

# REINFORCEMENT RING

# HY-RR2

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. Incorrect mounting may cause the speaker to 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 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

The HY-RR2 Reinforcement Ring is specially designed for use with the F-2352SC Ceiling Speaker System, enabling the F-2352SC installation to a weak ceiling.

It also permits the F-2352SC to be installed to a wide range of locations in versatile mounting methods using in conjunction with the HY-TB1 Tile Bar Bridge, HY-TR1 Trim Ring, or HY-AH1 Anchor Hanging Bracket.

## 3. SPECIFICATIONS

Mounting Hole Diameter	ø200 mm (7 7/8")
Finish	Surface-treated steel plate
Dimensions	ø260 mm (outer diameter) x 1.2 mm thick or ø10 15/64" (outer diameter) x 3/64" thick
Weight	280 g
Usable Speaker	F-2352SC

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

## 4. INSTALLATION

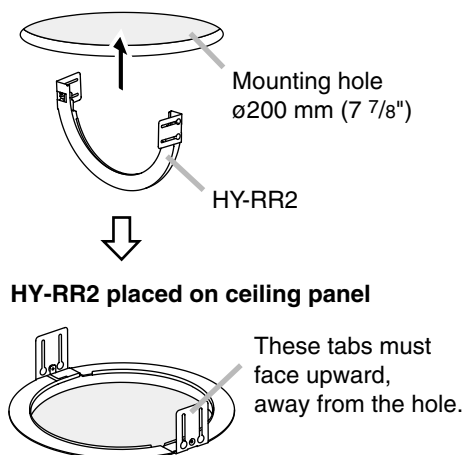
Refer to the F-2352SC speaker's instruction manual for information.

### 4-1. Direct mounting to a weak ceiling panel

Use the HY-RR2.

Fold the HY-RR2 Reinforcement Ring in half\* and insert it through the mounting hole in the ceiling panel, then open it with its tabs facing up. Place the ring on the ceiling panel aligning it with the mounting hole.

\* The HY-RR2 is too large to be inserted into the mounting hole unless folded.

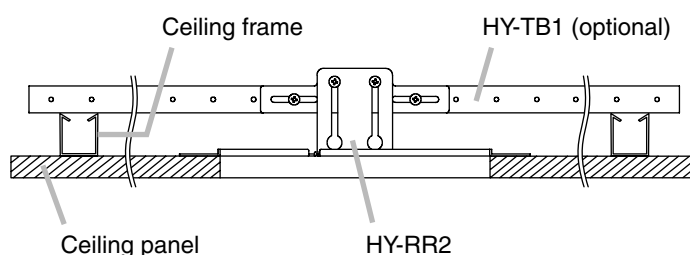


### 4-2. Mounting to a ceiling frame

Use the HY-RR2 in conjunction with the optional HY-TB1 Tile Bar Bridge.

#### Note

Refer to the instruction manual included with the HY-TB1 for the correct ceiling mounting procedure.

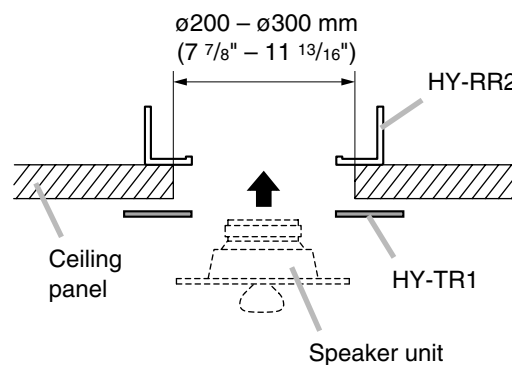


### 4-3. Ceiling mounting to a larger than specified hole

Use the HY-RR2 in conjunction with the optional HY-TR1 Trim Ring.

#### Note

Refer to the instruction manual included with the HY-TR1 for the correct ceiling mounting procedure.



### 4-4. Mounting to an anchor bolt

Use the HY-RR2 in conjunction with the optional HY-AH1 Anchor Hanging Bracket.

#### Note

Refer to the instruction manual included with the HY-AH1 for the correct mounting procedure.

