

Operation Manual

IP Series network broadcasting system

IP-9633 RM III

Network microphone station



Thinuna

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Welcome


A personal welcome to you from the management and employees of Thinuna global.

Thanks you for choosing our high quality product, we will always provide innovative, advanced, reliable products like before.


We are sincerely trust these products will provide years of satisfactory service, but if anything is not to your complete satisfaction, we will endeavor to make things right.


Welcome to Thinuna again, and thank you for becoming part of our worldwide extended family!

Warning




CAUTION
RISK OF ELECTRIC SHOCK DON'T OPEN





This symbol 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.



This symbol is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution: To prevent electric shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

ATTENTIONS: Pour prévenir les chocs électriques ne pas utiliser cette fiche polarisée avec un prolongateur, une prise de courant ou une autre sortie de courant, sauf si les lames peuvent être insérées à fond sans en laisser aucune partie à découvert.

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

- * For the terminals marked with symbol of " " may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the used of ready-made leads or cords.
- *The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- * The appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.
- * Protective earthing terminal. The apparatus should be connected to a mains socket outlet with a protective earthing connection.
- * Increase the minimum distance of the prototype to the surrounding environment.
- * no naked flame sources, such as lighted candles, should be placed on the apparatus;
- * The use of apparatus in tropical climates.
- * The use of apparatus in moderate climates.

- * Do not install this equipment in a confined space such as a book case or similar unit.
- * The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- * Worded: "WARNING FOR YOUR PROTECTION PLEASE READ THE FOLLOWING-WATER AND MOISTURE: Unit should not be used near water(e.g. near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc). Care should be taken so than objects do not fall and liquids are not spilled into the enclosure through openings."

Service Instructions

- * Worded: "Caution: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so."
- * Location: Instruction Manual.

NOTE : This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Installation Environment

Installation this system is not difficult and complex. But you still need to spend some time to read this manual and ensure the connection and installation is exact.

Never place this product in an environment which could alter its performance or reduce its service life. Such environments usually include high levels of heat, dust, moisture, and vibration.

Important Safety Instructions



1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Avoid excessive heat, humidity, dust and vibration

Keep the unit away from locations where it is likely to be exposed to high temperatures or humidity-such as near radiators, stoves, etc. Also avoid locations which are subject to excessive dust accumulation, or to vibration that could cause mechanical damage.

- Avoid physical shocks

Strong physical shocks to the unit may cause damage. Handle the unit with care.

- Do not open the case or attempt repairs or modifications yourself

This product contains no user-serviceable parts. Refer all maintenance to qualified Thinuna service personnel. Opening the case and/or tampering with internal circuitry voids the warranty.

- Always power off before making connections

Always turn the AC mains OFF before connecting or disconnecting cables. This is important to prevent damage to the unit itself as well as other connected equipment.

- Handle cables carefully

Always plug and unplug cables (including the AC mains power cord) by gripping the connector, not the cord.

- Clear with a soft dry cloth

Never use solvents such as benzene or paint thinner to clean the unit. Wipe clean with a soft, dry cloth.

Features:

1. Any place with an Ethernet port can be accessed, and access and control of servers and other IP network devices can be accepted;
2. Network fault self-diagnosis, network and service status display;
3. New desktop appearance design, 7-inch TFT true color screen, graphical interface display, full-capacitance touch screen control, convenient and fast, high-grade and beautiful;
4. The core device of the network intercom can broadcast directly to the partition and various types of playback devices;
5. Can directly page and two-way intercom with the intercom equipment on the network;
6. External gooseneck microphone with built-in speaker (5W);
7. Support multi-party calls during intercom;
8. Paging and intercom PTT (press and hold speech) control function;

Line I/O, which can transmit local audio signals to the network;

Front panel



1. Canon head microphone interface

Used to connect gooseneck microphones.

2. LCD touch display

The microphone uses a 7-inch touch screen display interface to view the microphone's working status and operation more intuitively. This screen adopts energy-saving design. Users can set the screen backlight brightness and screen saver time in the operation setting interface.

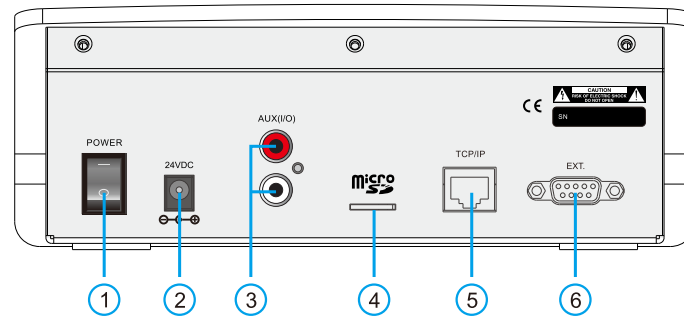
3. Indicator light

Microphone paging work status indicator, the microphone station lights green when there is no paging task, and the indicator light is red when the microphone station is doing paging broadcast.

4. TALK/PTT

Microphone paging operation Select MIC sound source to select the area selection button, you can use the screen to speak the button to speak, or press this button to speak, the speech is completed, and then press this button or screen button to cancel the speech.

Rear panel



1. Power switch

Used to control the power on and off of the device

2. 24VDC

24V DC power supply interface.

3. AUX (I/O)

For connecting external audio sources such as CD players, etc. / output audio.

4. Micro SD

This unit comes with an SD card for storing audio and recording.

5. TCP/IP network interface

Used to connect to the LAN.

6. EXT UART

Software update or output for the MCU.

Specification:

Model No.	IP-9633 RM III
Network interface	RJ45,10M/100M (With upgrade function)
Support protocol	TCP,UDP,IGMP,ICMP,ARP
Audio format	PCM(Uncompressed format), ADPCM,MP3
Input	-10 dB,RCA, stereo
Output	0dB,RCA, stereo
Frequency response	Aux:20Hz~20kHz;Mic: 50Hz~15kHz
Touch screen	7 inches; resolution: 1024 × 600; color: 64K color, 16RGB, true color
text	GUI, picture, animation display and touch control
EQ	High: ±12dB at 10kHz;bass: ±12dB at 100Hz
Phantom power	DC24V
UART	RS-232
THD	< 0.01% at 100Hz~10kHz
SNR	> 90dB
Power supply	DC24V,1A
Power consumption	<10W
Weight	1.7kg
Dimension	300 (W) ×70 (H) ×150 (D) mm; Gooseneck microphone length: 390mm

Service

Procedures

Ensure the problem is not related to operator error, or external system devices. Once it is certain that the problem is related to the product contact your warranty provider as described in the warranty section of this manual.

Variations

Variations of this product exist to reflect the variations in AC power requirements throughout the world. Product supplied through local sources are compatible with local AC power requirements 110VAC or 220VAC.

Optional accessory

This product do no have others optional accessory.

Warranty

Warranty terms and conditions vary by country and may not be the same for all products. Terms and conditions of warranty for a given product may be determined first by locating the appropriate country which the product was purchased in, then by locating the product type.

To obtain specific warranty information and available service locations contact Thinuna directly or the authorized distributor for your specific country or region.

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Notice: Thinuna Technology makes every effort to ensure the accuracy of information on this manual. The documents, graphics, and other information included in this manual may include technical inaccuracies, typographical, or other errors. Specifications are subject to change without notice.