

SC-615M

PAGING HORN SPEAKER



The SC-615M is a compact, highly intelligible speaker suited to public address announcement applications. Its external speaker component finished with powder coating, and stainless steel bracket and screws ensure the unit's weatherproof capability.

Key features

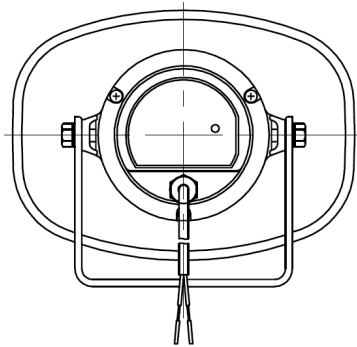
- Delivers Clear Audio: High sound pressure level (112 dB) ensures intelligible voice announcements.
- Weather-Resistant Design: IP65-rated and corrosion-resistant materials support outdoor use in typical conditions.
- Durable Build: Shock-resistant aluminum horn and stainless steel hardware provide long-term reliability.
- Flexible System Integration: Equipped with an impedance selector for easy matching in distributed audio systems.

Specifications

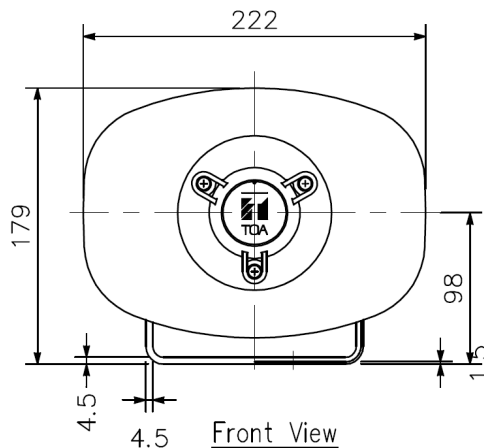
Rated Input	15 W
Rated Impedance	100 V line: 670 Ω (15 W), 1 k Ω (10 W), 2 k Ω (5 W), 3.3 k Ω (3 W) 70 V line: 330 Ω (15 W), 670 Ω (7.5 W), 1 k Ω (5 W), 2 k Ω (2.5 W), 3.3 k Ω (1.5 W)
Sound Pressure Level	112 dB (1 W, 1 m at 500 Hz to 2.5 kHz peak level)
Frequency Response	280 Hz - 12.5 kHz
Polarity	Hot: Black, Com: White
Dust/Water Protection	IP65
Operating Temperature	-20 °C to +55 °C (-4 °F to 131 °F) (must be free from dew condensation)
Finish	Horn flare: Aluminum, off-white, powder coating Reflector horn and rear cover: ABS resin, off-white Bracket, Screws and bolts: Stainless steel Speaker cable: Polyvinyl chloride insulated cabtyre cable (6 mm in diameter, 600 mm in length)
Dimensions	222 (W) x 179 (H) x 234 (D) mm
Weight	1.3 kg
Optional Accessories	Swivel bracket: YS-151S (Can be used instead of the supplied bracket.)

Note: Avoid installing the speaker in locations which vibrate considerably, or under environments easy to be oil-contaminated.

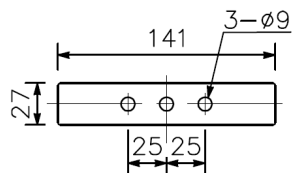
Dimensions



Rear View

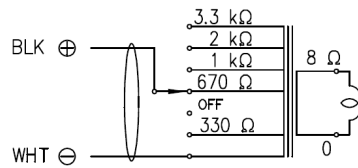


Front View



Bracket dimensional diagram

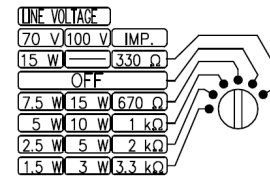
UNIT:mm



(Transformer connection when the speaker is supplied from the factory)

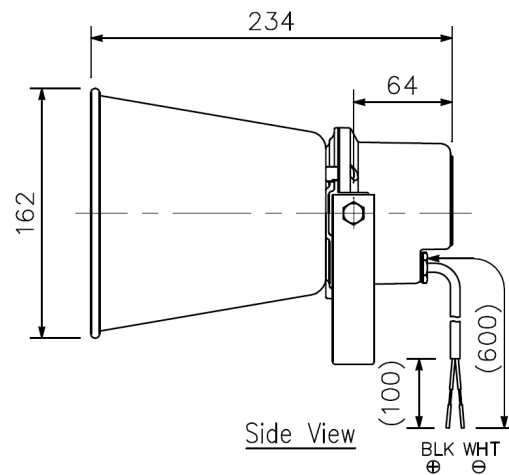
Wiring diagram

CAUTION
NEVER SET THE SWITCH TO "III" POSITION
FOR 100 V LINE OPERATION, AS DOING SO MAY
RESULT IN DAMAGE TO THE SPEAKER.



Set the impedance selector to the desired impedance.

Impedance selection



Side View

Note: Numerical values in parentheses are for reference only.

A&E specifications

Weather-resistant pressure chamber loudspeaker compliant with IP65 in 100 V design, oval horn made of powder-coated aluminum, driver cover made of ABS plastic, swivelling bracket made of stainless steel for precise alignment of the speaker, rear selector switch for power matching

Rated power: 15 W Power matching: 15W, 10W, 5W, 3W Degree of protection: IP65 Frequency response: 280 – 12,500 Hz

Sound pressure (1W/1m): 109 dB (Peak 112dB) Dimensions (W x H x D): 222 x 179 x 234 mm Operating temperature range:

-20°C - +55°C Color: white (RAL 9010)

Manufacturer: TOA Model: SC-615M