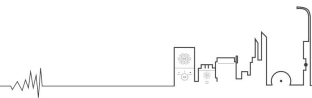# NAS-8525
IP Desktop Audio Intercom Station

SPON IP Audio Intercom Station NAS-8525 with built-in speaker and goosneck mic. Connecting the NAS-8525 to an IP network (LAN or WAN) permits hands-free conversation of high sound quality to be made between NAS-8525 and IP Paging Microphone .With two physical buttons, you can make a quick call to the target IP paging microphone or IP Intercom station.

MAIN FUNCTIONS

1.Compact structure & delicate appearance, supporting desktop installation.
2.With two physical buttons to call any designated terminal.
3.Built-in 3W speaker and goosneck microphone, available for hands-free calls.
4.Equipped with 1×3.5mm Audio Line Output and 1×3.5mm Microphone Input interface which can be connected to headset.
5.Equipped with 1×Alarm Input and 1×Alarm Output interface for external linkage with emergency button, infrared detector, smoke detector, alarm light or electronic door lock.
6.Supporting initiating & receiving offline intercom without centralized management server software.
7.Support SIP protocol , can be independently registered to IPPBX as a sip endpoint.
8.Equipped with standard RJ45 interface, accessible to the system wherever Ethernet is available, supporting cross-segment and cross-router.

SPECIFICATION

Power Parameters
Power Supply:DC12V/2A
Power Consumption:≤5W

Audio Parameters
Audio Codec:MP2, MP3, PCM, ADPCM
Audio Sampling & Bit Rate:8kHz~22.05kHz, 16bit, 16kbps~352kbps
Built-in Speaker:3W ,4Ω
S/N(Broadcast-Speaker):>80dB
Frequency Response:25Hz~10KHz

Network Parameters
Network I/F:10BASE-T/100BASE-TX RJ45
Network Protocol:TCP/IP、UDP、SIP、ARP、ICMP、IGMP
Configuration Method:Web Interface or DevConfig Tool

Mechanical&Environment Properties
Display Screen:LCD 16 Char x 2
Mounting Method:Desktop
Installation Environment:Dry Indoor Locations Only
Operatiing Temperature:0℃~+45℃ (32℉~113℉)
Operating Humidity:≤90% RH non-condensing
Housing Material:Plastic
Color:Black
Product Dimensions:95.7x195.9x 50.6mm
Product Weight:0.3kg
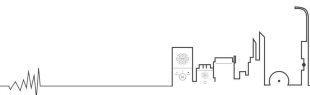Product Warranty:2 Years Limited

Accessories
1×Power Adaptor(DC12V/2A)
1×Quick Installation Guide
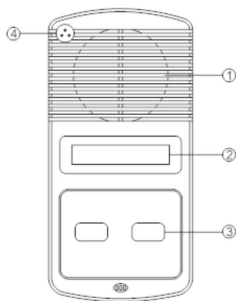3×Plastic Expansion Sleeve(F7)
3×Half round head self tapping screw(M4*25)
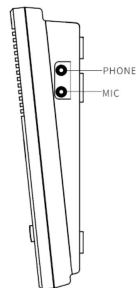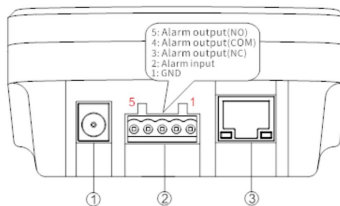1×Terminal(3.96-5P)

INTERFACE

[Front]   [Side]

①Speaker: Restore the remote live voice.
②LCD Screen: Show terminal status.
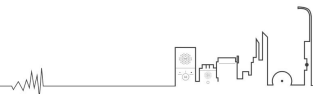③Button: Physical call button.
④Goosneck Microphone

[Back]

①Power input: connect to 12V DC power supply (with anti-power connection and anti-protection circuit).
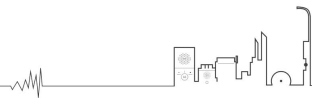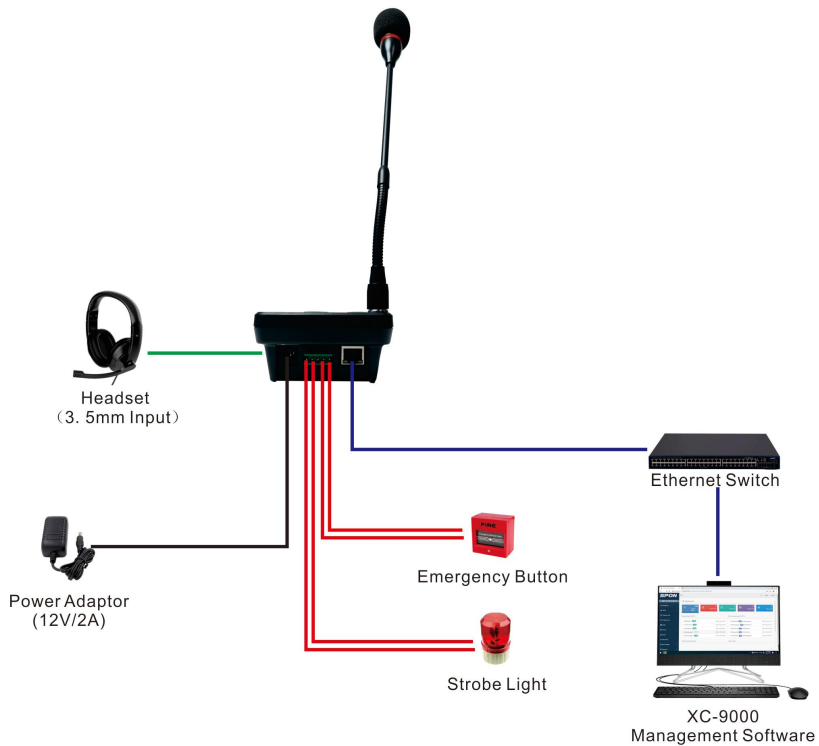②Alarm input /output:
Alarm input port has two pins, the two pins` state won`t affect the audio terminal working state in normal use, only when the two pins are short sub, then the audio terminal will make some special operations automatically(eg: generate an alarm signal and sent to the server or give an alarm from the local terminal etc.) Alarm button,signal generator all these devices can access to this port;
Alarm output port has three pins. Usually, pins 4 and 5 are in an open state. When the terminal receives an alarm output signal from the server, the two pins will be automatically shorted together to act as an alarm (Such as turning on the power. Control door lock).
The maximum carrying current of the alarm output port is 500mA, and the maximum voltage is AC100V (or DC24V).
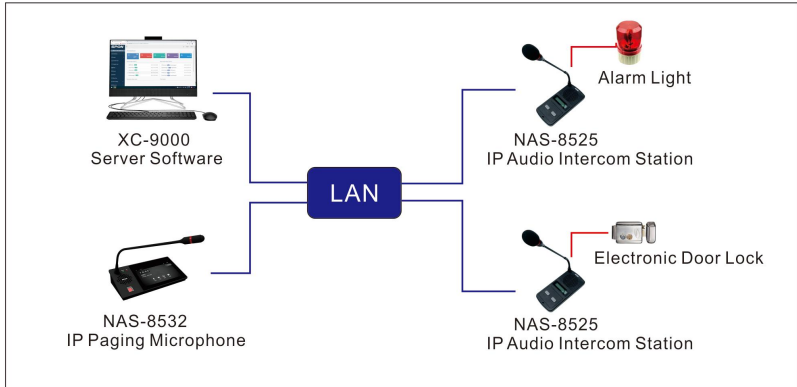③Network input port: Use the cable to connect server and terminal.

CONNECTION DIAGRAM

Headset
（3. 5mm Input）

Ethernet Switch

Emergency Button

Power Adaptor
(12V/2A)

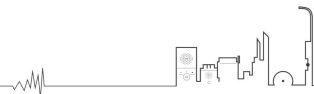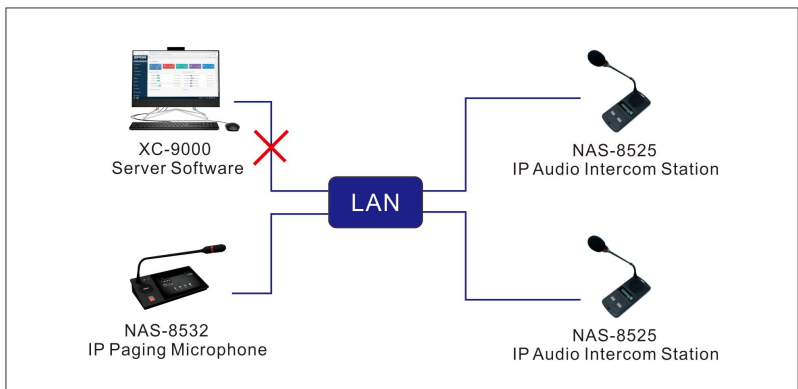Strobe Light

XC-9000
Management Software

APPLICATION

Application 1

IP Audio Intercom Station NAS-8525 with alarm input and output interface , the alarm input can be connected with external alarm button which is used for triggering the alarm task pre-set on the server software ; The alarm output can be connected with external alarm light or electronic door lock which can be triggered by the IP paging mic to trigger the alarm light or unlock remotely.
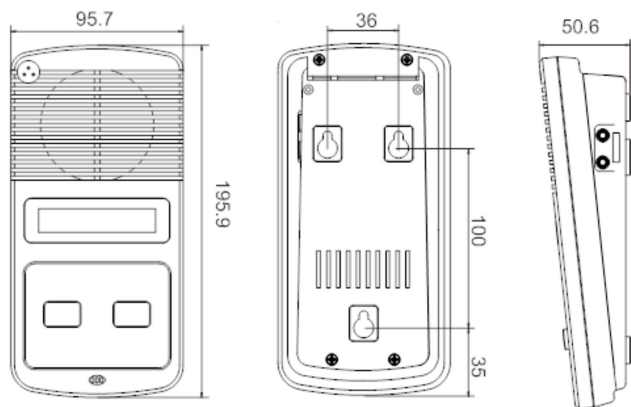

Application 2

IP Audio Intercom Station NAS-8525 can initiate or accept intercom without a server software, the offline call target need to be set on the terminal webpage.

DIMENSIONAL DRAWING

Installation instructions: The terminal can be installed on the suitable position of desktop.