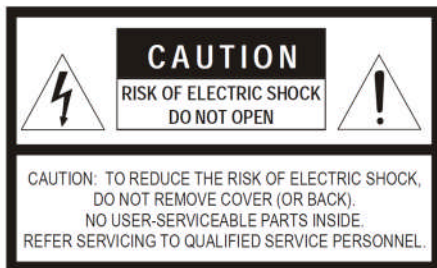


Configurable Network Paging Console

Product Instructions

Model: X-NPMI

Safety Guidelines



Danger

This sign reminds users of “dangerous voltage” on the product.



Caution

This sign reminds users of important instructions attached to the product.

Safety guideline

In order to prevent electric shock, this equipment plug shall not be used as conductor to extend power supply line.

Do not block the equipment’s ventilation opening or put other equipment on it.

Safety guideline

Protect this equipment against rainwater or moisture so as to avoid fire or electric shock.

Safety Precautions

Please carefully read and observe the following precautions before installing, operating or using this product.

Electricity Utilization Safety

- Local electrical safety regulations must be observed for product installation and operation.
- The Company shall not be liable for fire or electric shock accidents caused by incorrect installation and mistake.

Transportation Safety

- The product shall be protected against impact, violent vibration or liquid erosion during transportation, storage and installation.

Environmental Requirements

- Do not install the product within the environment of extreme temperature or dust and mechanical vibration.
- This equipment shall be well ventilated and protected against dust, moisture, direct sunshine and violent during the use. It shall be kept away from radiating objects or heat sources and well ventilated. The optimum working environment temperature is 5-28°C and relative humidity <90%. If the equipment is in operation for a long time and ambient temperature is too high, it is recommended that effective measures should be taken to reduce temperature.
- Requirements on grid power supply voltage by the equipment. In case of too high, too low voltage or that fluctuating greatly, it is recommended that AC regulated power supply should be installed.
- As the product is not waterproof, do not expose it to rainwater or liquid environment so as to avoid damaging it.
- Put the equipment on solid level plane or install it on a rack.
- Do not put other articles on the equipment top.

Safe Use Precautions

- The equipment shall be installed under the direction of professionals.
- Please carefully check power supply lines for damage prior to use. The lines must be connected to the equipment in strict accordance with identifications.
- Power supply plugs and sockets shall match each other. Otherwise, suitable sockets must be provided. Human damage to the sockets shall be prohibited.
- Power supply for the equipment shall be provided with sufficient capacity and independent and reliable grounding lines.
- Please ensure the equipment power supply grounding lines interconnected and connected with the ground. Otherwise, it will cause it abnormal, even damaged.
- There are HV lines within it. When turn on the power, do not open the equipment cover without permission so as to prevent electric shock.

- Prior to the first energization to start equipment, please check its external wiring for correctness so as to avoid damage.
- During the energization, please do not touch wiring terminals identified with “lightning” at random so as to avoid electric shock.
- Please do not change equipment connection circuits at random during energization so as to avoid damage.
- In case of failure to the equipment, please ask professional repair personnel to repair it. Otherwise, the Company shall neither dispose of any problems nor undertake relevant responsibilities.

Label and User’s Manual

- Please pay attention to information on the product label such as type and power supply.
- Please carefully read the user’s manual and operate according to the instructions. The user’s manual is for reference for operation of products of different types. Specific operations of products of different types are not listed herein. In case of any problem, please contact the Company.
- Please maintain this Manual for future reference.

Product Overview

The X-NPMI (Configurable Network Paging Console) connects to the X-618 system and related devices to transmit audio and control information through the Ethernet network. The NPM is used for paging, controlling broadcasts, monitoring zones, and for using the bidirectional intercom function.

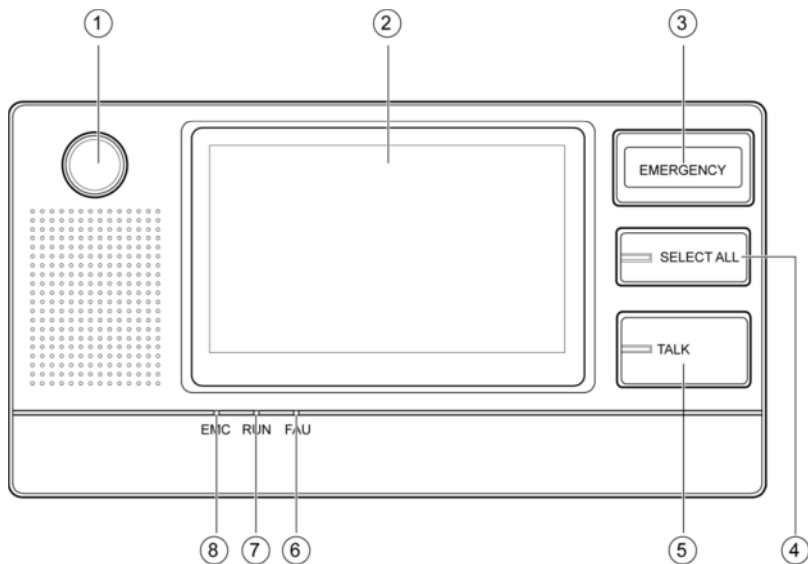
Product Characteristics

- LCD touch control screen for operational controls
- Customizable interface buttons and corresponding functions
- Removable gooseneck microphone
- Built-in loudspeaker for performing broadcast monitoring and bidirectional talkback functions.
- Digitizes audio signals to ensure that the quality of broadcasted audio is not affected by external interference.

Functions and Features

- Paging Function
- Monitoring Function
- Bidirectional Intercom
- Broadcast Controls
- Emergency Broadcasting Function
- Broadcasting State Display
- Broadcasting Volume Control

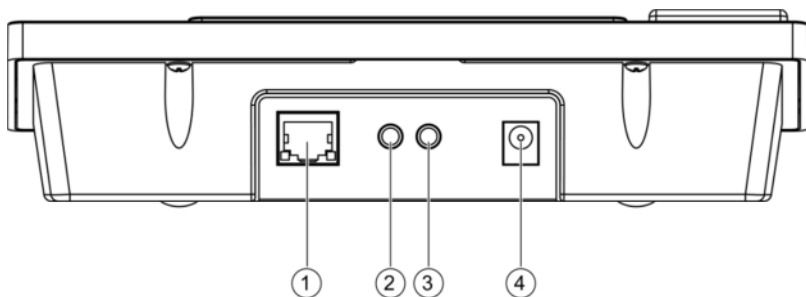
Front Panel



No.	Indicator Light	Description
1		Gooseneck microphone socket
2		LCD touch screen
3	EMERGENCY Buttons	Manual emergency broadcasting mode button. A protective cover over the button prevents hitting the button by mistake.
4		SELECT ALL Select all zones
5		TALK Microphone startup/shutdown button
6	Indicator lights	FAU Fault indicator light. When the NPM detects a network connection fault, the indicator light turns yellow.

No.	Indicator Light	Description
7	RUN	Operation indicator light. When the NPM is being used, this indicator light turns green.
8	EMC	Emergency indicator light. When the NPM enters the manual emergency broadcasting mode when the emergency button or menu is pressed or selected, this indicator light turns red.

Rear Panel



No.	Port	Description
1	RJ45 Port	Connects to the DCS through an Ethernet cable
2	Audio input port	Connects the external sound source equipment
3	Audio output port	Connects audio output equipment (such as an audio recording device)
4	Power supply input port	DC 12V

Specifications

Parameters	Values
Power supply voltage	DC 12V
AUX input	0 dB
AUX input impedance	10 K Ω
Frequency response	60 Hz – 16 KHz (local input signal)
Microphone input	-51 dB
Audio output	0 dB
Monitoring loudspeaker	2 W/8 Ω
Monitoring sound pressure level	Higher than 65 dB and lower than 115 dB (1 m in front of where the audio is being output)
Operating temperature	-10 °C to +55 °C
Storage temperature	-40 °C to +70 °C
Humidity	< 95%, without condensation

Packing List

No.	Product Name	Qty.
1	X-NPMI main appliance	1
2	Microphone pole	1
3	Windscreen	1
4	Power supply adapter	1
5	Network Cable (1.5m)	1
6	Audio line	1

No.	Product Name	Qty.
7	Warranty card	1
8	Qualification certificate	1
9	Product instructions	1

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