

TRIM RING

HY-TR1

Please follow the instructions in this manual to obtain the optimum results from this unit. We also recommend that you keep this manual handy for future reference.

1. SAFETY PRECAUTIONS

- Be sure to read the instructions in this section carefully before use.
- Make sure to observe the instructions in this manual as the conventions of safety symbols and messages regarded as very important precautions are included.
- We also recommend you keep this instruction manual handy for future reference.



WARNING

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

- Leave the installation to your TOA dealer because the installation requires expert knowledge. Improper installation may cause the speaker to fall, resulting in personal injury and/or property damage.
- Install the mounting hardware in a location that can structurally support the weight of the mounting hardware and the speaker. Doing otherwise may result in the speaker falling down and causing personal injury and/or property damage.
- Do not use other methods than specified to mount the unit. Extreme force is applied to the unit and the unit could fall off, possibly resulting in personal injuries.
- Tighten each screw securely. Ensure that the unit has no loose joints after installation to prevent accidents that could result in personal injury.
- Use the specified speaker in combination. Doing otherwise may cause the speaker or component to fall off, resulting in personal injury.



CAUTION

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

- Avoid touching the unit's sharp metal edge to prevent injury.

2. GENERAL DESCRIPTION

TOA's HY-TR1 Trim Ring is used to install flush-mounted ceiling speakers in larger-than-designated mounting holes. Using up to two HY-TR1 rings in combination with other mounting hardware allows the speaker to be installed in mounting holes of from 200 to 300 mm (7 7/8" – 11 13/16") in diameter.

3. SPECIFICATIONS

Mounting Hole Diameter	ø200 – ø300 mm (7 7/8" – 11 13/16")
Finish	Surface-treated steel plate, white, paint
Dimensions	ø320 mm (1.2 mm in thickness) or ø12 19/32" (3/64" in thickness)
Weight	500 g
Usable Speaker	F-122C, F-122CU, F-2322C, F-2352C

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

4. INSTALLATION

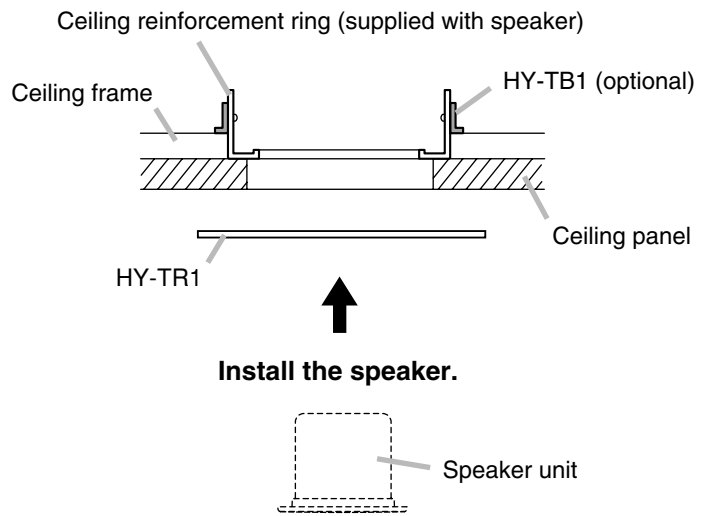
Refer to the speaker's instruction manual for information.

4.1. When the mounting hole is 200 – 240 mm (7 7/8" – 9 29/64") in diameter

Use a single Trim Ring in conjunction with the ceiling reinforcement ring supplied with the speaker.

Note

To increase the ceiling's structural strength, add an optional HY-TB1 Tile Bar Bridge. (For installation, refer to the instruction manual included with the HY-TB1.)

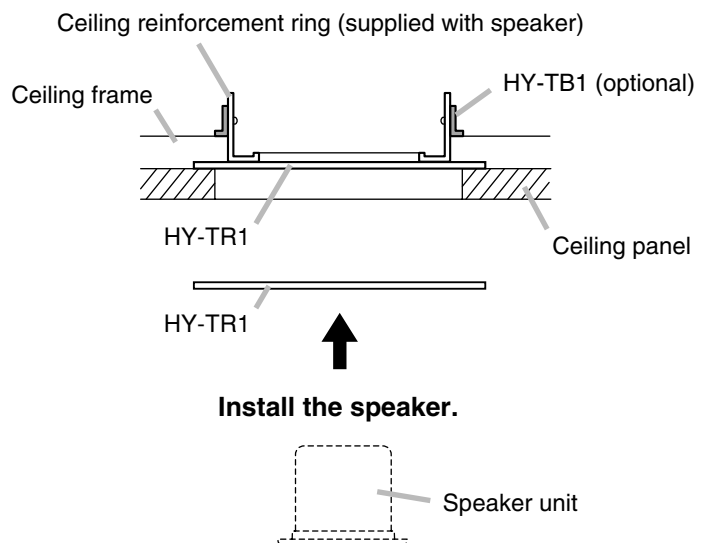


4.2. When the mounting hole is 240 – 300 mm (9 29/64" – 11 13/16") in diameter

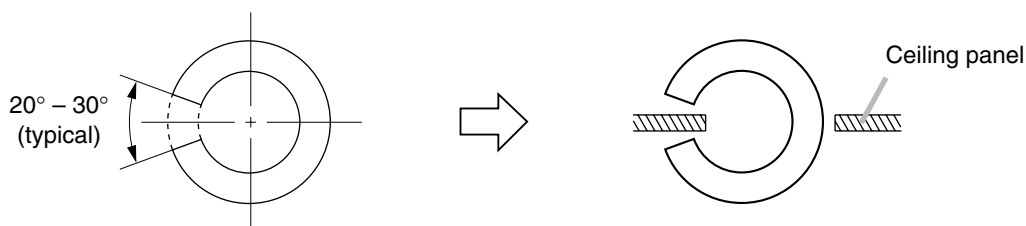
Use two Trim Rings (above and below the ceiling panel) in conjunction with the ceiling reinforcement ring supplied with the speaker.

Note

To increase the ceiling's structural strength, add an optional HY-TB1 Tile Bar Bridge. (For installation, refer to the instruction manual included with the HY-TB1.)



If the Trim Ring cannot be installed on the back side of the ceiling, cut the ring as shown in the illustration below.



Note: The cut-out section facilitates insertion of the Trim Ring through the mounting hole.