

Algo 8188 SIP Ceiling Speaker

Note: This guide applies to HPBX 3.0

1. Locate the device IP Address on the network and login from any web browser with the following url format: <http://192.0.0.0>
 - a. The above IP is only an example.
 - b. The default password is “algo” and this will also appear on the intro screen after you have accessed the device successfully via the web browser.
2. Log into the device with the default password provided.

ALGO

8188 SIP Ceiling Speaker Control Panel

Welcome to the Algo 8188 SIP Ceiling Speaker Control Panel

Setting up your SIP Ceiling Speaker:

Step 1: Configure your SIP Ceiling Speaker

Log in with the default password and use the Basic Settings pages to set up the basic information.

Step 2: Check network settings (Optional)

Use the Network page under the Advanced Settings tab to change network settings. The default setting for the device is to obtain its IP address from a DHCP server. Contact your Network System administrator if you plan to assign a static IP address, Mask, and Gateway to the device.

Step 3: Secure your SIP Ceiling Speaker (Optional)

Use the Admin page under the Advanced Settings tab to change the administrator password.

⚠ Changing the password is extremely important if the device is directly connected to a public network.

Step 4: Register your SIP Ceiling Speaker (Optional)

Please register your product using the link below:

<http://www.algosolutions.com/register>

Registration ensures your access to the latest upgrades to this product and important service notices.

Login

Password (default: algo)

Login

Status

Device Name	sipceiling		
SIP Registration	Page Ring #1	Successful Successful	(Extension 63064664) (Extension 63064694)
Call Status	Idle		
Proxy Status	Single proxy mode		
Security	TLS SRTP	Disabled Disabled	
Provisioning Status	None found		
MAC	00:22:ee:07:1f:e7		
IP	192.168.2.159		
Netmask	255.255.255.0		
Gateway	192.168.2.1		
Date / Time	Sat Feb 23 18:01:06 UTC 2019		
Multicast Mode	Slave Mode. Idle		
Volume	Page Volume: 4 (-18dB), Ring Volume: 4 (-18dB)		
Relay Input Status	Disabled		

Algo 8188 SIP Ceiling Speaker

3. Click on > Basic Settings tab > SIP tab.
 - a. SIP Domain (Proxy Server): hpbxX.telecomsvc.com
 - i. "X" will be substituted with the customers registration server number.
 - b. Ring/Alert Mode: click on the radio button "Monitor "Ring" event on registered SIP extension.
 - c. Ring Extension: enter the SIP registration ID.
 - d. Authentication ID: enter the SIP registration ID.
 - e. Authentication Password: enter the SIP registration password.
 - f. Page Extension: enter the SIP registration ID.
 - g. Authentication ID: enter the SIP registration ID.
 - h. Authentication Password: enter the SIP registration password.
 - i. Click SAVE

The screenshot shows the 'SIP Settings' section of the control panel. It includes fields for SIP Domain (Proxy Server), Ring/Alert Mode (with a radio button selected for 'Monitor "Ring" event on registered SIP extension'), Ring Extension, Authentication ID, and Authentication Password. There are also fields for Page Extension, Authentication ID, and Authentication Password. A 'Save' button is visible at the bottom right.

4. Click on > Advanced Settings tab > Network tab
 - a. Differentiated Services
 - i. SIP: 26
 - ii. RTP: 46
 - iii. RTCP: 46
 - iv. Click SAVE

The screenshot shows the 'Network Settings' section of the control panel. It includes fields for Network Interface (Protocol: Static IP / DHCP), 802.1Q Virtual LAN (VLAN Mode: None / Manual / Auto), and Differentiated Services (SIP, RTP, and RTCP values). The 'Differentiated Services' section is highlighted with a red box. A 'Save' button is visible at the bottom right.

Algo 8188 SIP Ceiling Speaker

5. Navigate to the next sub tab > Advanced Audio
 - a. Jitter Buffer Range: change to 150

The screenshot shows the 'Advanced Audio Functions' configuration page. The 'Jitter Buffer Range (milliseconds, 10 ~ 500)' is set to 150. Other options include Dynamic Range Compression (DRC) and Always Send RTP Media, both of which are currently disabled.

6. Navigate to the next sub tab > Advanced SIP
 - a. SIP Transportation: UDP
 - b. SDP SRTP Offer: Disabled
 - c. SIP Outbound Support (RFC 5626): Disabled
 - d. Outbound Proxy: hpbxX.telecomsvc.com
 - i. "X" will be substituted with the customers registration server number.
 - e. Register Period (seconds): 300
 - f. Keep-Alive Method: Double CRLF
 - g. Keep-Alive Interval (seconds): 15
 - h. Click SAVE.

The screenshot shows the 'Advanced SIP Settings' configuration page. The 'SIP Transportation' is set to 'Auto', 'SDP SRTP Offer' is 'Disabled', and 'SIP Outbound Support (RFC 5626)' is 'Disabled'. The 'Outbound Proxy' is set to 'hpbxX.telecomsvc.com' and the 'Register Period (seconds)' is '300'. Under 'NAT', 'Media NAT' is set to 'None'. Under 'Server Redundancy', 'Server Redundancy Feature (Multiple SIP Server Support)' is 'Disabled'. Under 'Interoperability', 'Keep-Alive Method' is set to 'Double CRLF' and 'Keep-Alive Interval (seconds)' is '15'. A 'Saved' message at the top indicates that changes have been saved and will be applied on the next call.

7. Navigate back to the Status tab and check that the device is registered.
 - a. If the device is not registered, recheck the following:
 - i. Sever entered
 - ii. Sip credentials
 - iii. Try rebooting the device
 - iv. Try rebooting the network.