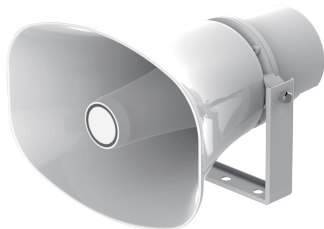


**A233**

**SIP Horn Speaker  
Quick Installation Guide**



## ① Package Contents



A233 horn speaker



Screw and tool

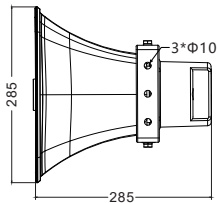
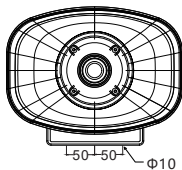
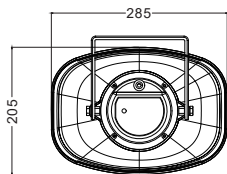


Quick Installation  
Guide

## ② Physical Specification

Size Description	<b>285*205*285mm</b>
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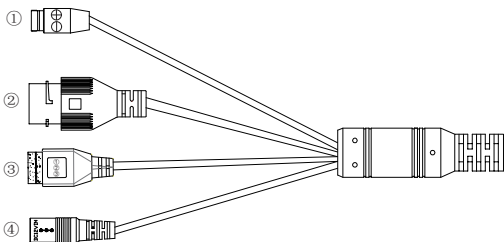
### 1) Three-view drawings







U-shaped bracket

Wiring harness

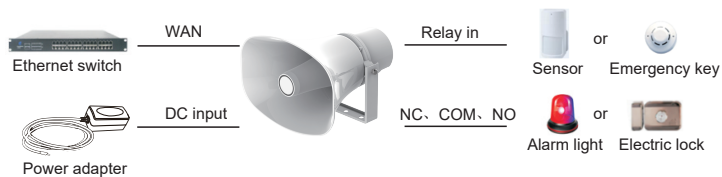
## 2) Wiring harness



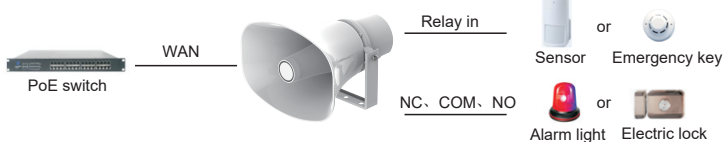
Serial number	Description	Interface
①	<b>The short circuit input interface:</b> input devices for connecting switches, infrared sensor, door sensor, vibration sensors etc.	 ⊕S1 ⊖GND
②	<b>Ethernet interface:</b> standard RJ45 interface, 10/100M adaptive, support PoE powered, it is recommended to use CAT5 or CAT5E network cable.	
③	<b>The short circuit output interface:</b> corresponding to the short-circuit input interface, login device web page settings, can be connected to electric locks, etc.	 ①NO ②COM ③NC
④	<b>Power interface:</b> DC 24V/2A input.	

## 3) External device connection diagram

### Model 1: DC Power



### Model 2: PoE





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EMail: [sales@fanvil.com](mailto:sales@fanvil.com)    [support@fanvil.com](mailto:support@fanvil.com)

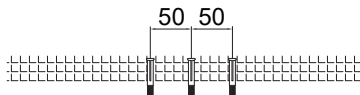
Tel: +86-755-2640-2199    Fax: +86-755-2640-2618

Add: 10/F Block A, Dualshine Global Science Innovation Center, Honglang North 2nd Road, Bao'an District, Shenzhen, China

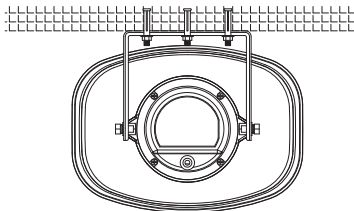
### 3 Installation Diagram

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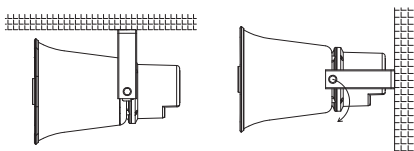
A. Drill three mounting holes suitable for M10 expansion bolts on the wall first, and the distance between the holes is 50mm. Then install the M10 expansion bolts.



B. Align the holes on the product bracket with the pre-drilled bolts on the wall, screw on the M10 nuts, and fix the product to the wall.



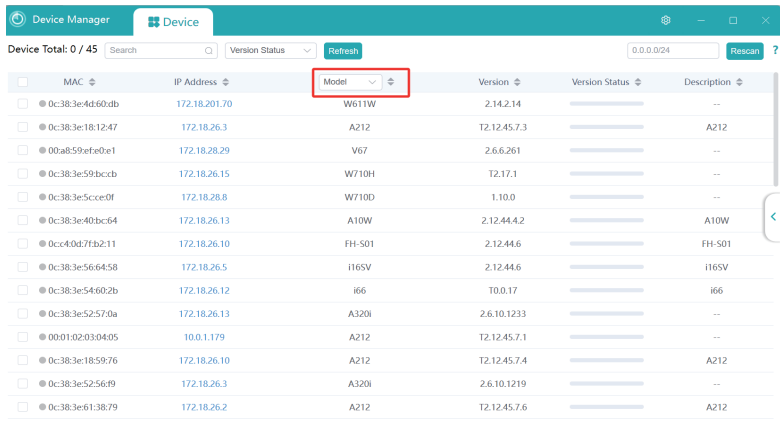
C. Then adjust the required angle of the loudspeaker.



D. Power on the device, if it works normally, the installation is complete.

## 4 Searching IP Address

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



Device Manager

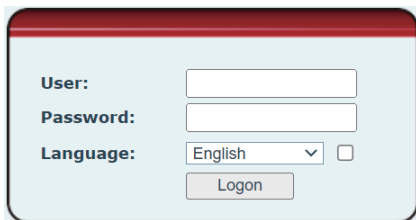
Device Total: 0 / 45 Search Version Status Refresh 0.0.0.0/24 Rescan ?

MAC	IP Address	Model	Version	Version Status	Description
0c:38:3e:4d:6d:db	172.18.201.70	W611W	2.14.2.14		--
0c:38:3e:18:12:47	172.18.26.3	A212	T2.12.45.7.3		A212
00a8:59:efe0:e1	172.18.28.29	V67	2.6.6.261		--
0c:38:3e:59:bccb	172.18.26.15	W710H	T2.17.1		--
0c:38:3e:5ccc:e0f	172.18.28.8	W710D	1.10.0		--
0c:38:3e:40:bc:64	172.18.26.13	A10W	2.12.44.4.2		A10W
0cc4:0d:7f:b2:11	172.18.26.10	FH-S01	2.12.44.6		FH-S01
0c:38:3e:56:64:58	172.18.26.5	i165V	2.12.44.6		i165V
0c:38:3e:54:60:2b	172.18.26.12	i66	T0.0.17		i66
0c:38:3e:52:57:0a	172.18.26.13	A320i	2.6.10.1233		--
00d1:02:03:04:05	10.0.1.179	A212	T2.12.45.7.1		--
0c:38:3e:18:59:76	172.18.26.10	A212	T2.12.45.7.4		A212
0c:38:3e:52:56:f9	172.18.26.3	A320i	2.6.10.1219		--
0c:38:3e:61:38:79	172.18.26.2	A212	T2.12.45.7.6		A212

## 5 Horn Speaker Settings

Step 1: Log in the web setting page of horn speaker  
Input IP address of indoor station (e.g. [http:// 172.18.26.3](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.

The screenshot shows the 'SIP' configuration page for a line. The interface includes a sidebar with navigation options: System, Network, Line, Device settings, Call List, Function Key, Security, Device Log, Security Settings, and Platform Access. The main content area is titled 'SIP' and contains the following settings:

- Line:** SIP
- Register Settings >>**
  - Line Status: Inactive
  - Activate:
  - Username:
  - Authentication User:
  - Display name:
  - Authentication Password:
  - Realm:
  - Server Name:
- SIP Server 1:**
  - Server Address:
  - Server Port: 5050
  - Transport Protocol: UDP
  - Registration Expiration: 3600 second(s)
- SIP Server 2:**
  - Server Address:
  - Server Port: 5050
  - Transport Protocol: UDP
  - Registration Expiration: 3600 second(s)
- Proxy Server Address:**
- Backup Proxy Server Address:**
- Proxy Server Port:** 5050
- Backup Proxy Server Port:** 5050
- Proxy User:**
- Proxy Password:**
- Basic Settings >>**
- Codecs Settings >>**

A 'NOTE' box on the right states: 'Description: It shows phone registration account settings and sip account advanced settings.'

Step 3: Device Settings

The screenshot shows the 'Device Settings' page in the Farvill A233 web interface. The sidebar navigation is similar to the previous step, with 'Device settings' selected. The main content area is titled 'Device Settings' and contains the following settings:

- Basic Settings >>**
  - Enable Call Waiting:
  - Enable Auto on Hook:
  - Auto HangUp Tone:
  - Enable Silent Mode:
  - Ban Outgoing:
  - Default Ans Mode: Video
  - Enable CallLog:
  - Enable Restricted Incoming List:
  - Enable Restricted Outgoing List:
  - Country Code:
  - Country Code:
  - Allow IP Call:
  - Caller Name Priority: LocalContact/ExtContact/SIP/DisplayName
  - Search path: LDAP
  - Restrict Active URI Source IP:
  - Line Display Format: xxx(SIP)
  - Block XML When Call:
  - Auto HangUp Delay: 3 (0-30)second(s)
  - Disable Mute for Ring:
  - Default Dial Mode: Video
  - Enable Country Code:
  - Area Code:
  - P2P IP Prefix:
  - LDAP Search:
  - Push XML Server:
  - SIP Notify:

A 'NOTE' box on the right states: 'Description: Function settings, set the phone fees including the basic settings, tone settings, ring settings, video settings, rfc2818 set the corresponding settings, password settings, power log settings.'

## 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:

The screenshot shows the 'Security Settings' page for a Fanvil A233 device. The page has a red header with the Fanvil logo and a navigation sidebar on the left. The main content area is titled 'Security Settings' and contains several sections:

- Basic Settings:** Ringtone Duration: 5 [1-600]s; Input & Tamper Server Address: [ ]; Message: Alarm\_Info Description:\$model SIP User:\$active\_user Mac:\$mac IP:\$ip Port:\$port
- Input Settings >>:** Two input configurations. Input 1: Triggered By: Low Level Trigger (Clock Trigger); Triggered Action: Send SMS (unchecked), Disk Key: None; Input Duration: 0:00 [0.00-3600]s; Triggered Ringtone: None. Input 2: Triggered By: Low Level Trigger (Clock Trigger); Triggered Action: Send SMS (unchecked), Disk Key: None; Input Duration: 0:00 [0.00-3600]s; Triggered Ringtone: None.
- Input Alarm Settings >>**
- Output Settings >>**
- Noise Alarm Settings >>**

This screenshot shows the 'Output Settings' section of the Security Settings page. It includes the following configuration options:

- Triggered By DTMF Ringtone: None
- Triggered By URI Ringtone: None
- Triggered By SMS Ringtone: None
- Triggered By Deskley Ringtone: None
- Output 1:** Standard Status: NC, closed; Output Trigger Mode: Trigger By DTMF (checked); Output Duration: 5 [0-600]s; DTMF Trigger Code: 1234; DTMF Reset Code: 4321; Reset By: By Duration; Trigger Message: OUT1\_SOS; Reset Message: OUT1\_CLR
- Trigger By Active URI:** Trigger Message: ALERT-OUT1\_SOS; Reset Message: ALERT-OUT1\_CLR
- Trigger By SMS:** Trigger Message: ALERT-OUT1\_CLR; Reset Message: ALERT-OUT1\_CLR
- Trigger By Input: Input 1 (checked), Input 2 (unchecked), Input 3 (unchecked)
- Trigger By Call State: Disabled State (checkbox unchecked); Enabled State list: Calling, Ringing, Talking (Callmg), Talking (Called), Talking (Incoming), Talking (Missed)
- Trigger By Deskley: None

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received; including interference that may cause undesired operation.