

CLEAN ROOM CEILING SPEAKER

PC-5CL

Thank you for purchasing TOA's Clean Room Ceiling Speaker.

Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.

1. SAFETY PRECAUTIONS

- Before installation or use, be sure to carefully read all the instructions in this section for correct and safe operation.
- Be sure to follow all the precautionary instructions in this section, which contain important warnings and/or cautions regarding safety.
- After reading, keep this manual handy for future reference.

Safety Symbol and Message Conventions

Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety hazards.

WARNING

Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.

CAUTION

Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

WARNING

When Installing the Unit

- Install the unit only in a location that can structurally support the weight of the unit and the mounting bracket. Doing otherwise may result in the unit falling down and causing personal injury and/or property damage.
- Be sure to tighten screws when mounting the speaker. If not tightened, the screws may come off due to a vibration, etc. and the speaker may fall, resulting in personal injuries.

CAUTION

When the Unit is in use

- Do not operate the unit for an extended period of time with the sound distorting. Doing so may cause the connected speakers to heat, resulting in a fire.

2. INSTALLATION

Step 1. Make a 98 mm diameter hole in a ceiling. (It is possible to use the supplied pattern paper for a 98 mm diameter hole.)

Step 2. Attach the supplied rubber gasket to the panel.

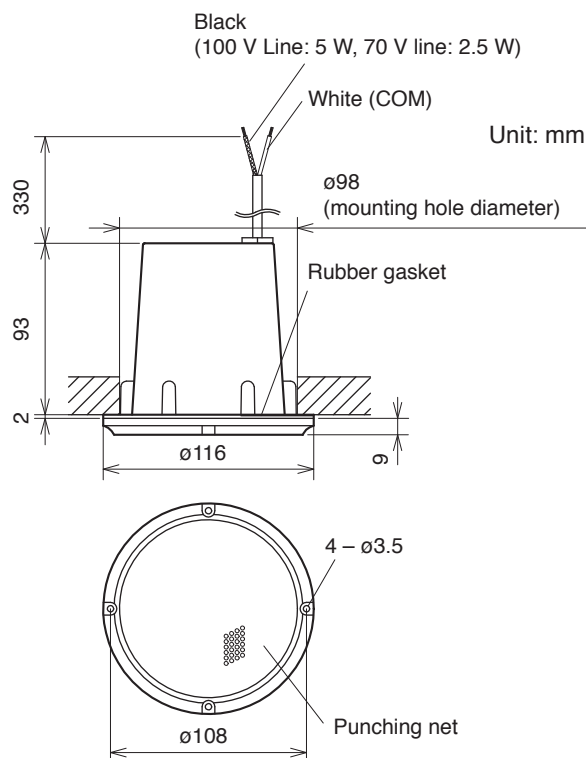
Step 3. Connect the input cable to the speaker cable.

100 V Line	COM	HOT
5 W (2 kΩ)	White	Black
70 V Line	COM	HOT
2.5 W (2 kΩ)	White	Black

Step 4. Using the four supplied tapping screws, secure the speaker to the ceiling.

Note

Ensure that the ceiling surface is strong (equivalent to the plywood thicker than 5 mm) enough to hold the screws.



3. SPECIFICATIONS

Rated Power	5 W
Rated Impedance	100 V line: 2 kΩ (5 W), 70 V line: 2 kΩ (2.5 W)
Sensitivity	87 dB (1 W, 1 m)
Frequency Response	150 Hz – 20 kHz
Enclosure	Completely sealed type
Speaker Component	8 cm cone-type (vibration section : high molecular substance)
Operating Temperature	–20 to +55 °C
Dust Particle Prevention	No dust particle is produced by the method set out in JIS B-9926.
Finish	Panel: Alloy-coated ABS resin Enclosure: ABS resin, off-white Punching net: Stainless steel Exposed fixing screw: Stainless steel
Dimensions	ø116 x 104 (d) mm
Weight	620 g
Dimensions for Fixing Holes	ø98 mm

Note: The design and specifications are subject to change without notice for improvement.

• Accessories

Rubber gasket (chloroprene rubber) 1
Tapping screw (3 x 16) 4
Pattern paper 1

Traceability Information for Europe

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