SPL (SPL/1 W @ 1 m) | 96 dB | 96 dB | 103 dB | 96 dB | 97 dB | 103 dB | 107 dB | 111 dB | 111 dB | 117 dB | 114 dB |
| Frequency Range (-10 dB) | 85 Hz – 19 kHz | 85 Hz – 19 kHz | 70 Hz – 19 kHz | 85 Hz – 19 kHz | 75 Hz – 20 kHz | 65 Hz – 20 kHz | 59 Hz – 20 kHz | 52 Hz – 20 kHz | 38 Hz – 155 Hz | 45 Hz – 20 kHz | 45 Hz – 20 kHz |
| Nominal Impedance | 16 Ω in bypass, multiple transformer taps for 70/100 V operation | 16 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 16 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation | 8 Ω in bypass, multiple transformer taps for 70/100 V operation |
| Coverage (H x V) | 180° conical | 180° conical | 125° conical | 180° conical | 170° conical | 160° conical | 145° conical | 175° conical | Omnidirectional | 90° × 75° (vertical referenced to wall) | 180° × 75° (vertical referenced to wall) |
| Acoustic Technology | — | — | — | — | Dispersion Alignment system | Dispersion Alignment system | Dispersion Alignment system | Coaxial compression driver & woofer | — | PhaseGuide technology | PhaseGuide technology |
| Dimensions (Ø x total D x ceiling D) FreeSpace FS2P (Ø x D) EdgeMax (across square face x total D x ceiling D) | 182 × 132 × 125 mm 7.2 × 5.2 × 4.9 in | 149 × 215 mm 5.9 × 8.5 in | 272 × 172 × 163 mm 10.7 × 6.8 × 6.4 in | 196 × 110 × 99 mm 7.8 × 4.3 × 3.9 in | 255 × 154 × 144 mm 10.0 × 6.0 × 5.7 in | 303 × 205 × 192 mm 11.9 × 8.1 × 7.6 in | 356 × 242 × 223 mm 14.0 × 9.5 × 8.8 in | 409 × 255 × 240 mm 16.1 × 10.0 × 9.4 in | 409 × 256 × 240 mm 16.1 × 10.1 × 9.4 in | 390 × 249 × 236 mm 15.4 × 9.8 × 9.3 in | 390 × 249 × 236 mm 15.4 × 9.8 × 9.3 in |
| Environmental | Indoor | Indoor | IP55 outdoor Optional aluminum grille | Indoor | Indoor | Indoor | Indoor | Indoor | Indoor | Indoor | Indoor |
| Installation Technology | — | Pendant mount | — | QuickHold; magnetically attaching grille; minimum bezel; removable logo | QuickHold; magnetically attaching grille; minimum bezel; removable logo | QuickHold; magnetically attaching grille; minimum bezel; removable logo | QuickHold; magnetically attaching grille; minimum bezel; removable logo | QuickHold; magnetically attaching grille; minimum bezel; removable logo | QuickHold; magnetically attaching grille; minimum bezel; removable logo | Spring-loaded mounting arms; magnetically attaching grille; minimum bezel; removable logo | Spring-loaded mounting arms; magnetically attaching grille; minimum bezel; removable logo |
| Installation Accessories | Included: hole template Optional: tile bridge (for 6 units), rough-in pan pack (for 6 units), retrofit kit | Included: pendant suspension kit (4.5 m / 15 ft), cable ties, input cover, safety cable | Included: hole template Optional: tile bridge (for 6 units), rough-in pan pack (for 6 units), retrofit kit, aluminum grille | Included: tile bridge, hole template Optional: rough-in pan pack (for 6 units) | Included: tile bridge, hole template Optional: rough-in pan pack (for 6 units) | Included: tile bridge, hole template Optional: rough-in pan pack (for 6 units) | Included: tile bridge, hole template Optional: rough-in pan pack (for 6 units) | Included: tile bridge, hole template Optional: rough-in pan pack (for 6 units) | Included: tile bridge, hole template Optional: rough-in pan pack (for 6 units) | Included: tile bridge, hole template Optional: rough-in pan, black grille | Included: tile bridge, hole template Optional: rough-in pan, black grille |
| Certifications | UL 1480, ULC-S541 fire alarm & signaling, UL 2043 | UL 1480, ULC-S541 fire alarm & signaling, UL 2043 | UL 1480, ULC-S541 fire alarm & signaling, UL 2043 | UL 1480A, UL 2043 | UL 1480A, UL 2043 | UL 1480A, UL 2043 | UL 1480A, UL 2043 | UL 1480A, UL 2043 | UL 1480A, UL 2043 | UL 1480A, UL 2043 | UL 1480A, UL 2043 |

*Preliminary data








AMPLIFIERS

FreeSpace






| | ZA 250-LZ | ZA 190-HZ | IZA 250-LZ | IZA 190-HZ | ZA 2120-LZA | ZA 2120-HZA | IZA 2120-LZ | IZA 2120-HZ |
|--|---|---|--|--|--|---|---|---|
| |  |  |  |  |  |  |  |  |
| Unbalanced Inputs | 1, stereo RCA | 1, stereo RCA | 2, stereo RCA | 2, stereo RCA | 1, stereo RCA | 1, stereo RCA | 2, stereo RCA | 2, stereo RCA |
| Balanced Inputs | — | — | 1, XLR/1/4-in TRS combo | 1, XLR/1/4-in TRS combo | 1, Euroblock | 1, Euroblock | 2, Euroblock | 2, Euroblock |
| Additional Inputs | — | — | Page: 1, balanced Euroblock Auxiliary: 1, unbalanced 1/8-in TRS | Page: 1, balanced Euroblock Auxiliary: 1, unbalanced 1/8-in TRS | — | — | Page: 1, balanced Euroblock Auxiliary: 1, unbalanced 1/8-in TRS | Page: 1, balanced Euroblock Auxiliary: 1, unbalanced 1/8-in TRS |
| Outputs | 2, terminal strip | 1, Euroblock | 2, terminal strip 1 × 400 Ω auxiliary, stereo RCA | 1, Euroblock 1 × 400 Ω auxiliary, stereo RCA | 2, Euroblock | 2, Euroblock | 2, Euroblock 1 × 400 Ω auxiliary, stereo RCA | 2, terminal strip 1 × 400 Ω auxiliary, stereo RCA |
| Control | Power, stereo/mono output, output trim | Power, output trim | Power, input select, tone controls, gain, level, mode DIP switch, EQ preset selector, page mic gain, output trim | Power, input select, tone controls, gain, level, mode DIP switch, EQ preset selector, page mic gain, output trim | Power, auto standby on/off, stereo/mono output, mute, output trims | Power, auto standby on/off, input dual/summed, zone control, output voltage, mute, output trims | Power, input select, tone controls, level, mode DIP switch, EQ preset selector, page mic gain, output trims | Power, input select, tone controls, level, mode DIP switch, EQ preset selector, page mic gain, output trims |
| Power LZ @ 8 Ω | 2 × 25 W | — | 2 × 25 W | — | 2 × 60 W | — | 2 × 60 W | — |
| Power HZ @ 70/100 V | — | 1 × 90 W | — | 1 × 90 W | — | 2 × 120 W | — | 2 × 120 W |
| AmpLink | No | No | No | No | 8 channels, RJ-45 | 8 channels, RJ-45 | No | No |
| Dante | No | No | No | No | No | No | No | No |
| Dimensions (Rack Height, H × W × D) | 1RU × half-rack 45 × 214 × 302 mm 1.8 × 8.4 × 11.9 in | 1RU × half-rack 45 × 214 × 302 mm 1.8 × 8.4 × 11.9 in | 1RU × half-rack 45 × 214 × 310 mm 1.8 × 8.4 × 12.2 in | 1RU × half-rack 45 × 214 × 310 mm 1.8 × 8.4 × 12.2 in | 1RU 44 × 483 × 324 mm 1.7 × 19.0 × 12.8 in | 1RU 44 × 483 × 324 mm 1.7 × 19.0 × 12.8 in | 1RU 44 × 483 × 324 mm 1.7 × 19.0 × 12.8 in | 1RU 44 × 483 × 324 mm 1.7 × 19.0 × 12.8 in |

PowerSpace









PowerSpace Plus

| | P4300A | P2600A | P21000A | P4150+ | P4300+ |
|--|---|---|---|--|---|
| |  |  |  |  |  |
| Unbalanced Inputs | — | — | — | 2, stereo RCA | 2, stereo RCA |
| Balanced Inputs | 4, Euroblock | 2, Euroblock | 2, Euroblock | 3, Euroblock | 3, Euroblock |
| Additional Inputs | — | — | — | Page: 1, balanced Euroblock | Page: 1, balanced Euroblock |
| Outputs | 4, terminal block | 2, terminal block | 2, terminal block | 4, terminal block 2 × 600 Ω auxiliary, Euroblock | 4, terminal block 2 × 600 Ω auxiliary, Euroblock |
| Control | Power, mode DIP switches, input sensitivity, input select, mute, output attenuators | Power, mode DIP switches, input sensitivity, input select, mute, output attenuators | Power, mode DIP switches, input sensitivity, input select, mute, output attenuators | Power, remote input, mute, output attenuators programmed with web interface | Power, remote input, mute, output attenuators programmed with web interface |
| Power LZ @ 8 Ω | 4 × 300 W | 2 × 600 W | 2 × 1000 W | 4 × 150 W | 4 × 300 W |
| Power HZ @ 70/100 V | 4 × 300 W | 2 × 600 W | 2 × 1000 W | 4 × 150 W | 4 × 300 W |
| AmpLink | 8 channels, RJ-45 | 8 channels, RJ-45 | 8 channels, RJ-45 | No | No |
| Dante | No | No | No | No | No |
| Dimensions (Rack Height, H × W × D) | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in |



| PowerShare | | | | | |
|--|--|--|--|---|--|
| | PS404A | PS602 | PS604A | PS404D | PS604D |
| |  |  |  |  |  |
| Unbalanced Inputs | — | 2, stereo RCA | — | — | — |
| Balanced Inputs | 4, Euroblock | 2, Euroblock | 4, Euroblock | 4, Euroblock | 4, Euroblock |
| Additional Inputs | — | — | — | — | — |
| Outputs | 4, Euroblock | 2, Euroblock | 4, Euroblock | 4, Euroblock | 4, Euroblock |
| Control | Power, mode DIP switches, EQ presets, input select, output attenuators integrated DSP PowerShare Editor software | Power, mode DIP switches, EQ presets, input select, output attenuators integrated DSP PowerShare Editor software | Power, mode DIP switches, EQ presets, input select, output attenuators integrated DSP PowerShare Editor software | Power, output attenuators integrated DSP ControlSpace Designer software | Power, output attenuators integrated DSP ControlSpace Designer software |
| Power LZ @ 4 Ω/8 Ω | 4 × 100 W | 2 × 300 W | 4 × 150 W | 4 × 100 W | 4 × 150 W |
| Power HZ @ 70/100 V | 4 × 100 W | 2 × 300 W | 4 × 150 W | 4 × 100 W | 4 × 150 W |
| AmpLink | 24 channels, RJ-45 | No | 24 channels, RJ-45 | No | No |
| Dante | No | No | No | 4 ch; RJ-45 | 4 ch; RJ-45 |
| Dimensions (Rack Height, H × W × D) | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in | 1RU 44 × 483 × 414 mm 1.7 × 19.0 × 16.3 in |



| PowerMatch | | | | | | | | |
|--|---|---|---|---|--|---|---|---|
| | PM4250 | PM4250N | PM4500 | PM4500N | PM8250 | PM8250N | PM8500 | PM8500N |
| |  |  |  |  |  |  |  |  |
| Balanced Inputs | 4, Euroblock contact | 4, Euroblock contact | 4, Euroblock contact | 4, Euroblock contact | 8, Euroblock contact | 8, Euroblock contact | 8, Euroblock contact | 8, Euroblock contact |
| Expansion Slot | 1 slot, 4–24 channels, card-dependent | 1 slot, 4–24 channels, card-dependent | 1 slot, 4–24 channels, card-dependent | 1 slot, 4–24 channels, card-dependent | 1 slot, 4–24 channels, card-dependent | 1 slot, 4–24 channels, card-dependent | 1 slot, 4–24 channels, card-dependent | 1 slot, 4–24 channels, card-dependent |
| Outputs | Configurable 1–4 outputs, Euroblock | Configurable 1–4 outputs, Euroblock | Configurable 1–4 outputs, Euroblock | Configurable 1–4 outputs, Euroblock | Configurable 2–8 outputs, Euroblock | Configurable 2–8 outputs, Euroblock | Configurable 2–8 outputs, Euroblock | Configurable 2–8 outputs, Euroblock |
| Control | LCD, ControlSpace Designer software | LCD, ControlSpace Designer software | LCD, ControlSpace Designer software | LCD, ControlSpace Designer software | LCD, ControlSpace Designer software | LCD, ControlSpace Designer software | LCD, ControlSpace Designer software | LCD, ControlSpace Designer software |
| Computer Connection | USB | Ethernet; RJ-45 | USB | Ethernet; RJ-45 | USB | Ethernet; RJ-45 | USB | Ethernet; RJ-45 |
| Power LZ @ 4 Ω @ 8 Ω | 4 × 250 W 4 × 250 W | 4 × 250 W 4 × 250 W | 4 × 500 W 4 × 300 W | 4 × 500 W 4 × 300 W | 8 × 250 W 8 × 250 W | 8 × 250 W 8 × 250 W | 8 × 500 W 8 × 300 W | 8 × 500 W 8 × 300 W |
| Power HZ @ 70 V @ 100 V | 2 × 400 W 2 × 500 W | 2 × 400 W 2 × 500 W | 2 × 800 W 2 × 1000 W | 2 × 800 W 2 × 1000 W | 4 × 400 W 4 × 500 W | 4 × 400 W 4 × 500 W | 4 × 800 W 4 × 1000 W | 4 × 800 W 4 × 1000 W |
| AmpLink | 24 channels, RJ-45, with card | 24 channels, RJ-45, with card | 24 channels, RJ-45, with card | 24 channels, RJ-45, with card | 24 channels, RJ-45, with card | 24 channels, RJ-45, with card | 24 channels, RJ-45, with card | 24 channels, RJ-45, with card |
| Dante | 8 × 8 channels, RJ-45, with card | 8 × 8 channels, RJ-45, with card | 8 × 8 channels, RJ-45, with card | 8 × 8 channels, RJ-45, with card | 8 × 8 channels, RJ-45, with card | 8 × 8 channels, RJ-45, with card | 8 × 8 channels, RJ-45, with card | 8 × 8 channels, RJ-45, with card |
| Dimensions (Rack Height, H × W × D) | 2RU 88 × 483 × 525 mm 3.5 × 19 × 20.7 in | 2RU 88 × 483 × 525 mm 3.5 × 19 × 20.7 in | 2RU 88 × 483 × 525 mm 3.5 × 19 × 20.7 in | 2RU 88 × 483 × 525 mm 3.5 × 19 × 20.7 in | 2RU 88 × 483 × 525 mm 3.5 × 19 × 20.7 in | 2RU 88 × 483 × 525 mm 3.5 × 19 × 20.7 in | 2RU 88 × 483 × 525 mm 3.5 × 19 × 20.7 in | 2RU 88 × 483 × 525 mm 3.5 × 19 × 20.7 in |

For more detailed specs and testing parameters, please view or download the technical data sheets for these products at PRO.BOSE.COM.