









WIDE-DISPERSION FLUSH MOUNT CEILING SPEAKER



*Delivering a New Level of Audio Performance
in Ceiling-Mounted Speakers*

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| SPECIFICATIONS |  |  |  |  |  |  |
| Model No. | Z-2852C | Z-2322C | Z-2352C | Z-122C | Z-2352SC | Z-1522SC |
| Enclosure | Bass reflex type | | | | — | |
| Rated Input | 60W (high impedance) | 30W (high impedance) | | | 6W (high impedance) | |
| Power Handling Capacity | Continuous pink noise: 90W (8Ω), 60W (16Ω) Continuous program: 180W(8Ω), 120W (16Ω) | Continuous pink noise: 60W (8Ω), 30W (16Ω) Continuous program: 120W(8Ω), 60W (16Ω) | | | Continuous pink noise: 9W (8Ω), 6W (16Ω) Continuous program: 18W(8Ω), 12W (16Ω) | |
| Impedance 100V Line | 170Ω (60W), 330Ω (30W) 670Ω (15W), 3.3kΩ (3W) | 330Ω (30W), 1kΩ (10W), 3.3kΩ (3W), 10kΩ (1W) | | | 1.7kΩ (6W), 3.3kΩ (3W), 10kΩ (1W), 20kΩ (0.5W) | 1.7kΩ (6W), 3.3kΩ (3W) |
| 70V Line | 83Ω (60W), 170Ω (30W) 330Ω (15W), 670Ω (7.5W) 3.3kΩ (1.5W) | 170Ω (30W), 330Ω (15W), 1kΩ (5W), 3.3kΩ (1.5W), 10kΩ (0.5W) | | | 830Ω (6W), 1.7kΩ (3W), 3.3kΩ (1.5W), 10kΩ (0.5W) 20kΩ (0.25W) | 830Ω (6W), 1.7kΩ (3W), 3.3kΩ (1.5W) |
| 25V Line | 83Ω (7.5W), 170Ω (3.7W) 330Ω (1.9W), 670Ω (0.9W) 3.3kΩ (0.2W) | 170Ω (3.7W), 330Ω (1.9W), 1kΩ (0.6W), 3.3kΩ (0.2W), 10kΩ (0.06W) | | | 830Ω (0.75W), 1.7kΩ (0.4W), 3.3kΩ (0.2W), 10kΩ (0.06W), 20kΩ (0.03W) | 830Ω (0.75W), 1.7kΩ (0.4W), 3.3kΩ (0.2W) |
| Low (Adjustable) | 16Ω , 8Ω | | | | | |
| Sound Pressure Level | 91 dB (1W, 1m) | 90 dB (1W, 1m) | | | 89 dB (1W, 1m) | 88 dB (1W, 1m) |
| Frequency Response | 60 ~ 20,000Hz (-10dB), 45 ~ 20,000Hz (-20dB), at installation in1/2 free sound field (measured by installing the unit in the center of a ceiling) | 70 ~ 20,000Hz (-10dB), 50 ~ 20,000Hz (-20dB), at installation in1/2 free sound field (measured by installing the unit in the center of a ceiling) | | | 80 ~ 20,000Hz (-10dB), 50 ~ 20,000Hz (-20dB), at installation in 1/2 free sound field (measured by installing the unit in the center of a ceiling) | 65 ~ 18,000Hz (-10dB), 45 ~ 20,000Hz (-20dB), at installation in 1/2 free sound field (measured by installing the unit in the center of a ceiling) |
| Speaker Component | | | | | | |
| High Frequency | Dome-type | 12cm cone-type | Balanced dome-type | 12cm cone-type | Balanced dome-type | 10cm cone-type |
| Low Frequency | 16cm cone-type | | 12cm cone-type | | 12cm cone-type | |
| Mounting Hole | φ250mm (maximum ceiling thickness : 37mm) | φ200mm (maximum ceiling thickness : 37mm) | | | | φ135mm (maximum ceiling thickness : 37mm) |
| Input Terminal | Removable locking connector with screw-down terminals (2 input terminals and 2 bridge terminals) | | | | Push-in connector (Bridging terminal-2 branch type) | |
| Usable Cable | Solid copper wire : φ0.5 ~ φ1.6mm (equivalent to AWG No.24~14) Stranded copper wire : 0.2 ~ 2.5mm² (equivalent to AWG No.24~14) | | | | 600V Vinyl-insulated cable (IV wire or HIV wire) Solid copper wire; φ0.8 ~ φ1.6mm (equivalent to AWG No. 20 ~ 15) 7-core twisted copper wire : 0.75 ~ 1.25mm² (equivalent to AWG No.18 ~ 17) | |
| Finish | | | | | | |
| Enclosure : | Steel plate, plating | | | | — | |
| Baffle : | Fire-resistant ABS resin (resin material grade; UL-94 V-0 or its equivalent), black | | | | | |
| Rim : | Fire-resistant ABS resin (resin material grade; UL-94 V-0 or its equivalent), white, paint | | | | | |
| Punched Net : | Steel Plate, white, paint | | | | | |
| Duts-proof bag : | | | | | Artificial fiber, black | |
| Dimensions | φ280 x 227 (D)mm | φ230 x 200 (D)mm | φ230 x 229 (D)mm | φ230 x 229 (D)mm | φ230 x 154 (D)mm | φ155 x 117 (D)mm |
| Weight | 5.1kg (including mounting accessories) | 3.7kg (including mounting accessories) | 3.7kg (including mounting accessories) | 3.7kg (including mounting accessories) | 1.5kg (including panel) | 1kg (including panel) |
| Accessories Panel : | 1 | | | | | |
| Ceiling reinforcement Ring : | 1 | | | | — | |
| Safety Wire : | 1 | | | | — | |
| Paper pattern : | 1 | | | | | |
| Option Anchor hanging bracket : | ZY-AH1 | | | | — | |
| Back can : | — | ZY-BC1 | | | — | |
| Tile bar bridge : | ZY-TB1 | | | | — | |
| Trim ring : | — | ZY-TR1 | | | — | |
| Electronic controller : | — | | | AC-120C | — | |

Note : The Z-122C must be used with an Electronic Controller AC-120

Optional Accessories



* Specifications are subject to change without notice for improvement