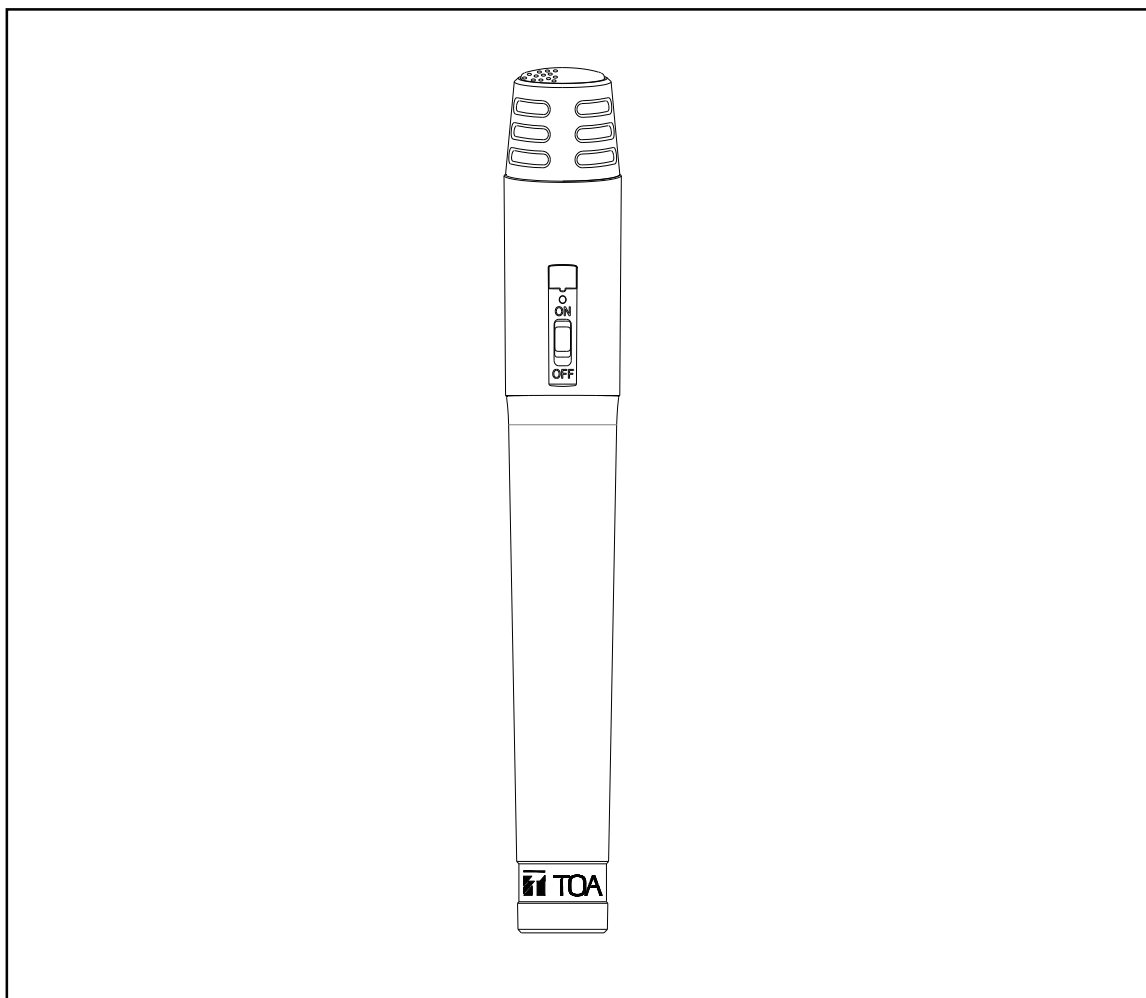


1CH INFRARED WIRELESS**IR-201M**

Thank you for purchasing TOA's Infrared Wireless Microphone.

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

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SAFETY PRECAUTIONS

- Before installation or use, please read the instruction in this section for safety and correct usage.
- Please follow all the precautionary instruction in this section which contains important warning / cautions regarding safety.
- After reading, please keep this manual for future reference.

About the content

To ensure the correct use of the product or preventing misbehavior leading to casualties or property loss, please read the precautions in this section before using the product.



WARNING

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

WHEN USING OR INSTALLING THE UNIT

Do not put the unit near medical appliances

The electromagnetic wave emitted by the unit may cause potential interference.
The power of the unit must be cut off.



PROHIBITED



CAUTION

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

Check if there is leakage of liquid from the battery all the time.

If the unit is switched on at high volume condition, the loudness may cause damage to hearing.



MUST

When Using The Battery

Please follow the following instructions

If violated, there may be potential cause of leakage of battery liquid or damage of battery and causing fire hazards.

- Do not short, disassemble, heat or put the battery in fire.
- Do not mix new and old batteries when use.
- Note correct polarity (positive and negative).
- Do not place batteries under direct sunlight, location with high humidity or high temperature.



MUST

GENERAL DESCRIPTION

IR-201M is the hand-held microphone for the IR-701T / IR-701TA 1CH Infrared Wireless Receiver.

FEATURES

- The microphone system's infrared transmission eliminates problems with interference or eavesdropping
- Low echo

HANDLING PRECAUTIONS

- Do not cover the infrared wireless microphone's infrared emitter with the hand or hide the microphone by placing it inside clothes. Covering the infrared emitter will disable light transmission.
- Avoid using the infrared microphone in close proximity to plasma displays or infrared LAN, which could lead to noise or microphone malfunctions.
- The infrared microphone cannot be used outdoors or in areas exposed to direct sunlight.

NOMENCLATURE AND FUNCTIONS

• Hand-held Microphone

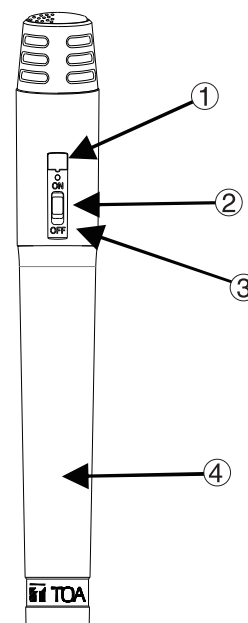
① Infrared emitter

② Battery indicator

Lights when the power switch is turned on.
Continuously lights green while the battery is full,
and gradually changes to red as the battery becomes weaker.

③ Power switch

④ Battery case



OPERATION METHOD

1. Insert 2 AA alkaline batteries

2 rechargeable NiMH batteries or 2 AA alkaline batteries.

2. Switch the power switch to "ON" position.

If the receiver is receiving signal from the microphone, the LED will turn from green to orange.

3. Please adjust the volume of mixer or amplifier to a appropriate level.

The receiver cannot adjust volume.

Note

Avoid mixed use of new and old batteries, batteries of different types, or fully charged and discharged batteries in the same microphone.

USAGE TIPS

● Distance between mouth and the microphone

Keep a distance of 5 cm between microphone and mouth when speaking.

● Distance between the receiver and the microphone

The best receiving range between the receiver and microphone is within 10 meters.

TROUBLESHOOT

SYMPTOM	POSSIBLE CAUSE	REMEDY
Battery indicator does not light even if the power switch is turned on.	Battery polarities not correct.	Reinsert batteries correctly
	Batteries exhausted	Replace the charged rechargeable batteries for the infrared wireless microphone
Infrared wireless receiver's reception indicator does not light.	The DC jack is not connected to the AC adapter.	Connect the DC Jack with the AC adapter.
	The AC adapter is not connected to power.	Connect the AC adapter to power.
	The receiver is not connected to the SA-112 / The SA-112 is not connected to power.	Connect the RJ45 cable to the SA-112 and switch on the power of SA-112.
The receiver's LED has no change (Green Orange) when the microphone is switched on.	The receiver is not installed within the transmission range of the microphone.	Install the receiver within the transmission range of the microphone
Noise or discontinue of voice occurs.	The microphone is beyond the suggested range of usage.	Please use the microphone within 10 meters from the receiver.
	The angle of receiver cannot cover the microphone transmission range.	Re-adjust the receiver's horizontal / vertical angle to make sure it is in the transmission range of microphone.

SPECIFICATION

■ IR-201M INFRARED WIRELESS MICROPHONE

Type	Hand-held microphone
Battery	AA alkaline (DC 1.5V) dry cell battery
Wavelength	870nm (AM: Brightness modulation)
Modulation Method	Frequency modulation
Modulation Sensitivity	±40kHz
Frequency Response	100 Hz ~ 10 kHz
Tone Signal	3.10MHz
Transmission Distance	15 Meters (Front position of the receiver)
Maximum Input Sound Pressure	126dB SPL
Microphone Unit	Unidirectional electret condenser microphone
Battery Operation Time	OPERATING INSTRUCTIONS
Operating Temperature	0 ~ 40°C
Finish	Control Section: ABS resin, metallic gray, 50% gloss, paint Filter Section: Polycarbonate, optical cut filter
Weight	120 g (Without batteries)

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

● ACCESSORIES

OPERATING INSTRUCTION	1
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