

# Operation Manual

**IP Series network broadcasting system**

**IP-9601SX III**

**Touch screen server**



***Thinuna***

## Contents

Welcome.....	1
Warning.....	1
Installation Environment.....	2
Important safety instructions.....	2
Features.....	3
Front panel.....	4
Rear panel.....	4
Specification .....	5
Service.....	6

## 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.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK.

DO NOT REMOVE COVER (OR BACK).

NO USER-SERVICEABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



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.

WARNING

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.

**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.

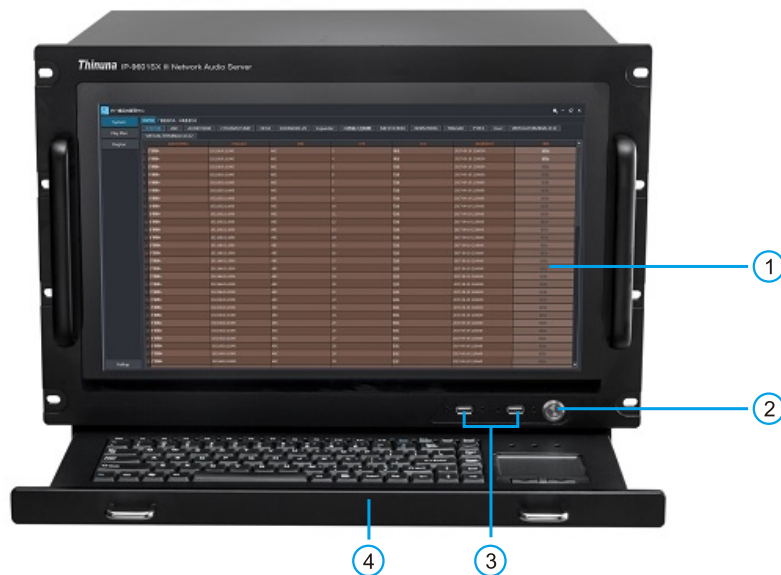
- Clean with a soft dry cloth

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

## Features:

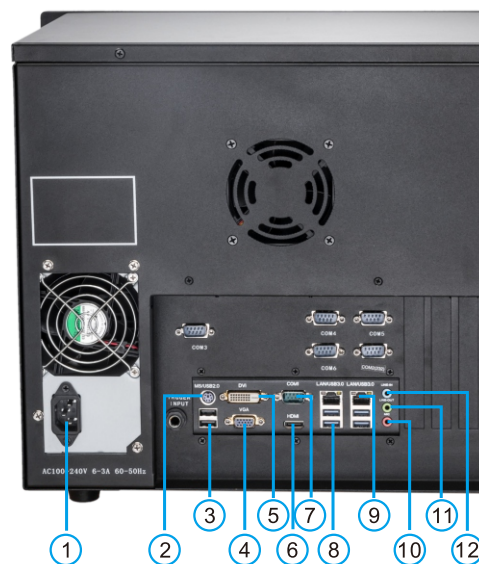
1. The network audio server is the core of the network audio broadcasting system. It monitors the working status of all terminals and external devices of the entire network broadcasting system in real time, responds to various service requests of all terminals in real time, and manages the entire broadcasting system in real time.
2. The server has powerful terminal management functions, which can configure terminal parameters, view the real-time status of all terminals, and control the online terminals in real time.
3. The server has a variety of broadcast task management schemes, including timed broadcast tasks, instant broadcast tasks, channel broadcast tasks, collection triggered broadcast tasks, emergency triggered broadcast tasks, plan tasks, terminal on-demand tasks, manual voice tasks, and interstitial tasks. Suitable for a variety of complex applications.
4. The server is equipped with powerful multimedia resource program library management and storage functions. It has a rich on-demand program library, which provides flexible selection and management of various broadcast task management solutions and supports simultaneous on-demand management.
5. The server's multiple broadcast task management schemes have powerful signal transmission modes, including unicast, multicast, and TCP. Timed tasks can be controlled on a weekly basis or as scheduled 24 hours a day. Broadcast tasks can be managed in a timed, manual, or external trigger mode, and support task pre-opening.
6. The server has support online simultaneous broadcast for multiple broadcast missions, enabling simultaneous multi-tasking and online management.
7. Supports linkage control management with peripherals, with matrix, power amplifier, centralized configuration of partition system and task timing control management.
8. Open, easy to expand development, support network upgrade, high security, strong compatibility.
9. Industrial grade server, high stability, high reliability, flexible and easy to operate, flat interface.
10. Industrial low-power processor, dedicated motherboard design, faster processing, more powerful performance, equipped with solid state drive, faster data reading and storage.
11. Industrial-grade industrial computer chassis design, the chassis is made of steel structure, with high anti-magnetic, dustproof, anti-shock, anti-drop and shockproof performance.
12. Any place with Ethernet port can access, support cross-network segment and cross-route.

## Front panel



1. Touch display screen      2. Power switch      3. USB      4. Hidden keyboard

## Rear panel



1. Power interface      2. Mouse/keyboard interface      3. USB 2.0  
4. VGA video output interface      5. DVI video output interface  
6. HDMI video output interface      7. Serial port      8. USB 3.0  
9. LAN interface      10. MIC interface      11. Headphone interface  
12. Line input interface

## Specification:

Model No.	IP-9601SX III
Screen size	17 Inch
Screen color	TFT24bit nature color
Control mode	Stealth pull-type 88 keyboard and touchpad, convenient for
Interface	1×VGA;2×Ethernet, support 10/100/1000Mbps; 6×RS-232 UART, Built-in RS-485 isolation module; 6×USB;
Support protocol	TCP/IP,UDP,IGMP,FTP,ICMP,ARP, Support cross-gateway routing configuration
Mainboard	MAHOBAY
RAM	2*DDR3 SO-DIMM slot, standard 8G, Scalable to 16GB
NIC	2*REALTEK
VGA CARD	Intel
Sound card	REALTEK Intel (R) Display audio
CPU	Intel (R) Core(TM) CS CPU @3.10GHz
Audio format	PCM(Uncompressed format), ADPCM,MP3
Channel number	No limit on the number of channels, unlimited number of on-demand, unlimited number of recordings
Load capacity	500~1000
Storage capacity	2*DDR3 SO-DIMM slot, standard 8G, Scalable to 16GB
Transmission rate	100/1000Mbps
Audio mode	Network packet, CD sound quality
Working temperature	-10 °C ~ 50 °C
Working humidity	5%-95%
Power consumption	AC110~240V/50Hz
Power supply	≤50W
Dimension	484mm(W)*303mm(D)*353.5mm(H)
Net weight	18.4KG
weight	21.5KG
Carton dimension	670mm(W)*520(D)mm*540mm(H)

## 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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