Fanvil

A212

**Wall Mounted Speaker
Quick Installation Guide**

❶ Package Contents

	A212 Wall Mounted Speaker		Connector
	Quick Installation Guide		Mounting Template
	Screw and tool		

❷ Physical specification

Size Description	**184.85 X 276.74 X 124.77mm**

1) Wall mounted speaker

184.85

124.77

276.74

Net cover

Led

Wall-mounted shelf

Cable cover
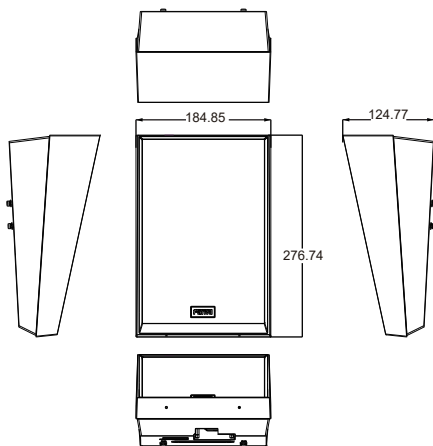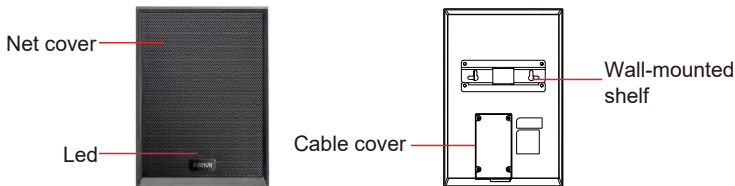
2) Interface description
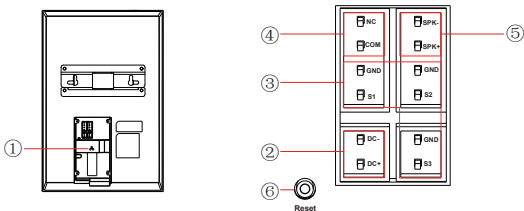
Serial number	Description	Wiring port description
①	**Ethernet interface:** standard RJ45 interface, 10/100M adaptive, support PoE powered, it is recommended to use CAT5 or CAT5E network cable.	
②	**Power interface:** DC 24V/2A input.	DC- DC+
③	**3 set of short-circuit input interface:** input devices for connecting switches, infrared sensor, door sensor, vibration sensors etc.	GND S1 S2 S3
④	**1 set of short-circuit output interface:** corresponding to the short-circuit input interface, login device web page settings, can be connected to electric locks, etc.	NC COM
⑤	**1 set of SPK interface:** supports connecting 8Ω15W passive speakers. (Standard DC24V/2A power supply support, do not use POE power supply!)	SPK- SPK+
⑥	**Reset button,** supports the following functions: **Report the IP address:** Long press reset button for 3 seconds, and when the speaker beeps rapidly, press reset button again quickly, the beeps stop ,the speaker will report the IP address by itself. **Switch IP address acquisition mode:** Long press reset button for 3 seconds, and when the speaker beeps rapidly, press reset button three times, after the success of the system automatically broadcast the current IP address. **Factory reset:** Long press reset button for 10 seconds, the device will be restored to factory settings.	

3) External device connection diagram

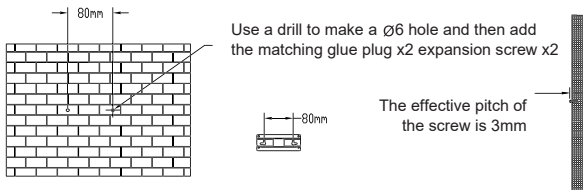Model 1: DC Power
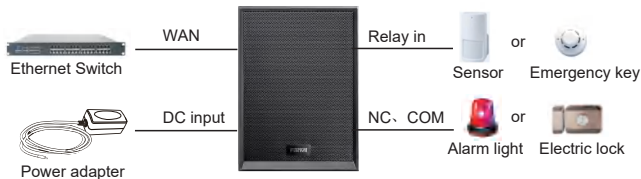
Model 2: PoE

Risk warnings and precautions
- Do not connect an external passive speaker with PoE power supply!
- If use the PoE switch (IEEE 802.3af, class 3), the device can not work fully, and the speaker sound becomes smaller
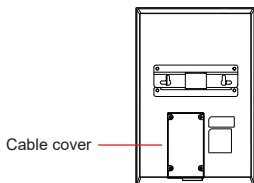
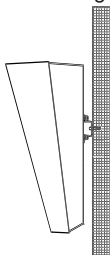## ❸ Installation Diagram(two installation methods)

1) Wall-mounted installation
Drill holes on the wall to be installed, the hole spacing is 80mm.And then drive the rubber plug into the wall, and use the two screws provided with the equipment to drive the hole into the wall.

Use a drill to make a ∅6 hole and then add the matching glue plug x2 expansion screw x2

The effective pitch of the screw is 3mm

B.Open the cable cover of the speaker, connect the network cable, if you need to connect other input and output devices, you can access the corresponding interface of the speaker, lead out the cable from the bottom, cover the cable cover.
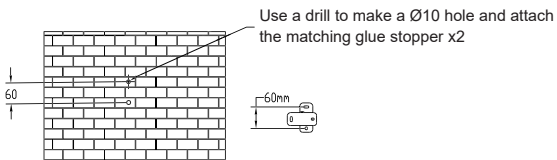

Cable cover

C. Align the hole of the wall hanging bracket at the back of the speaker with two screws, and clamp it to fix it without shaking.
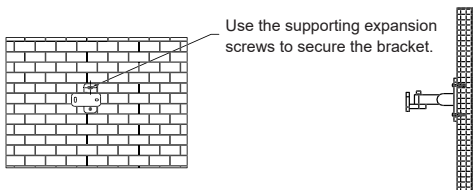
D.Power on the device,If it works normally, the installation is complete.
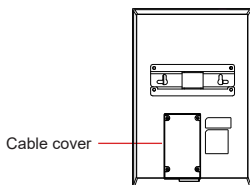
2)Universal bracket installation(option)
A. Drill holes on the wall to be installed, the hole spacing is 60mm.And then drive the rubber plug into the wall, and use the two screws provided with the equipment to drive the hole into the wall.

Use a drill to make a Ø10 hole and attach the matching glue stopper x2

60

60mm

B. Install the universal bracket on the wall.

Use the supporting expansion screws to secure the bracket.

C.Open the cable cover of the speaker, connect the network cable, if you need to connect other input and output devices, you can access the corresponding interface of the speaker, lead out the cable from the bottom, cover the cable cover.

Cable cover

D.Use the hex wrench to lock the speaker on the universal bracket.

Install M6x16 mechanical screw x2(trim spring washer) and lock with hex wrench.
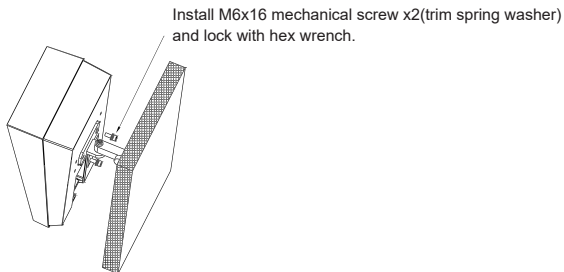
E. Power on the device,If it works normally, the installation is complete.

❹ Searching IP address
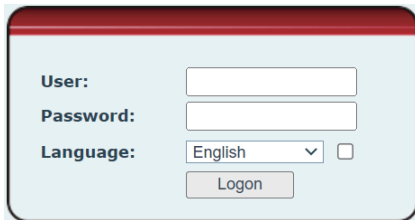
The default WAN mode is DHCP, Querying the IP address with the Device Manager：

MAC ⇕	IP Address ⇕	Model ⇕	Version ⇕	Version Status ⇕	Description ⇕
00:a8:59:ef:e0:e1	172.18.26.15	V67	2.6.6.261		--
0c:38:3e:59:bc:cb	172.18.26.8	W710H	T2.17.1		--
0c:38:3e:54:60:2b	172.18.26.5	i66	T0.0.17		i66
0c:38:3e:5c:ce:0f	172.18.26.12	W710D	1.0.0		--
0c:38:3e:18:59:57	172.18.26.3	A212	T2.12.45.7.6		--
0c:38:3e:5f:dc:d7	172.18.26.6	W710D	1.0.0		--
08:01:02:03:05:05	172.18.26.2	W710H	T2.14.8		--
0c:38:3e:1b:cc:b5	172.18.26.8	X4	2.13.0.7372		--
00:d8:4a:03:dc:fb	172.18.26.7	FH-S01	T2.12.44.12.2		FH-S01
00:a8:59:fd:92:0e	172.18.26.10	IP Phone	2.6.10.220		--
0c:38:3e:48:bf:e6	192.168.0.110	H3W	2.4.4.1		--
0c:38:3e:16:8e:5c	172.18.200.58	H5W	2.4.4.1		--
0c:38:3e:51:81:1c	172.18.200.192	X305	2.12.1.1		--
0c:38:3e:15:e8:f9	172.18.201.47	IP Phone	X1W_Fix_Wifi_Capture		--

❺ **Wall Mounted Speaker setting**

Step 1: Log in the web setting page of ceiling speaker
Input IP address of indoor station (e.g. http:// 172.18.26.3) into the address bar of PC's web browser.
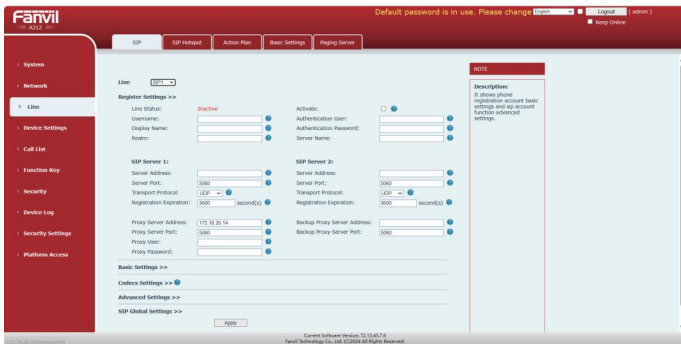The default user name and password are both admin.

User:	
Password:	
Language:	English ✔ ☐
	Logon

Step 2：Add the SIP account
Set SIP server address, port, user name, password and SIP user with assigned SIP account parameters. Select "Activate", and then click Apply to save this setting.

Step 3：Feature Setting

Step 4：Security Settings

If you need to connect other input and output devices, please set the Input and Output setting in the Security Settings：