

Algo 8028-SIP Doorphone



Yealink BG Admin Guide

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Adding Algo 8028- SIP Doorphone to the BG Admin

Accessing the CommPortal BG Admin interface

To configure BG lines, and to manage their BG's lines and services, a BG Administrator should log in to the CommPortal BG Admin interface using a separate login page to regular users. For example, a BG Administrator might log in at <https://commportal.airespring.com/bg> . The BG Administrator login page sends the BG Administrator to the BG Administrator section of the default web UI.

CommPortal is supported on the latest versions of all major browsers and operating systems. This includes:

Microsoft Internet Explorer version 11

Edge

Firefox version 3 or later

Google Chrome (Windows only)

Safari version 5 or later (Mac OS X only)

It is supported on the following operating systems:

- ▶ Microsoft Windows Vista
- ▶ Microsoft Windows 7
- ▶ Microsoft Windows 8
- ▶ Microsoft Windows 10
- ▶ Mac OS X 10.6
- ▶ Snow Leopard and later, although some features are only supported by later versions JavaScript must be enabled.

Logging into CommPortal BG Admin

The following shows a sample CommPortal login page.

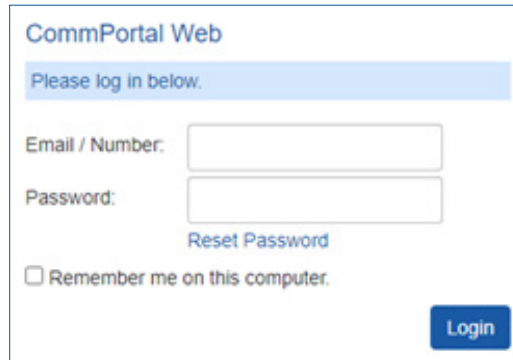


FIGURE 1: COMMPORTAL LOGIN PAGE

To log into CommPortal, follow these steps:

Enter a phone number with administrative access.

Enter the password.

Click on Login.

If this is the first time you have logged in, you will be prompted to change your password.

Using CommPortal BG Admin

Once you are logged into CommPortal you will see the Business Group Administrator's homepage.

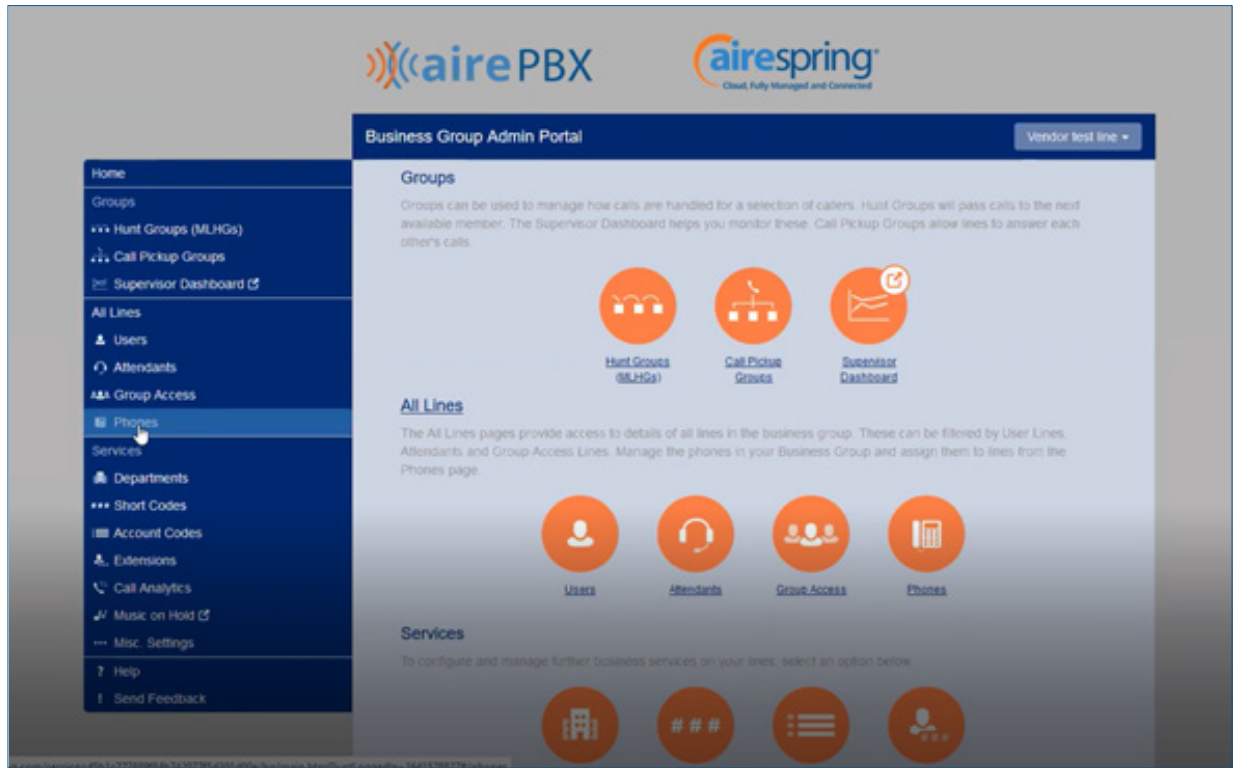
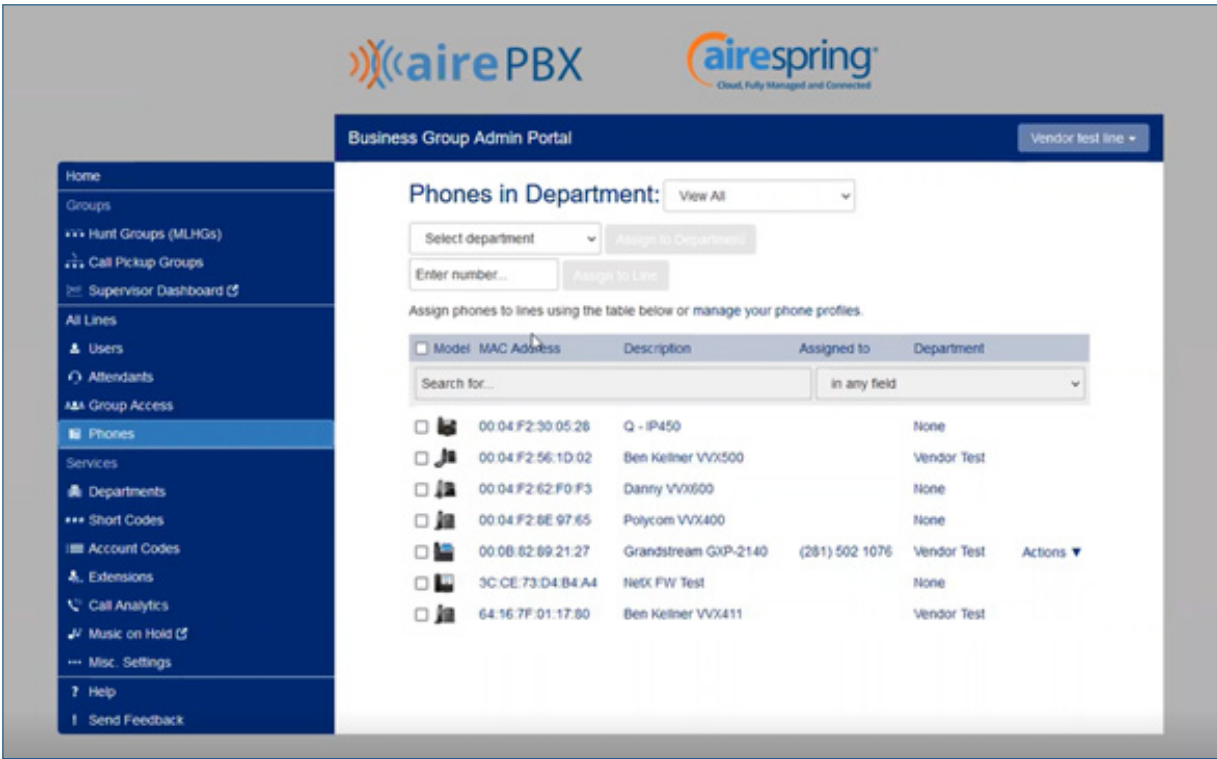


Figure 2: CommPortal Business Group Administrator homepage

Click on Phones section at the left-hand side – you can view different departments in case customer have multisite locations.

Building a new phone profile for users

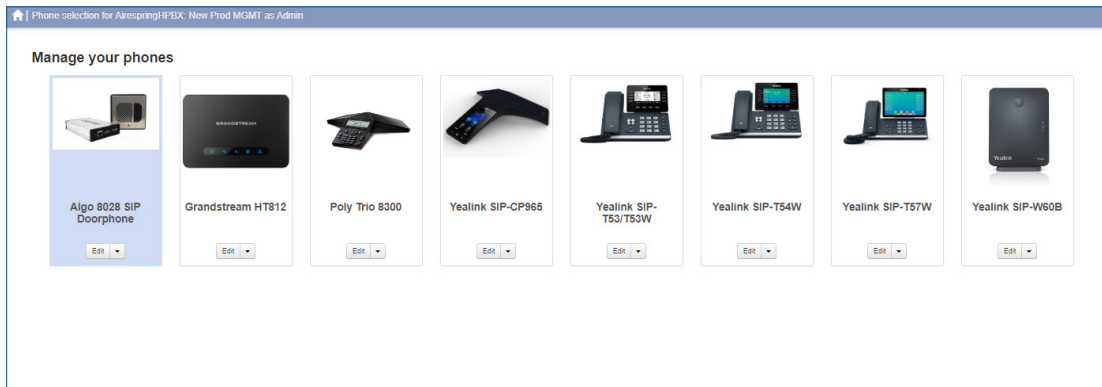
Select a department if the phone model to be added is specific to one location. If the profile is to be used for the entire business, leave blank. Click on *manage your phone profile*

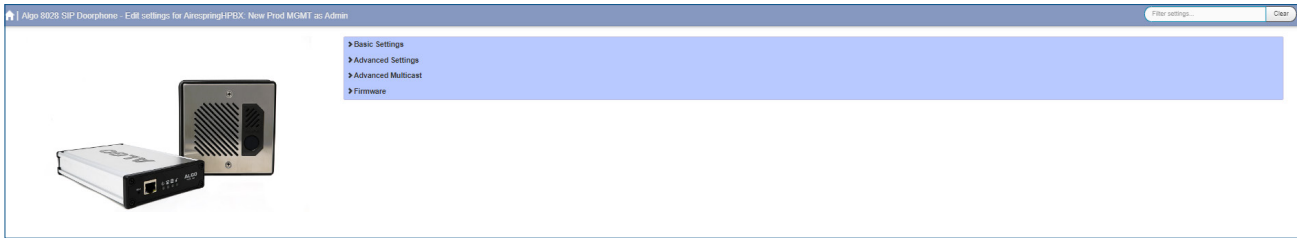


On the next screen select "Create a new profile" at the bottom of the page

Then select Algo 8028- SIP Doorphone

The profile has been created on the BG Admin



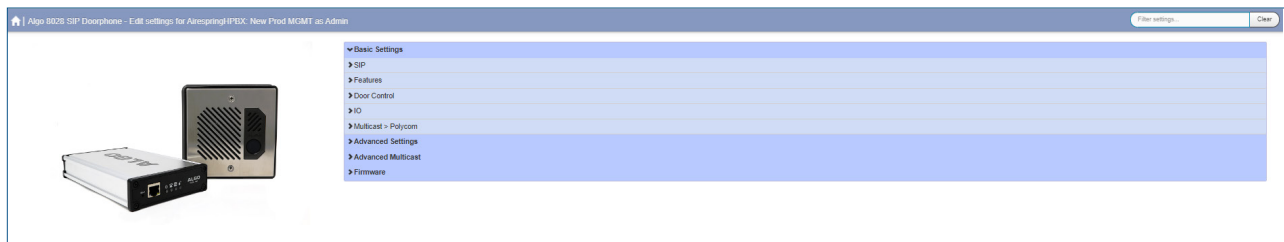


Basic Setting

SIP

Extension – The SIP extension that the 8028 Doorphone uses to register with the phone system.

Dialing Extension – The target phone number that the 8028 will dial when the call button is pressed.



Features

- ▶ In this section you will be able to customize speaker volume, enable and disable Automatic Gain Control, Answer Inbound Calls, Answer Tone, Outbound Ring Limit, Ringback Tone, Allow Call Button to End Outbound Call, Cancel Ring if Door Opened, Maximum Call Duration.

Door Control

- ▶ **Momentary Open Code** DTMF code used by far-end phone to unlock door for a brief period. Maximum length 4 digits.
- ▶ **Momentary Open Duration** Length of time for door to remain unlocked when Momentary Open Code is entered.
- ▶ **Cancel Relay** if Door Opened Immediately lock door again after first opening is detected, to prevent tailgating. Door sensor hardware and configuration required.
- ▶ **Latch Open Code** DTMF code used by far-end phone to unlock door and leave it latched in this state for indefinite period of time (no automatic relock). Maximum length 4 digits.

- ▶ **Latch Closed Code** DTMF code used by far-end phone to manually lock door again after using Latch Open Code. Maximum length 4 digits.
- ▶ **Door Unlock Tone** Play brief tone on doorstation speaker to indicate when door is unlocked.

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- ▶ **Controller Input** Sets the function of the input port on the Controller unit.
- ▶ **Controller Input Mode** Set Controller Input mode to normally open or normally closed.
- ▶ **Door Station Input** Sets the function of the input port on the Doorstation.
- ▶ **Station Input Mode** Set Station Input mode to normally open or normally closed.
- ▶ **Call Button Backlight** Set to turn on or off the backlight of Call Button on Doorstation.
- ▶ **Controller Output** Sets the function of the output on the Controller unit (low power switching only - see User Guide for electrical spec).
- ▶ **Door Station Output** Sets the function of the output on the Doorstation (low power switching only - see User Guide for electrical spec).
- ▶ **Door Relay** Sets the function of the high power 'Door Relay' on the Controller unit (typically used as 'Door Control' but can be changed if desired to another function).
- ▶ **In-Use Definition** Changes the details of the definition of 'In-Use' for the output settings above.
- ▶ **Aux 24V output Mode** Set Auxiliary 24V output, this setting requires PoE+ connection
- ▶ **Display Auxiliary power State** on Status Page Enable to display auxiliary power state on status page.
- ▶ **Current Limit** Set the current limit to high or low.
- ▶ **Max Door Open Time** after which to generate an alarm condition if the door remains physically open. Door sensor hardware and configuration required.
- ▶ **Door Open Alarm Tone Alarm** tone will play if the door is open longer than the chosen Max Door Open duration.
- ▶ **Door Open Alarm Duration** If a 'door open' alarm condition occurs due to the door being held open (after the time defined above), a call with recorded warning message can occur, repeated at this frequency.
- ▶ **Door Station Disconnect Alarm Tone** The tone will be played when Door Station is disconnected.
- ▶ **Door Station Disconnected Max Alarm Duration** If the doorstation is disconnected (due to removal or a wiring fault), a call with recorded warning message can occur, repeated at this duration.

Multicast > Polycom

- ▶ **Polycom Zone** Enter the same Multicast IP Address & Port number as configured on the Polycom phones.
- ▶ **Polycom Slave Channels/ Playback Groups** Polycom slave subscription groups or allows master device to play audio for selected groups only. This is useful if using DTMF Selectable Group mode (Group 1-25).

Advance Setting

Network

- ▶ VLAN Mode -Do not enable this setting if the network switch already assigns a VLAN
- ▶ Differentiated Services SIP (6-bit DSCP value) -Enter value in regular (decimal) format (usually 46)
- ▶ Differentiated Services RTP (6-bit DSCP value) - Enter value in regular (decimal) format (usually 46)

Admin

- ▶ Device Name (Hostname) This field can be used to distinguish between multiple devices. It is displayed in the 'Algo Network Device Locator' software tool.
- ▶ Play Tone at Startup - A tone can be played at startup to confirm that the device has booted.
- ▶ System Integrity Checking - This feature verifies installed system packages to ensure they have not been tampered with. Enabling this feature may cause reboots and upgrades to take 30 seconds longer. Verification results can be found on the Status page.

Time

- ▶ Timezone - Required for daily configuration retrieval.
- ▶ NTP Time Server 1 -Required for daily configuration retrieval. NTP server 199.195.180.249 preset for Airespring. May be changed by customer.
- ▶ NTP Time Server Source - By default, if an NTP Server address is provided via DHCP Option 42, this will be used instead of the options above.

Provisioning

Advance Audio

- ▶ Dynamic Range Compression (DRC) - Compress the dynamic range of page audio to increase loudness.
- ▶ Dynamic Range Compression Gain (DRC enabled) - Specify the amount of compression gain. More gain increases distortion.
- ▶ Jitter Buffer Range (milliseconds 10 – 500) - Adds more buffering if necessary to correct for inconsistent delays on the network. Use of the lowest value generally is recommended.

Advance SIP

- ▶ SIP Transportation - Select UDP or TCP, TCP set as the default.

Advance Multicast

In this section you will be able to customize:

Slave Settings

- ▶ Audio Syn (0-1000 milliseconds) - By adding audio delay up to one second, the device may be synchronized with other speakers or telephones that have greater latency.

Polycom Slave Tone (Group 1 -25)

- ▶ Polycom Group Page/Push-to-Talk should be enabled in Basic Settings > Multicast. When an Algo device is the multicast master, a page tone will play on the slave device, so it is recommended to set the slave tone to 'None'.

Firmware

- ▶ For information only.



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