

INFRARED AUDIO SYSTEM **IR-842 SERIES**

IR-842PMU(MAIN UNIT)

IR-842PSU(SUB UNIT)

IR-842R(EXTERNAL INFRARED RECEIVER)

IR-842HY(SPEAKER STAND ADAPTER)

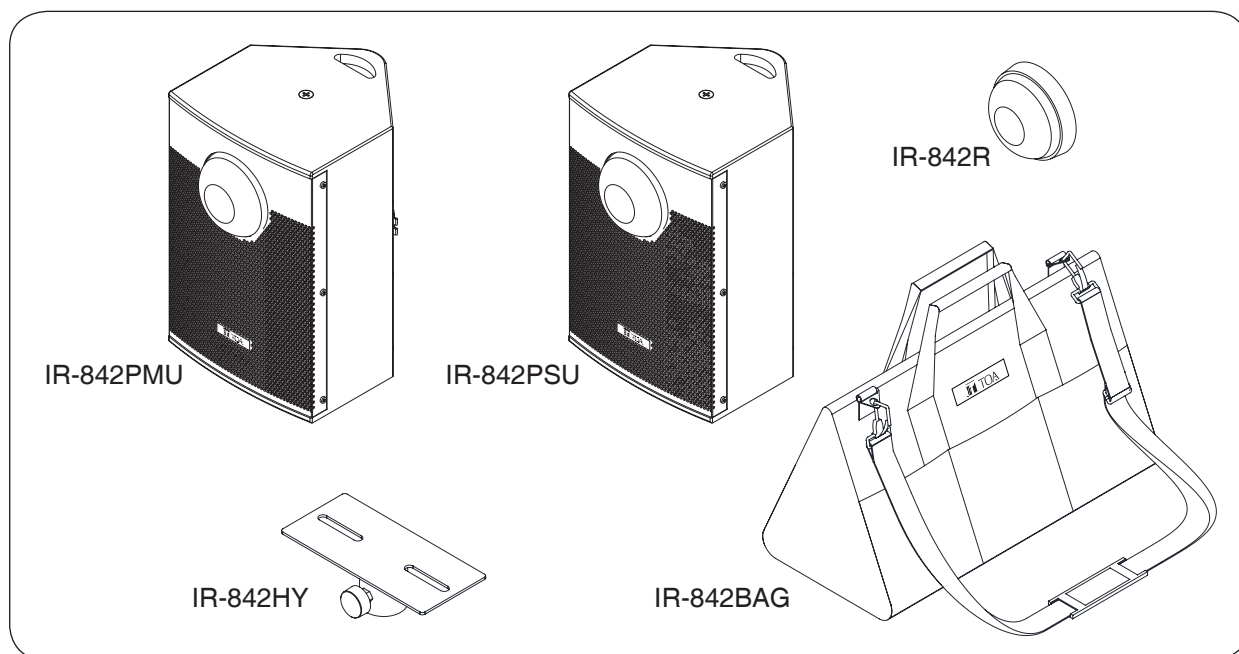
IR-842BAG(BAG)


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Thank you for purchasing TOA's Infrared Audio System.

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.

When Installing the Unit

- Do not expose the unit to rain or an environment where it may be splashed by water or other liquids, as doing so may result in fire or electric shock.
- Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is specified may result in fire or electric shock.
- Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on the power cord, as doing so may result in fire or electric shock.
- Install the speaker only in a location that can structurally support the weight of the speaker and the mounting bracket. Doing otherwise may result in the speaker falling down and causing personal injury and/or property damage.
- Since the speaker is designed for in-door use, do not install it outdoors. If installed outdoors, the aging of parts causes the speaker to fall off, resulting in personal injury.
- Owing to the speaker's size and weight, be sure that at least two persons are available to install the speaker. Failure to do so could result in personal injury.
- Do not use other methods than specified to install the speaker. Extreme force is applied to the speaker and it could fall off, possibly resulting in personal injuries.
- Tighten each nut and bolt securely. Ensure that the unit has no loose joints after installation to prevent accidents that could result in personal injury.

- Do not mount the speaker in locations exposed to constant vibration. The mounting bracket can be damaged by excessive vibration, potentially causing the speaker to fall, which could result in personal injury.
- The apparatus shall be connected to a mains socket outlet with a protective earthing connection.
- The socket-outlet shall be installed near the equipment and the plug (disconnecting device) shall be easily accessible.
- The unit is not suitable for use in locations where children are likely to be present.

When the Unit is in Use

- Should the following irregularity be found during use, immediately switch off the power, disconnect the power supply plug from the AC outlet and contact your nearest TOA dealer. Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.
 - If you detect smoke or a strange smell coming from the unit.
 - If water or any metallic object gets into the unit.
 - If the unit falls, or the unit case breaks.
 - If the power supply cord is damaged (exposure of the core, disconnection, etc.).
 - If it is malfunctioning (no tone sounds.).
- To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit. Refer all servicing to your nearest TOA dealer.
- Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.
- Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.



CAUTION

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

When Installing the Unit

- Never plug in nor remove the power supply plug with wet hands, as doing so may cause electric shock.
- When unplugging the power supply cord, be sure to grasp the power supply plug; never pull on the cord itself. Operating the unit with a damaged power supply cord may cause a fire or electric shock.
- When moving the unit, be sure to remove its power supply cord from the wall outlet. Moving the unit with the power cord connected to the outlet may cause damage to the power cord, resulting in fire or electric shock. When removing the power cord, be sure to hold its plug to pull.
- Do not block the ventilation slots in the unit's cover. Doing so may cause heat to build up inside the unit and result in fire.
- Avoid installing the unit in humid or dusty locations, in locations exposed to the direct sunlight, near the heaters, or in locations generating sooty smoke or steam as doing otherwise may result in fire or electric shock.
- To avoid electric shocks, be sure to unplug the unit's power supply cord when connecting speakers.
- If combining the unit with a loudspeaker pole and a loudspeaker, always ensure that the unit is stable so that it cannot tip over.



The lightning lash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

When the Unit is in Use

- Do not place heavy objects on the unit as this may cause it to fall or break which may result in personal injury and/or property damage. In addition, the object itself may fall off and cause injury and/or damage.
- Do not stand or sit on, nor hang down from the speaker as this may cause it to fall down or drop, resulting in personal injury and/or property damage.
- Make sure that the volume control is set to minimum position before power is switched on. Loud noise produced at high volume when power is switched on can impair hearing.
- Do not operate the unit for an extended period of time with the sound distorting. This is an indication of a malfunction, which in turn can cause heat to generate and result in a fire.
- If dust accumulates on the power supply plug or in the wall AC outlet, a fire may result. Clean it periodically. In addition, insert the plug in the wall outlet securely.
- Switch off the power, and unplug the power supply plug from the AC outlet for safety purposes when cleaning or leaving the unit unused for 10 days or more. Doing otherwise may cause a fire or electric shock.
- If physical external influences on the unit are to be expected, which could impair its stability, appropriate countermeasures must be taken. Tipping this unit over may break the unit, cause damage to the internal parts or result in personal injury.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instruction in the literature accompanying the appliance.

2. GENERAL DESCRIPTION

The IR-842 series is a compact, portable infrared classroom soundfield system.

It is designed for use in conjunction with TOA's IR-200M (hand-held type), IR-300M (hands-free type) or IR-310M (hands-free type) infrared microphone, featuring high sensitivity and clear sound.

3. FEATURES

- IR MIC (CH-A), IR MIC (CH-B), MIC, AUX, Bluetooth 5 audio inputs, the volume can be adjusted independently.
- AUX, Speaker 2 kinds of audio output.
- External infrared receiver can be connected to expand infrared coverage.
- Comes with a handle for portable indoor use, accessory for speaker stand mounting, and speaker mount for wall mounting.

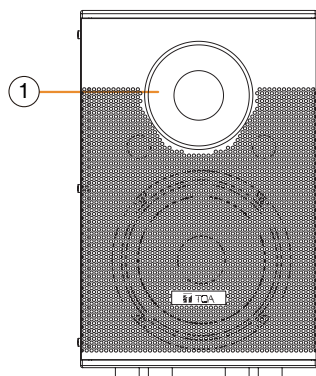
4. HANDLING PRECAUTIONS

- The speaker's life could be extremely shortened by salt damage. Therefore, do not install the unit near or on the beach.
- To clean, be sure to first switch off the unit's power, then wipe with a dry cloth. When the unit gets very dirty, use a cloth damped in a neutral cleanser. Never use benzene, thinner or chemically-treated cleaning cloth because such volatile liquids could deform or discolor the unit.

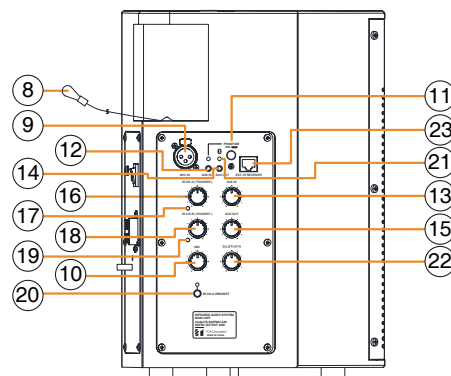
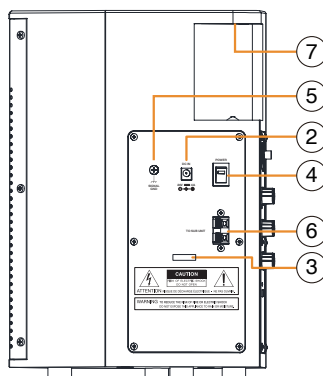
5. NOMENCLATURE AND FUNCTIONS

5.1. Main Unit

[Front]



[Rear]



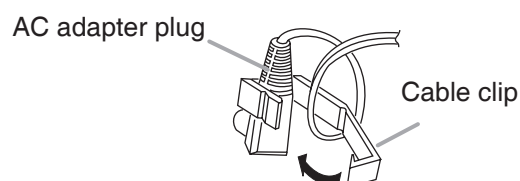
1. Infrared receiver

2. DC inlet [DC IN]

Connect the supplied AC adapter.
The supply voltage is between 100 V and 240 VAC, 50-60 Hz.

3. Cable clip

Run the AC adapter cable through this clip to prevent its plug from being removed.



4. Power switch

Flip this switch to turn the power on and off.
Power indicator (Green) lights when the power switch is set to on.

5. Functional ground terminal

- In cases where there is significant environmental EMF, the infrared receiving distance may become shorter. Ground this screw may increase the infrared reception distance.
- Ground this screw to prevent static electricity from causing the equipment to operate improperly.

Note

This terminal is not for protective grounding.

6. Speaker output terminal

Connect to the speaker input terminal of the **SUB UNIT**.

Red: +, black: -.

7. Portable handle

Use this handle to carry the unit.

Note

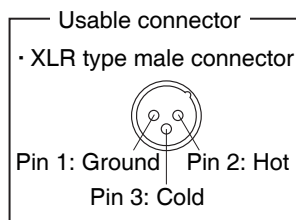
Use this handle only to transport the unit.
Never suspend the unit from this handle.

8. Safety wire

To ensure safety, the safety wire must be securely fastened to the bracket mounting screw when mounting the main unit to the wall. (**Refer to page 11**)

9. MIC input terminal

-42 dBV, 2.2 k Ω , electronically balanced, female XLR connector.



10. MIC volume control

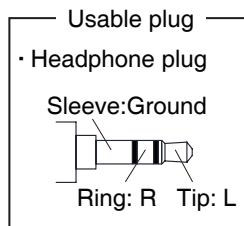
Adjust the microphone input signal level.
Turn control clockwise to increase and counterclockwise to decrease the level.

11. Phantom power

24V switchable phantom power for condenser MIC.
Phantom power indicator (Green) lights when the switch is set to on.

12. AUX input terminal

-10 dBV, 10 k Ω , stereo pair, unbalanced, headphone jack.



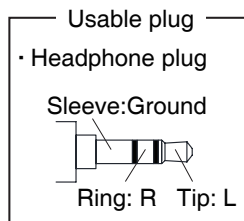
13. AUX input volume control

Adjust the AUX input signal level. Turn control clockwise to increase and counterclockwise to decrease the level.

14. AUX output terminal

-10 dBV, 10 k Ω , stereo pair, unbalanced, headphone jack.

The signals of each input channel of CH-A/CH-B/MIC/AUX/Bluetooth are mixed and output from this terminal.



15. AUX output volume control

Adjust the AUX output signal level. Turn control clockwise to increase and counterclockwise to decrease the level.

16. IR CH-A(Teacher) volume control

Adjust the CH-A infrared microphone input signal level. Turn control clockwise to increase and counterclockwise to decrease the level.

17. IR CH-A Reception indicator(green)

Lights during CH-A infrared microphone reception.

18. IR CH-B(Student) volume control

Adjust the CH-B infrared microphone input signal level. Turn control clockwise to increase and counterclockwise to decrease the level.

19. IR CH-B Reception indicator(green)

Lights during CH-B infrared microphone reception.

20. IR CH-A Priority

When the switch is pressed, the red indicator lights up and the CH-A infrared microphone priority function is enabled.

When CH-A and other audio sources (CH-B/MIC/AUX/Bluetooth) are used at the same time, the sounds of other audio sources will be muted.

21. Bluetooth reception indicator(blue)

Indicator flashes when no source device is connected and lights up when a device is.

Bluetooth ID: TOASPKR(plus serial number)

Pairing password: 0842

Note

When the power is turned off, the bluetooth connection information will be erased and you will need to enter the passkey again on the source device to connect.

22. Bluetooth volume control

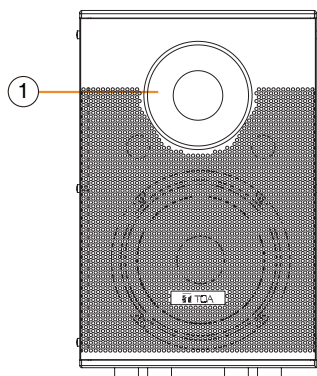
Adjust the bluetooth input signal level. Turn control clockwise to increase and counterclockwise to decrease the level.

23. External infrared receiver connector

Connect to the external infrared receiver output connector of the **IR-842PSU** or **IR-842R** to expand infrared reception coverage.

5.2. Sub Unit

[Front]



1. Infrared receiver

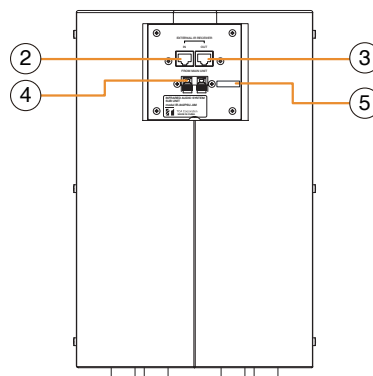
2. External infrared receiver input connector

Connect to the external infrared receiver output connector of the **IR-842R** to expand infrared coverage.

3. External infrared receiver output connector

Connect to the infrared receive input connector of the **IR-842PMU**.

[Rear]



4. Speaker input terminal

Connect to the speaker output terminal of the **MAIN UNIT**.

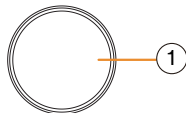
Red: +, black: - .

5. Cable clip

Run the speaker input cable through this clip to prevent its from being removed. (**Refer to page 4 for AC adapter cable fixing method.**)

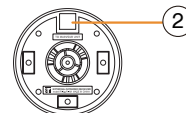
5.3. External Infrared Receiver

[Front]



1. Infrared receiver

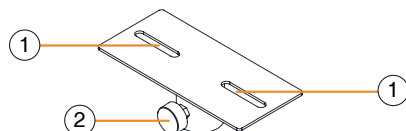
[Rear]



2. Infrared receiver output connector

Connect to the infrared receive input connector of the **IR-842PMU** or **IR-842PSU**.

5.4. Speaker Stand Adapter

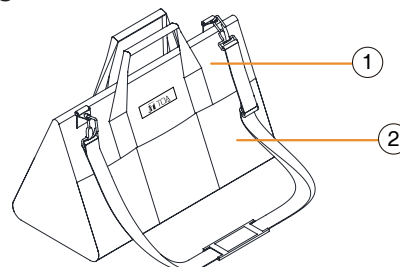


1. MAIN UNIT or SUB UNIT fixing screw holes

2. Bracket fixing screw

Tighten the screws to secure the adapter to the speaker stand.

5.5. Bag



1. Internal Storage

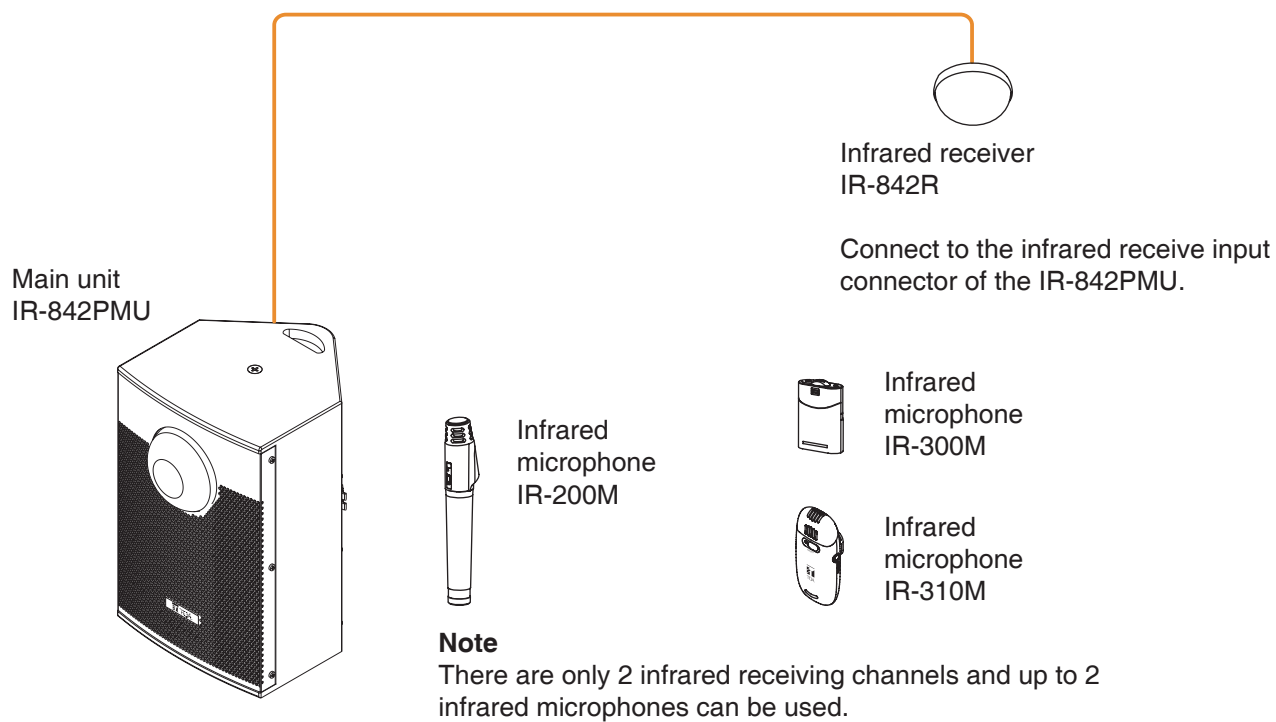
There is 1 large storage compartment and 6 smaller storage compartments for the **MAIN UNIT**(or **SUB UNIT**), AC adapter, microphones, etc.

2. External Storage

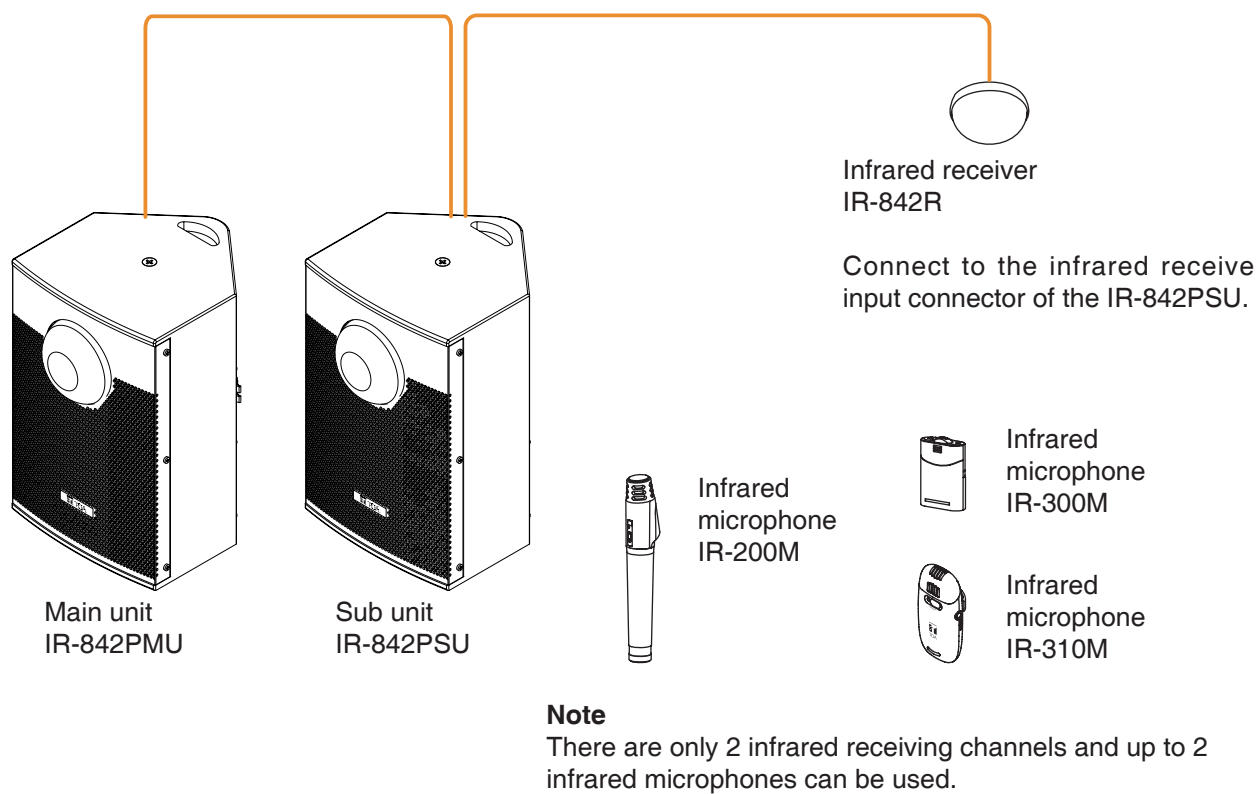
There are 6 small storage compartments for connection cables, etc.

6. SYSTEM CONFIGURATION EXAMPLES

6.1. Using 1 external infrared receiver.

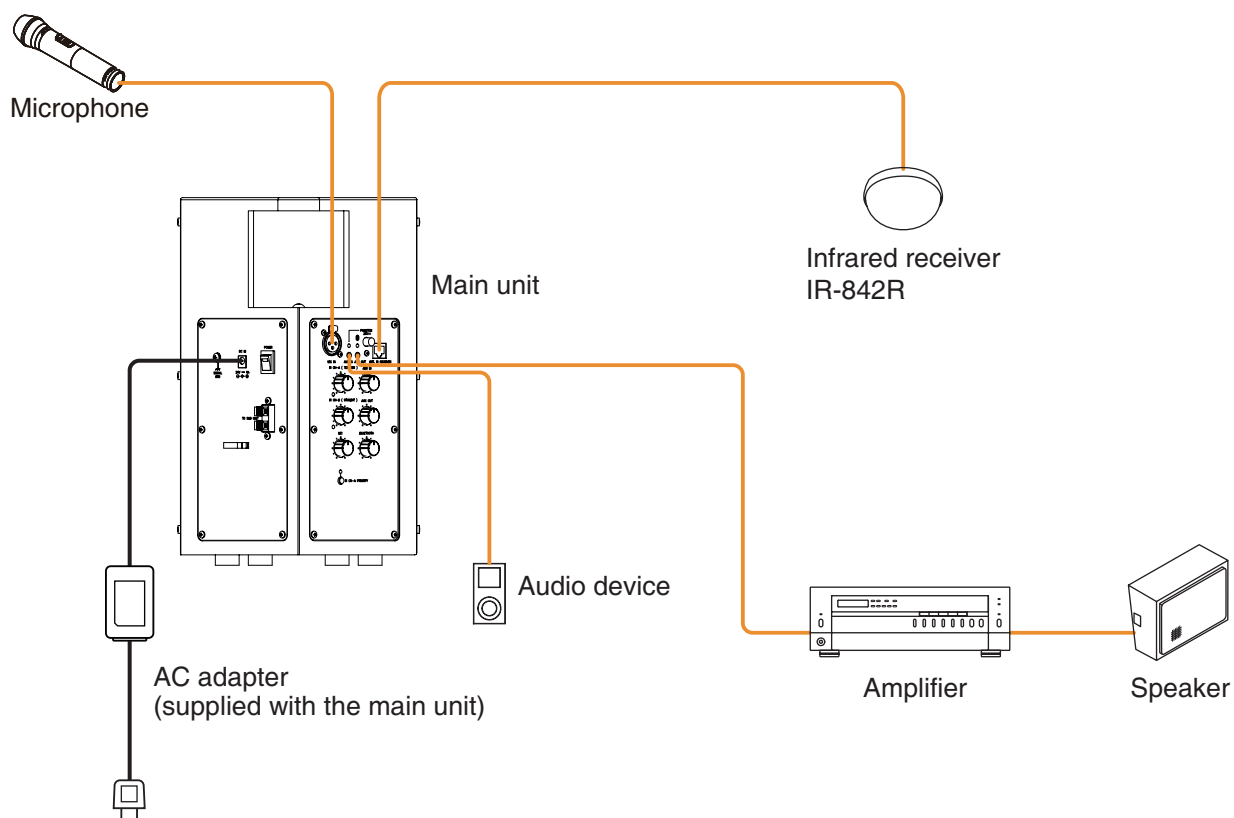


6.2. Using 2 external infrared receivers.

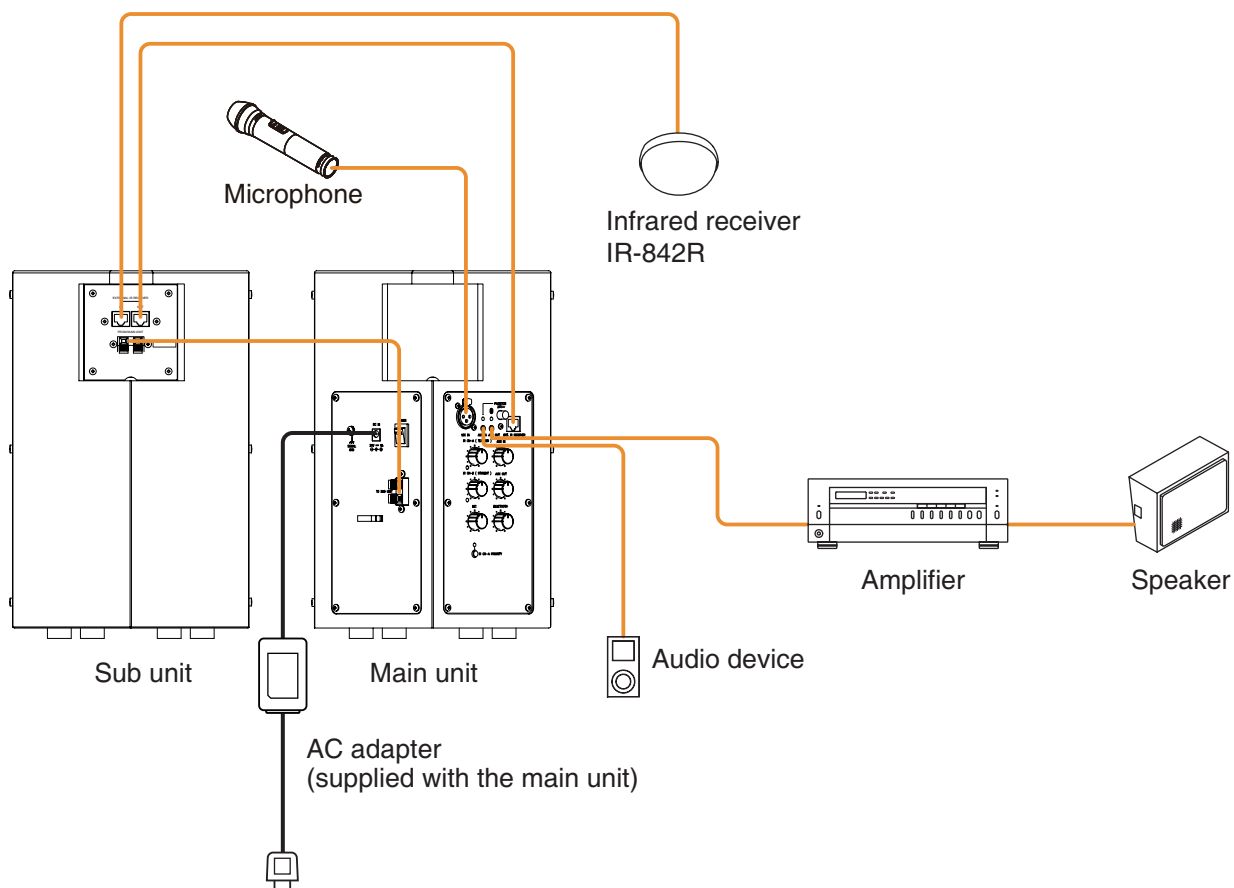


7. CONNECTION EXAMPLE

7.1. Example 1



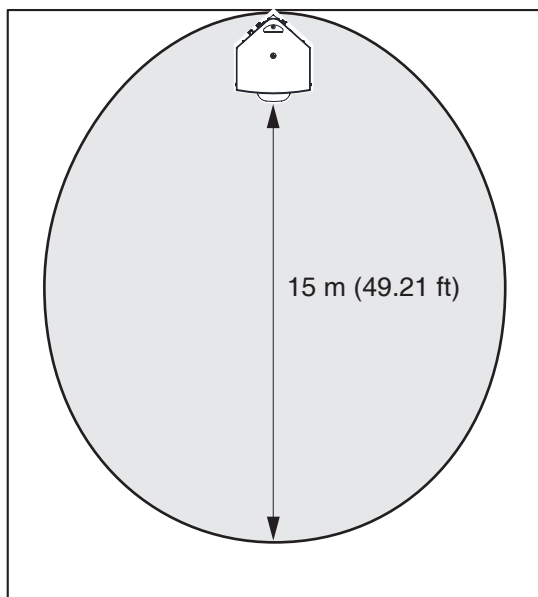
7.2. Example 2



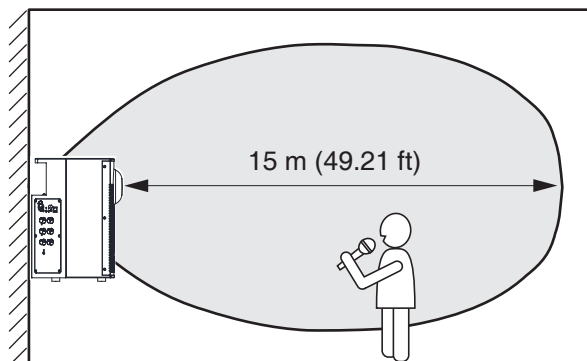
8. INFRARED RECEIVER COVERAGE AREA

8.1. IR-842PMU or IR-842PSU

[Horizontal direction]



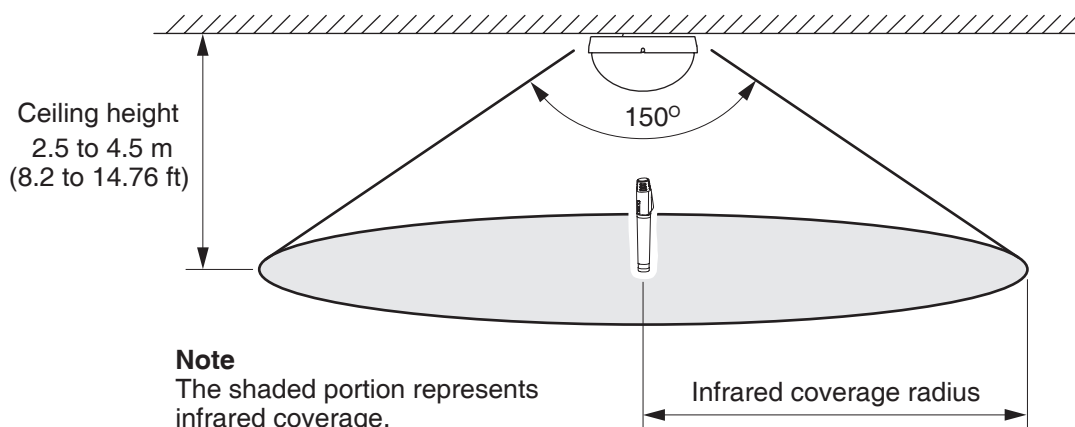
[Vertical direction]



Note

The shaded portion represents the IR coverage.

8.2. IR-842R (Ceiling-mounted type)



Applicable model	Ceiling height	Infrared coverage radius
IR-842R	2.5 m (8.20 ft)	Approx. 7 m (22.97 ft)
	3.0 m (9.84 ft)	
	3.5 m (11.48 ft)	About 6.5 m (21.33 ft)
	4.0 m (13.12 ft)	
	4.5 m (14.76 ft)	About 6 m (19.69 ft)

9. INSTALLING THE INFRARED RECEIVER

Installation Precautions

Because the infrared microphone and receiver have their own directivity for infrared transmission and reception, take care that they are installed and operated under stable communication conditions.

• Number of infrared receivers

Use up to two receivers per system.

• Installation Position

- The infrared beam can be blocked by a physical object leading to loss of reception. To avoid this, install multiple infrared receivers to allow for redundant receivers.
- Install multiple infrared receivers so as to allow constant communications between the infrared microphone and at least one infrared receiver in any specific situation. When installing the infrared receivers, take care that they can sufficiently cover the communications area from different angles. If the infrared microphone is used in the communications area where only one infrared receiver is installed, communications may be interrupted when the infrared beam is blocked by a human body or other objects.
- Install the infrared receivers above user height wherever possible.
- Install the infrared receivers at a height that protects them from damage that could result from being hit by an object.

• Distance between the infrared microphone and receiver

Malfunctions or noise could result from the infrared microphone and receiver being too close to each other. Keep the infrared microphone at least 2 m (6.56 ft) away from the receiver.

• Radio Noise

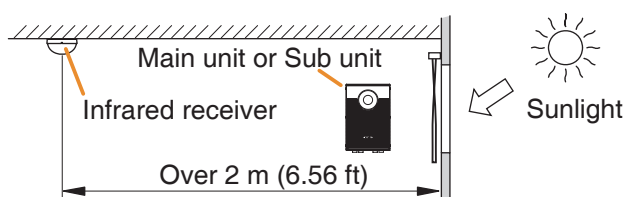
Do not install the infrared receiver and cables close to devices that can generate radio noise, such as: Inverter-powered equipment (fluorescent lights, air-conditioners, etc.), digital equipment, PCs and other computer equipment.

• Sunlight and Fluorescent Lighting

System malfunctions or noise could result from installing the infrared receiver in locations exposed to sunlight, fluorescent lighting or other infrared generating sources. When installing the receiver, make the following arrangements so that it is not exposed to infrared sources:

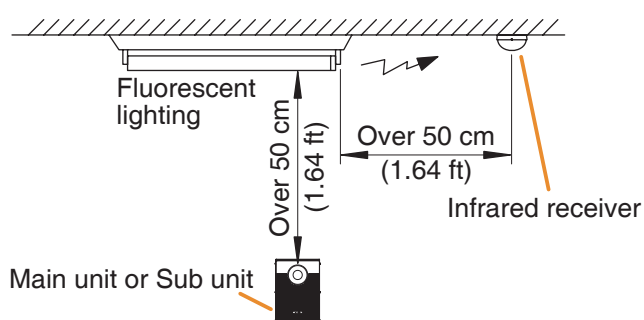
[Avoid Sunlight]

- To prevent equipment from being directly exposed to sunlight, block the sunlight using curtains or window shades.
- When mounting the receiver to a ceiling, keep it at least 2 m (6.56 ft) away from the window.



[Install Away From Fluorescent Lighting]

When installing the receiver, keep it at least 50 cm (1.64 ft) away from the fluorescent lighting.



[Avoid installing close to other infrared sources shown below]

- Lighting device
- Liquid crystal projectors, overhead projectors and incandescent lights
- Plasma displays
- Remote control units, infrared LAN and other infrared devices
- Dimmers

10. INSTALLING THE MAIN UNIT OR SUB UNIT

10.1. Wall Mounting

Step 1. Loosen the 2 screws used to fixing the wall mounting bracket for the main unit or sub unit.

Step 2. Adjust the size and angle of the wall mounting bracket and retighten it with screws.

Note

If the foot pads hinder the angle adjustment of the wall mounting bracket, you can remove the foot pads first.

Step 3. Secure the 2 mounting screws to the wall with the head of the mounting screws exposed to the wall by 4-6mm.

Note

Since no mounting screws are supplied with the **MAIN UNIT** or **SUB UNIT**, separately prepare screws that are appropriate for the construction of wall.

Install the speaker only in a location that can structurally support the weight of the speaker and the mounting bracket. Doing otherwise may result in the speaker falling down and causing personal injury and/or property damage.

Step 4. Hook the **MAIN UNIT** or **SUB UNIT** with the wall mounting bracket installed to the wall mounting screws.

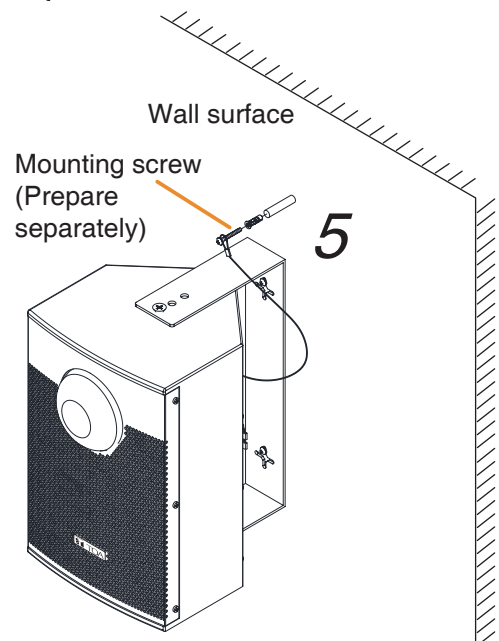
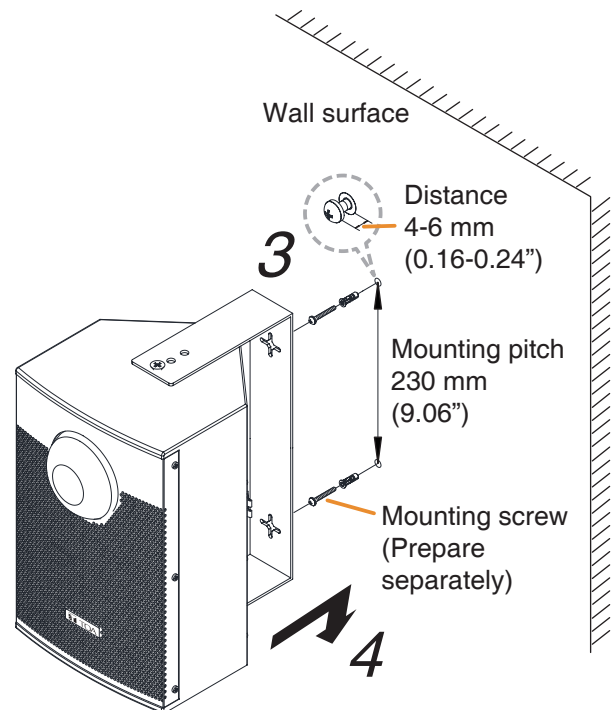
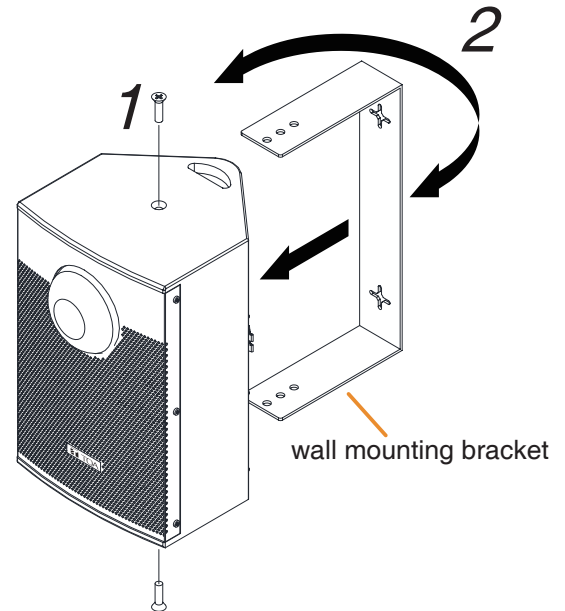
Note

Ensure that the unit has no loose joints after installation to prevent accidents that could result in personal injury.

Step 5. Finally, secure the safety rope of the **MAIN UNIT** or **SUB UNIT** to the wall with mounting screw.

Note

Since no mounting screws are supplied with the **MAIN UNIT** or **SUB UNIT**, separately prepare screws that are appropriate for the construction of wall.



10.2. Mounting Main Unit or Sub Unit on the Speaker Stand

Note

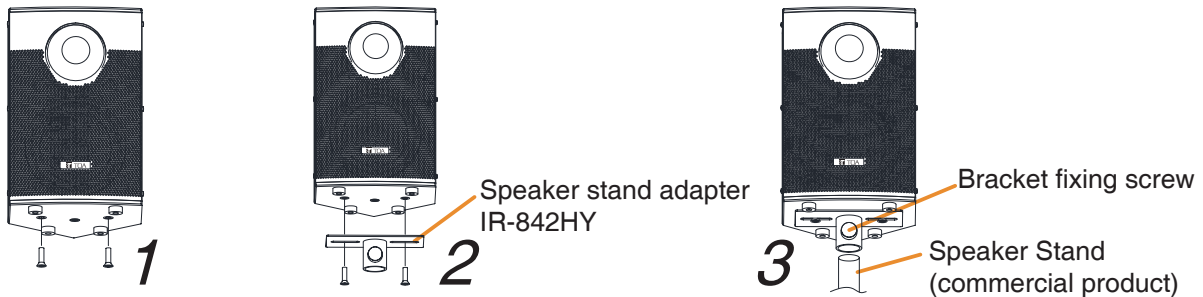
- Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted surface. Doing so may result in the unit falling down and causing personal injury and/or property damage.
- Avoid placing the unit in a doorway or other high traffic area as people may trip on the equipment and cords, or be injured by falling objects.

10.2.1. Installation with IR-842HY speaker stand adapter

Step 1. Loosen the 2 screws on the bottom of the **MAIN UNIT** or **SUB UNIT** that are used to fix the speaker bracket adapter.

Step 2. Lock the speaker bracket adapter with the screws.

Step 3. Install the speaker stand adapter onto the speaker stand and tighten the bracket fixing screw.



10.2.2. Installation with ST-34B speaker stand

Step 1. Loosen the 2 screws on the bottom of the **MAIN UNIT** or **SUB UNIT** that are used to fix the speaker bracket adapter.

Step 2. Lock the speaker bracket adapter with the screws.

Step 3. Loosen the knob B, and spread the legs pulling up the outer pipe until the stays extend horizontally. Then, retighten the knob B.

Step 4. Mount the speaker (with the bracket mounted) onto the stand. Loosen the bracket fixing screw enough for the bracket to fit onto the inner pipe.

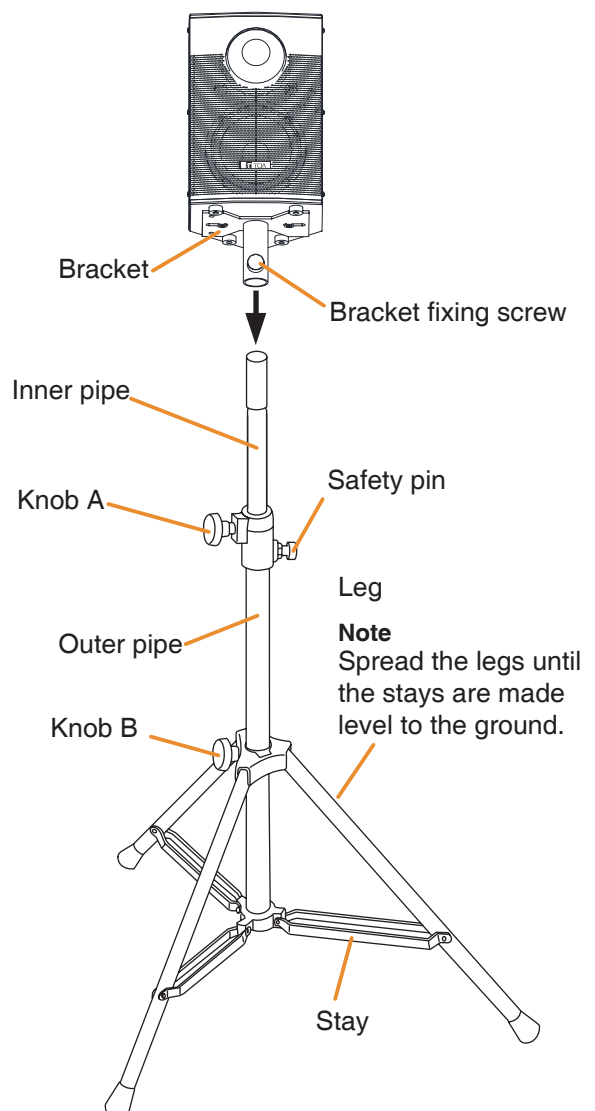
Step 5. Determine the speaker direction, and tighten the bracket fixing screw. Speaker horizontal angle is adjustable in 90° steps.

Step 6. Adjust the stand height. Loosen the knob A. Extend the inner pipe to the desired position while pulling the safety pin. The inner pipe has stopper holes to catch the safety pin at about 15 cm intervals along the pipe length. Ensure that the safety pin is securely inserted into one of the holes after adjusting the stand height.

Caution

Never pull the inner pipe beyond the red mark on the pipe.

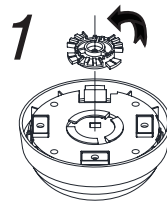
Step 7. Tighten the knob A.



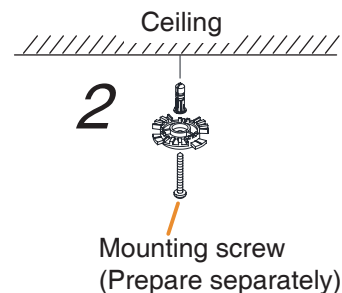
11. INSTALLING THE IR-842R INFRARED RECEIVER

11.1. Ceiling Mounting Method 1

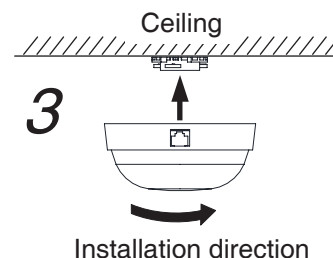
Step 1. Loosen the mounting bracket in the center of the back of the infrared receiver by rotating it counterclockwise.



Step 2. Lock the mounting bracket to the ceiling with screws.



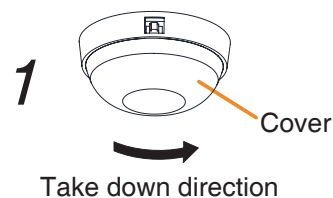
Step 3. Align the infrared receiver with the mounting bracket and turn it clockwise until you hear a "click".



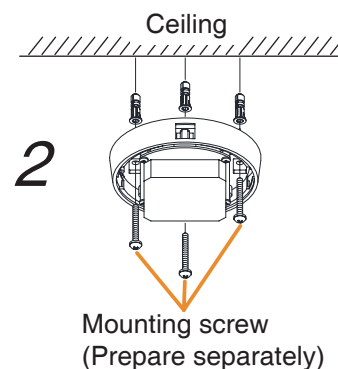
Step 4. Connect the signal output cable of the infrared receiver.

11.2. Ceiling Mounting Method 2

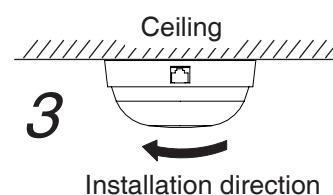
Step 1. Remove the cover of the infrared receiver by turning it counterclockwise.



Step 2. Lock the infrared receiver to the ceiling with screws.



Step 3. Turn the cover back clockwise.



Step 4. Connect the signal output cable of the infrared receiver.

12. SPECIFICATIONS

12.1. IR-842PMU-AM Infrared Audio System - Main Unit

Power Source	100 - 240 V AC, 50/60 Hz (use of the supplied AC adapter)
Rated Output	40 W (80 W max. including sub unit speaker output)
Power Consumption	60 W (120 W max. including sub unit speaker output)
Infrared Receiver	
Wavelength	850 nm
Carrier Frequency	Teacher (CH-A): 3.100 MHz Student (CH-B): 3.350 MHz
Communication Area	Approx. 15 m (49.21 ft) in a space without any obstacle and visible between the infrared microphone and receiver
Connection Terminal For External IR Receiver	RJ-45
Audio Input	MIC: -42 dBV, 2.2 kΩ, electronic balanced, female XLR connector AUX: -10 dBV, 10 kΩ, stereo pair, unbalanced, headphone jack Bluetooth input: Ver. 5.0, Max. 10m
Audio Output	Sub unit speaker OUT: 23.8 dBV, unbalanced, lever terminal AUX OUT: -10 dBV, 10 kΩ, stereo pair, unbalanced, headphone jack
Frequency Response	20 - 20,000 Hz, ±3 dB
Total Harmonic Distortion	0.1% (LPF 20 kHz)
S/N Ratio	Over 70 dB (A weighted)
Phantom Power	+24 VDC, switchable, MIC input
Indicators	Power(green) ...1, IR CH-A(green) ...1, IR CH-B(green)...1, IR CH-A Priority(red) ...1, Bluetooth(blue) ...1, Phantom power(green) ...1
Operation	IR CH-A volume control, IR CH-B volume control, MIC volume control AUX IN volume control, AUX OUT volume control, Bluetooth volume control
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 % RH or less (no condensation)
Finish	Enclosure: MDF, white, paint Punched net: Surface-treated steel plate, white, paint
Dimensions	218 (W) x 339.6 (H) x 254 (D) mm (8.60" x 13.37" x 9.99")
Weight	4.97 kg (10.96 lbs)
Accessory	AC Power Adapter ...1, Wall Mounting Bracket ...1

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

12.2. IR-842PSU-AM Infrared Audio System - Sub Unit

Infrared Receiver	
Wavelength	850 nm
Carrier Frequency	Teacher (CH-A): 3.100 MHz Student (CH-B): 3.350 MHz
Communication Area	Approx. 15 m (49.21 ft) in a space without any obstacle and visible between the infrared microphone and receiver
Connection Terminal For External IR Receiver	IN: RJ-45 OUT: RJ-45
Audio Input	Main unit speaker OUT: 23.8 dBV, unbalanced, 40W/6Ω, lever terminal
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	90 % RH or less (no condensation)
Finish	Enclosure: MDF, white, paint Punched net: Surface-treated steel plate, white, paint
Dimensions	218 (W) x 339.6 (H) x 254 (D) mm (8.60" x 13.37" x 9.99")
Weight	4.52 kg (9.96 lbs)
Accessory	Wall Mounting Bracket ...1

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

12.3. IR-842R-AM External Infrared Receiver

Infrared Receiver	
Wavelength	850 nm
Carrier Frequency	Teacher (CH-A): 3.100 MHz Student (CH-B): 3.350 MHz
Communication Area	Approx. 7 m (22.97 ft) in radius from the point underneath the unit (Ceiling height: 2.5 - 3.0 m (8.2 - 9.84 ft), In a space without any obstacle and visible between the infrared microphone and receiver)
Connection Terminal For External IR Receiver	RJ-45
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	Under 90% RH (no condensation)
Finish	Enclosure: ABS, black
Dimensions	110.4 (W) x 110.4 (H) x 49 (D) mm (4.35" x 4.35" x 1.92")
Weight	138 g (0.3 lbs)

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

12.4. IR-842HY-AM Speaker Stand Adapter

Compatible Stand	The generic speaker stand with a Ø35 pipe
Finish	Steel plate, black, paint
Dimensions	176 (W) x 52.4 (H) x 80 (D) mm (6.94" x 2.06" x 3.15")
Weight	0.31 kg (0.68 lbs)

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

12.5. IR-842BAG-AM Bag

Portability	Hand-carry/adjustable shoulder strap two ways
Finish	Polyester, black/orange
Dimensions	520 (W) x 300 (H) x 250 (D) mm (20.49" x 11.81" x 9.85")
Weight	1.38 kg (3.04 lbs)

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

EMC PRECAUTIONS

Warning: Operation of this equipment in a residential environment could cause radio interference.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer to an experienced radio/TV technician for help.

Note: This equipment complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The device should be installed and used within a distance of at least 20 cm between the radiator and the body. Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes:

- (1) Ce dispositif ne peut causer des interférences; et
- (2) Ce dispositif doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

Déclaration d'exposition aux radiations Cet équipement est conforme Canada.

limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20cm entre le radiateur et votre corps.

Manufacturer:

TOA Corporation
7-2-1, Minatojima-Nakamachi, Chuo-ku, Kobe, Hyogo, Japan

Traceability Information for Americas

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