XC-9508P26 **SPON** XC-9508P36

IP Integrated Amplifier

SPON XC-9508P36 IP Integrated Amplifier provides multiple connections from a

suitable for any size of application .In order to avoid cabling costs and be more

MAIN FEATURES

- Compact 1U rack design, both flexible and durable. - Built-in digital Class-D 360W amplifier suitable for - Multiple status indicator lights on the front panel for

or on-site.

software.

Rated Output:

Power Consumption:

Audio Parameters

THD (Total Harmonic

Frequency Response:

Network Parameters

Distortion):

alarm systems.

easier maintenance.

Design and Amplification

100V powered loudspeakers.

- - **Connectivity and Integration** - SIP protocol compatibility for easy integration with mainstream VoIP systems (Yeastar, Asterisk, Cisco, etc.). - Supports offline broadcasting independently of a - Receives live voice announcements from third-party VoIP systems or SPON's centralized management

- Relay I/O port for connecting with third-party fire

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 - **Power Parameters** Power Supply: AC 100V-240V, 50/60Hz

360W

≤420W

updating timed tasks and alarm files.

- Comprehensive protection circuit for overload,

- Large-capacity storage for uploading and remotely

Protection and Storage

overheating, and lightning.

01

XC-9508P36

SPECIFICATION Mechanical&Environment Properties Mounting Method: 1U Rack-Mounted

Dry Indoor Locations Only

≤90% RH Non-Condensing

Protection, Surge Protection

Surface-Treated Steel Plate

Surface-Treated Steel Plate

02

03

04

XC-9508P36

XC-9508P36

XC-9508P36

Black

3.5KG

440×300×44mm

2 Years Limited

-10°C~+45°C

-20°C~+55°C

Installation Environment:

Operatiing Temperature:

Storage Temperature:

Operating Humidity:

Front Panel Material:

Product Dimensions:

Housing Material:

Color:

MP3, PCM, ADPCM, G.711 A-Audio Codec: Intelligent Temperature Heat Dissipation: Law, G.711 M-Law, G.729 Control, Forced Air Cooling S/N (Signal-To-Noise) ≥84dB Protection: Over-Current Protection, Short-Ratio: Circuit Protection, Overload Protection, 8kHz~44.1kHz, 16bit, Audio Sampling & Bit Thermal Protection, Lightning 8kbps~320kbps Rate:

Network I/F: 10BASE-T/100BASE-TX RJ45 **Product Weight:** Network Protocol: SIP, FTP, HTTP, RTP, TCP/IP, **Product Warranty:** UDP, ARP, ICMP, IGMP.

130Hz~18KHz

≤0.5% At 1kHz, 1/2 Rated Output

	Configuration Method:	Web Interface Or DevConfig Tool.
	Accessories	
	2×5-Pin Pluggable Termin Pitch,AWG 26-16)	al Block Connector (3.81mm
	1×4-Pin Pluggable Term Pitch, AWG 28-12)	ninal Block Connector (7.62mm
	8×Flat Head Screw	
	4×3M™ Floor Pad	

- 4×3M™ Floor Pad 2×Rack Mounting Bracket
- 1×Quick Installation Guide 1×Quality Certificate&1×Warranty Card 1×Power Cord (Optional)
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(2) STATUS:

1 POWER:

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③ SIGNAL:

(5) PROTECT:

4 CLIP:

when offline.

- **Compliance** CE (EMC Directive 2014/30/EU) CE (LVD Directive 2014/35/EU)

Red light normally on when the amplifier is powered on.

No light when there is no signal input ,green light normally on

Yellow light normally on when the amplifier is malfunctioning.

Red light normally on when the amplifier is overloaded.

PORTS DESCRIBTION

[Front Panel]

Green light normally on when online ,red light normally on

when there is signal input.

1 USB port : Reserved.

③ Relay Output :

4 Relay Input:

⑤Aux Input 01:

7 MIC Knob:

will decrease the volume;

will decrease the volume.

8 AUX1/2 Knob:

contact;

switch.

2 Network port: To connect to Ethernet

3-Pin pluggable terminal block (3.81mm Pitch, AWG 26-16), normally open (NO) or

2-Pin pluggable terminal block (3.81mm

3-Pin pluggable terminal block(3.81mm

Pitch, AWG 26-16), normally open (NO) dry

normally closed (NC) dry contact

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[Rear Panel]

PORTS DESCRIBTION

Pitch, AWG 26-16) (Balanced, Sensitivity/ Impedance: $500 \text{mV}/10 \text{k}\Omega$); **6 MUTE Knob:** MUTE depth adjustment knob, when the MIC input signals, it'll automatically MUTE AUX1 and AUX2, clockwise rotation will

increase the MUTE depth, anticlockwise

rotation will decrease the MUTE depth;

Adjust the MIC input volume, clockwise rotation will increase the volume, anticlockwise rotation

Adjust the Line input volume ,clockwise rotation will increase the volume, anticlockwise rotation

XC-9000 Server Software Centralized device/volume/zone management and scheduled music broadcasting

LAN

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Application 1

SIP Phone

XC-9038

IP Paging Console

XC-APP

Application 2

normally work.

XC-9000

Centralized Management Software

VOIP PBX

XC-9000

Centralized Management Software

Wireless Router

LAN

amlification.

10BASE-T/100BASE-TX RJ45 Connecting to Ethernet switch via CAT5e/CAT6 Ethernet cable Relay Input (2-pin terminal block) Normally Open (NO) Dry Contact

Manual Call Point or Heat/Smoke Detectors

NO

Mic Input (6.5mm Jack)
Connecting to external condense
microphone

Line Input (Dual RCA Jacks) Connecting to external audio source equipments such as CD/MP3 player or AM/FM tuner

APPLICATION

IP Integrated Amplifier XC-9508P36 can receive real-time voice announcement initiated by the 3-rd party VOIP telephone SPON IP paging microhone/APP(Windows, Android/IOS),etc. With built-in amplifier and line output interface, the voice can be transmitted to external passive speaker for

LAN

Line Input (3-pin Terminal Block)
Connecting to external streaming

music source equipments such as laptop/tablet/smartphone

17 Insurance Block

Mic Input:

(10) Aux Input 02:

(11) Aux Output:

Dual RCA Jacks.

(13) Cooling Fan

(14) Ground Terminal

15 Power Switch

(16) Power Input Interface

Impedance: $500 \text{mV}/10 \text{k}\Omega$)

voltage passive speakers;

1/4-inch (6.35mm) TRS Jack (Unbalanced, Sensitivity/Impedance: $100mV/600\Omega$)

Dual RCA Jacks (Unbalanced, Sensitivity/

12 Speaker Output 01/02 (100V):

2-Pin Pluggable Terminal Block (7.62mm Pitch, AWG

28-12), connecting and driving 100V constant-

CONNECTION DIAGRAM

MUTE: mute depth adjustment knob

Connecting to legacy analog amplifier with input impedence between 6000hm and 10k0hm

Passive Wall-Mounted/Ceiling/Horn Speakers (4Ohm/8Ohm Constant Resistance)

MIC: mic input volume adjustment knob

Electronic Door Lock

LED Strobe Light

COM 100V Passive Wall-Mounted/Ceiling/Horn Speakers (100V Constant Voltage) Line Output (Dual RCA Jacks)

05

XC-9508P36

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06

07

XC-9508P36

XC-9508P36

Horn Speaker(100V)

Horn Speaker(100V)

XC-9508P36

360Watt 100Volt

Analog Amplifier

Offline, work normally!

Horn Speaker (100V)

IP Integrated Amplifier

Windows crashed

IP Integrated Amplifier XC-9508P36 support to receive offline timed broadcasting, the offline timed tasks need to be pushed to the FTP of XC-9508P36, when the windwos crashed , the system can

> XC-9508P36 360Watt 100Volt

IP Integrated Amplifier

input signal from the 3-rd party system (For example ,IP camera of surveillance system . Emergence button of Fire alarm system) , the alarm tone need to be pre-uploaded to the FTP of XC-9508P36.

Application 3

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the following dimension diagram to put device in suitable cabinet wall according to the following appearance installation dimension drawing.

CASE

XC-9508P36 Horn Speaker(100V) 360Watt 100Volt IP Integrated Amplifier LAN

APPLICATION

IP Integrated Amplifier XC-9508P36 support to automatic broadcast alarm tone when receiving relay

(Abnormal behavior/sound detection) XC-9000 Centralized Management Software (Emergency button/Smoke/Infrared sensor) DIMENSION DRAWING IP Integrated Amplifier XC-9508P36 in rack-mounted installation with 4pcs of white washers head screws (M3*5). Please refer to

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