

The F-2352SCEN Q is certified according to the European EN 54-24:2008, DoP number is 20-001

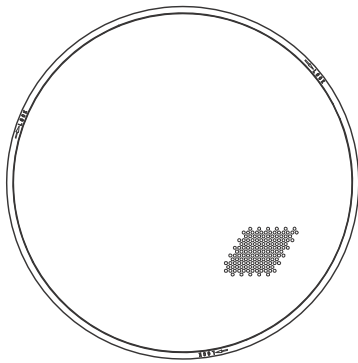
DESCRIPTION

The F-2352SCEN Q ceiling-mounted speaker covers an extremely wide area and can be used for 25, 70 and 100V line application. Well-balanced sound can be heard uniformly at any location.

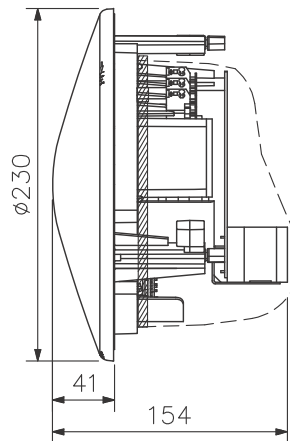
SPECIFICATIONS

Rated Input	6 W (High Impedance)
Rated Impedance	100 V Line : 1.7 k Ω (6 W), 3.3 k Ω (3 W), 10 k Ω (1 W), 20 k Ω (0.5 W) 70 V Line : 830 Ω (6 W), 1.7 k Ω (3 W), 3.3 k Ω (1.5 W), 10 k Ω (0.5 W), 20 k Ω (0.25 W) 25 V Line : 830 Ω (0.75 W), 1.7 k Ω (0.4 W), 3.3 k Ω (0.2 W), 10 k Ω (0.06 W), 20 k Ω (0.03 W) 8 Ω
Sensitivity	89 dB (1 W, 1 m) (500 Hz – 5 kHz, pink noise) 88 dB (1 W, 1 m) (100 Hz – 10 kHz, pink noise) 76 dB (1 W, 4 m) (100 Hz – 10 kHz, pink noise)
Maximum Sound Pressure Level	95 dB (1 W, 1 m) (100 Hz – 10 kHz, pink noise) 83 dB (1 W, 4 m) (100 Hz – 10 kHz, pink noise)
Frequency Response	80 Hz – 20 kHz (–10 dB) 50 Hz – 20 kHz (–20 dB)
Coverage Angle (–6 dB)	Horizontal and Vertical : 171° (500 Hz), 143° (1 kHz), 128° (2 kHz), 117° (4 kHz) according to EN 54-24
Dust/Water Protection	IP21C
Speaker Component	High frequency: Balance dome-type, Low frequency: 12 cm (4.72") cone-type
Operating Temperature	–10 °C to +50 °C (14 °F to 122 °F)
Mounting Hole	ø200 mm (Maximum ceiling thickness: 37 mm)
Input Terminal	Push-in connector (Bridging terminal–2 branch type)
Usable Cable	600 V Vinyl-insulated cable (IV wire or HIV wire) Solid copper wire: ø0.8 – ø1.6 mm (equivalent to AWG No. 20 – 15) 7-core twisted copper wire: 0.75 – 1.25 mm ² (equivalent to AWG No. 18 – 17)
Finish	Baffle: Fire-resistant ABS resin (resin material grade: UL-94 V-0), black Rim: Fire-resistant ABS resin (resin material grade: UL-94 V-0), White, paint Punched net: Steel plate, white, paint Splash-Proof Cover: Artificial fiber, black
Dimensions	ø230 x 154 (D) mm
Weight	1.5 kg (including panel)
Accessories	Panel ...1, Paper pattern ...1, Zip tie ...3, Cover Hook ...6, Screw ...6
Option	Back can: HY-BC1 Reinforcement ring: HY-RR2 Anchor hanging bracket: HY-AH1 (HY-RR2 required) Tile bar bridge: HY-TB1 (HY-RR2 required) Trim ring: HY-TR1 (HY-RR2 required)

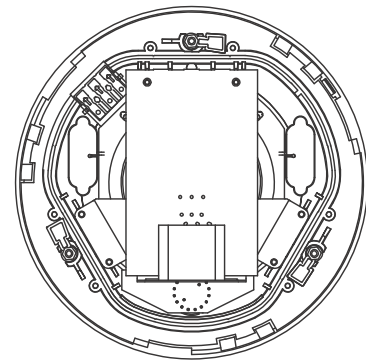
■ APPEARANCE



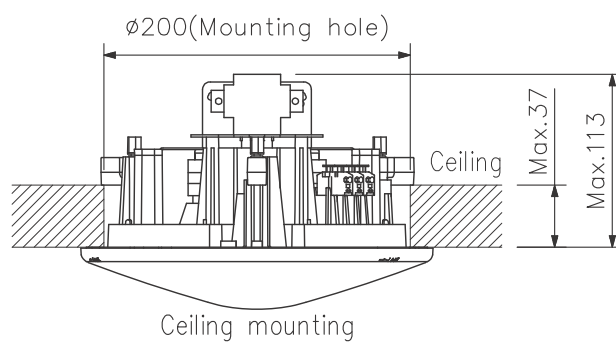
Front View



Side View



Rear View



Ceiling mounting

UNIT:mm SCALE:1/5