

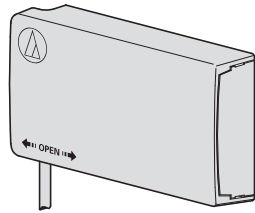


AT-SRX

User Manual / Receiver Unit

audio-technica

Thank you for purchasing this Audio-Technica product. Before using the product, please read through the Quick Start Guide, as well as this user manual when necessary, to ensure that you can use the product correctly.



- Using high-performance light receiving elements, this product features a reduced number of receiver unit installations and a low profile
- Supports up to 8 channels (2 MHz band and 3 MHz band)
- * This product must be used in combination with an Audio-Technica infrared wireless microphone (sold separately) and an Audio-Technica infrared wireless receiver (sold separately). Visit our web site for information on compatible models.

Check the contents of the package

Before using this product, please check that all of the following items are included in the package. If any shortage or damage is found in the contents of the package, contact your local Audio-Technica dealer.

- Receiver unit (AT-SRX)
- Wood screw × 2
- Receiver unit mounting fitting
- Quick start guide
- Warranty card

Important information

Warning:

- To prevent fire or shock hazard, do not expose this apparatus to rain or moisture.

Caution:

- Do not expose this apparatus to drips or splashes.
- To avoid electric shock, do not open the cabinet.
- Refer servicing to qualified personnel only.
- Do not expose this apparatus to excessive heat such as that generated by sunshine, fire or other heat sources.
- Do not subject this apparatus to strong impact.
- Do not place any objects filled with liquids, such as vases, on this apparatus.
- To prevent fire, do not place any naked flame sources (such as lighted candles) on this apparatus.
- Do not install this apparatus in a confined space such as a bookcase or similar unit.
- Install this apparatus only in the places with good ventilation.

FCC Notice

Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution:

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

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 or an experienced radio/TV technician for help.

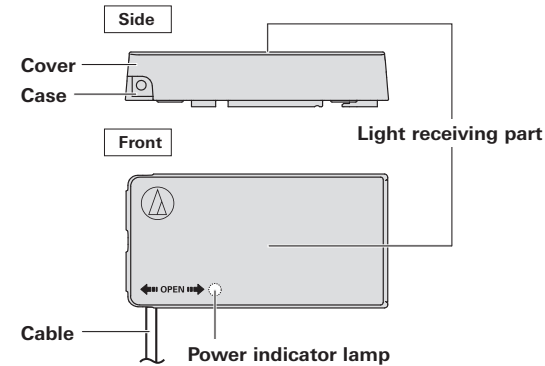
Notes on use

- Be sure to also read the connecting infrared wireless receiver's user manual before use.
- When installing this product on the ceiling, ensure that it is approximately 2 to 3 m away from any window or wall.
- When installing this product on a wall, avoid direct sunlight, spotlights, and incandescent light.
- Maintain a distance of at least 1.5 m between this product and the microphone during use. Otherwise malfunction and/or noise may occur.
- Do not place this product near any of the following objects. System malfunction or noise may occur. If such problems occur, move the product away from the object and install it in a place where proper operation is confirmed.

- Lighting system
- Projector (LCD, DLP, etc.), OHP, incandescent light bulb, etc.
- Mercury lamp, halogen lamp, inverter fluorescent lamp, black light
- Plasma display panel
- Remote control, infrared LAN and other infrared devices
- Dimmer
- Digital power amplifier, and other digital devices and their wiring (Speaker output, etc.)

- Noise may occur if large electrical equipment is placed on the cable routing path. In this case, route the cable far enough away from the equipment so that no noise occurs.
- When routing cables, do not cut the cables and reconnect or graft them. It may cause noise.

Name of each part



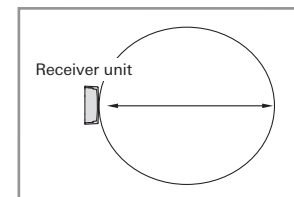
Reception range

The reception range may vary depending on the combination of products, settings, and/or room conditions.

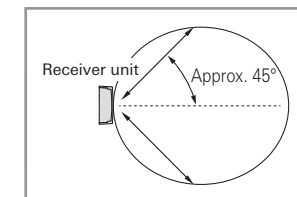
* The following example shows the reception range with the product combination below.

- Receiver: AT-CR9000
- Receiver unit: AT-SRX
- Microphone: AT-CLM9000TX

• Frontal direction



• Diagonal direction (Approx. 45°)



	Noise mute switch		
	標準	入	
Output control switch	HI	Approx. 16 m	Approx. 9 m
	LO	Approx. 12 m	Approx. 7 m
	ECO	Approx. 10 m	Approx. 5 m

	Noise mute switch		
	標準	入	
Output control switch	HI	Approx. 11 m	Approx. 6 m
	LO	Approx. 8 m	Approx. 5 m
	ECO	Approx. 7 m	Approx. 3 m

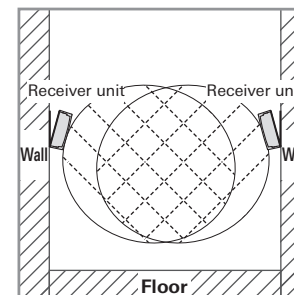
* Switching the microphone's output control switch setting (HI / LO / ECO) or switching the receiver's noise mute switch setting (標準 / 入) will change the reception range.

■ Setup example

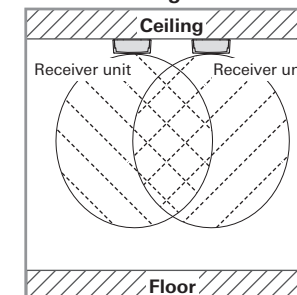
Install the receiver units so that their reception ranges somewhat overlap. As the receiver unit has the maximum sensitivity on the front, it is more effective to install it on a wall than on the ceiling.

Using 2 receiver units

• Installing 2 receiver units on walls



• Installing 2 receiver units on the ceiling



* Entry of direct sunlight, or light from a spotlight or incandescent light, into the receiver unit significantly reduces its reception range.

Reception frequencies

This product supports the following channels.

* Channels other than the following are not supported.

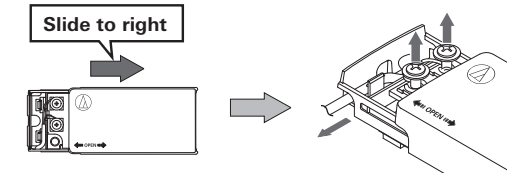
1 ch	2.06 MHz	5 ch	2.34 MHz
2 ch	2.56 MHz	6 ch	2.84 MHz
3 ch	3.20 MHz	7 ch	2.98 MHz
4 ch	3.70 MHz	8 ch	3.48 MHz

Changing the length of the cable

Follow the procedure below when changing the length of the cable or when installing a new cable.

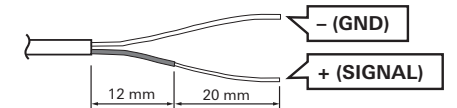
- Always unplug the cable from the receiver before removing the cable. Performing this procedure without disconnecting the cable will cause a short circuit, which can result in fire or malfunction.
- Always use the dedicated cable for this product. Using a different cable may cause noise or other reception problems.

(1) Slide the cover off, and loosen the two screws that are holding the cable in place to release the cable.



* Make sure that the screws do not fall off.

(2) Cut the cable into the appropriate length and peel the coating off the tip to the appropriate length as shown in the figure below.



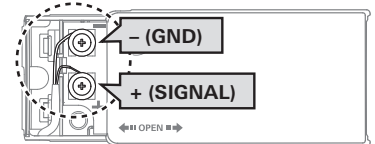
* When installing multiple receiver units, unifying the cable lengths improves the reception sensitivity.

(3) Push the cable into the position shown in the figure to secure it.



* Use the back of a pair of tweezers to push it in completely.

(4) Route and connect the cable correctly according to the polarities and tighten both screws.



- * Attach the + (SIGNAL) side first and then attach the - (GND) side.
- * Check the polarities before attaching the cable.
 - (GND) side: Shielded (thick conductor)
 - + (SIGNAL) side: Core (thin conductor with yellow coating)
- * Any contact between the cables (including contact with other parts) can cause a short circuit, which may result in a malfunction.

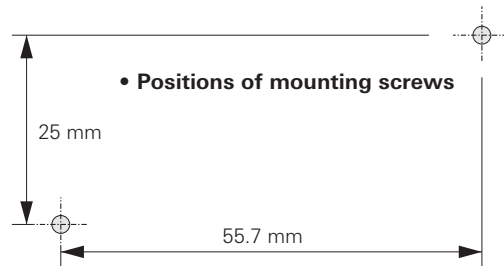
(5) Slide the cover on and fit it firmly on the receiver unit. Check for any gaps.

Installing the product

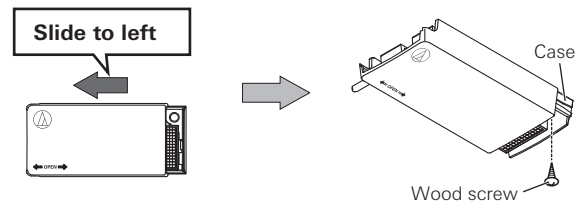
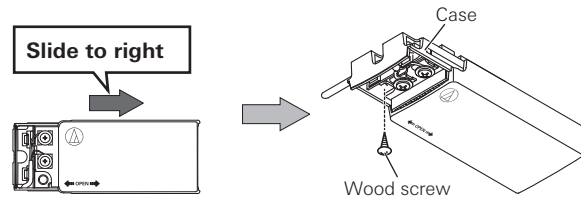
Installing the receiver unit on the ceiling or wall by drilling holes

- Prepare a Phillips-head screw driver and the supplied wood screws.
- Install the receiver unit in an open location free of obstruction while ensuring that the microphone will have a direct line of sight to the receiver unit.

- (1) Choose the mounting location for the receiver unit, and mark the screw hole positions using a pencil.**



- (2) Slide the cover of the receiver unit. Pass the wood screw through the case and attach the receiver unit to the ceiling or wall.**



- (3) Slide the cover on and fit it firmly on the receiver unit. Check for any gaps. Connect the receiver unit cable to the receiver's receiving device input.**

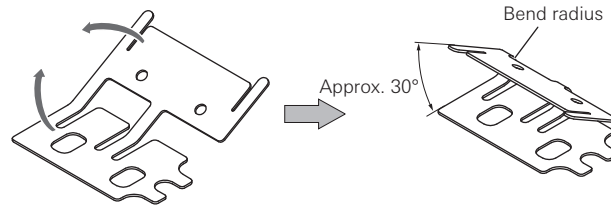
CAUTION

- When fixing this product's cable on a wall, do not use excessive force in order to prevent wire breakage.
- Check the strength of the installation location. Audio-Technica is not responsible for any accidents resulting from the product falling due to the installation location's lack of strength or incorrect mounting upon installation.

Wall-mounting the receiver unit using the supplied fitting

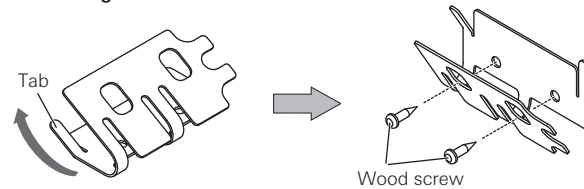
- The fitting is for wall mounting only. Note that the fitting cannot be used on the ceiling.

- (1) Hold the receiver unit mounting fitting using both hands and bend the center part. The bending angle should be approximately 30 degrees.**

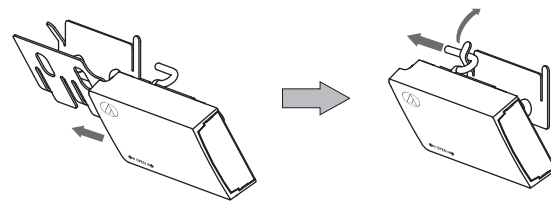


- * Use caution to avoid injuries when bending the fitting. It is recommended that you wear gloves to protect your hands.
- * Do not bend it more than necessary. The fitting may deform or break.
- * If the bend radius is too small, the fitting may break. A natural bending radius is recommended.

- (2) Bend up the tab the cable is going to pass under. Pass the supplied wood screws through the two round holes, and attach the fitting to the wall.**

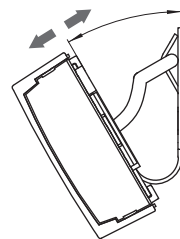


- (3) Insert the receiver unit, and pass the cable coming out from the receiver unit under the bent tab. Hold the cable in place by bending back the tab.**



- * Applying strong holding force may cause breakage in the wire or coating.
- * Leave slack in the cable to relieve excess force.

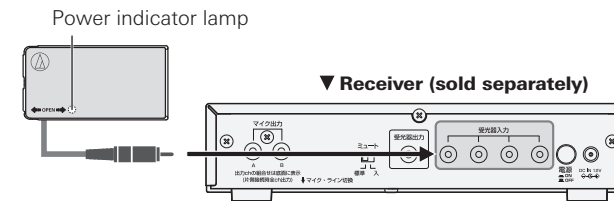
- (4) Adjust the angle.**



Connecting the product

Read the user manual for the separately-sold Audio-Technica infrared wireless receiver.

- (1) Connect this product's cable to the receiver's receiving device input.**
- (2) Turn on the receiver.**
- (3) The power indicator lamp of this product lights up blue.**

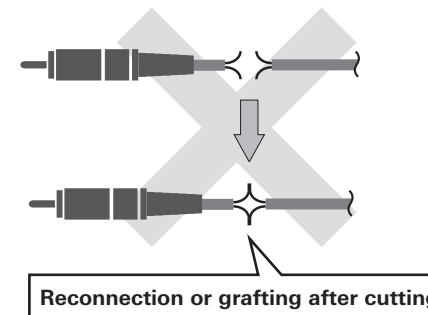


CAUTION

- Make sure that you are connecting the microphone output, receiving device output, and receiving device input correctly. Incorrect connection may result in fire or malfunction. (The microphone output is white while the receiving device input is black.)
- Always use the dedicated cable for this product. Using a different cable may cause noise or other reception problems.

Cable routing

When routing cables inside walls or ceilings, do not cut the cables and reconnect or graft them. Noise or other reception problems may occur.



Troubleshooting

Use the following tips as a reference. If the problem persists, please contact your local Audio-Technica dealer.

Q. The product does not turn on.

- A1: Check whether the receiving device input and the microphone output are correctly connected.
- A2: Check whether the receiver is powered on.
- A3: Check for any contact between the wires (including contact with other parts) near the terminals inside the product.

Q. Receiver is not responding / Noise in sound / Sound cuts out

- A1: Check for any obstruction between this product/receiver and the microphone.
- A2: Check the distance between this product and the microphone to make sure that they are not too far apart.
- A3: Check for any digital devices and other possible sources of noise nearby. For more information, refer to "Notes on use."
- A4: Check for any reconnection or grafted connection in the cable after being cut near the cable plug during routing. For more information, refer to "Connecting the product."
- A5: Check whether the dedicated cable for this product is used. Using a different cable may cause noise or other reception problems.

Specifications

Reception frequencies:	1 ch (2.06 MHz), 2 ch (2.56 MHz), 3 ch (3.20 MHz), 4 ch (3.70 MHz), 5 ch (2.34 MHz), 6 ch (2.84 MHz), 7 ch (2.98 MHz), 8 ch (3.48 MHz)
Dimensions:	: 40 (H) × 79 (W) × 16 (D) mm
Cable length:	: 20 m
Weight:	: Approx. 35 g (excluding cable)
Accessories:	: Wood screw × 2 : Receiver unit mounting fitting

The product is subject to modification without notice for product improvement.