SIP Algo 8301
Paging Adapter & Scheduler
Quick Reference Guide

Algo's 8301 IP Paging Adapter & Scheduler is a SIP-compliant, multicast-capable endpoint device for integrating consumer, commercial, and professional audio amplifiers into an IP-based Unified Communication (UC) environment for voice paging and notification. Emulating a page port similar to what is found on legacy PBX or key systems, the 8301 connects directly to traditional analog amplifiers, offering a simple and easy interface to a VoIP phone system. The 8301 uses a balanced and isolated line level output that reduces hum and which can connect with any amplifier with an input impedance between 600 Ohm to 10 kOhm.

The 8301 also includes a scheduler, synchronized to NTP, to provide scheduled bells, tones, and customer service or emergency announcements for schools, retail shops, manufacturing facilities, and healthcare institutions. 1 GB of memory is available in the device to store audio files, which can be played via the 8301 Line Out and, if desired, as a multicast to other Algo speakers, paging adapters, and display speakers

GETTING STARTED

Your Northland Technician will provide you with your device's IP Address, your User Name and Password. The Northland Technician will configure the device for you upon initial set up. You will be able to change schedules, tones and bells in the user interface. Be sure to have your schedule ready for the technician.
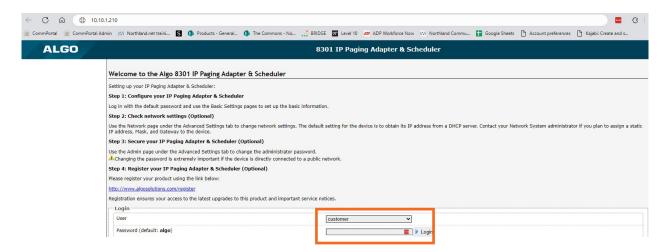
Your Northland Technician will assist you with the initial setup steps. This includes:
+ Device set up and registration
   + Installation of the 8301 Paging Adapter/Scheduler
   + Creating a schedule *
   + Adding bells or tones *
   + Creating a custom announcement (if applicable)

* You will be able to edit the schedule, bells and tones through the user interface.

IMPORTANT: If you require a custom announcement, you will need to contact Northland Communications.

Need support? Connect with us at www.northland.net/support or
Dial 4357 (HELP) or 315-671-6262 to speak to a Northland Representative

LOGGING IN

+ Enter the IP address provided by your Northland Technician in the browser. This will open the Algo 8301 log in page and status tab.

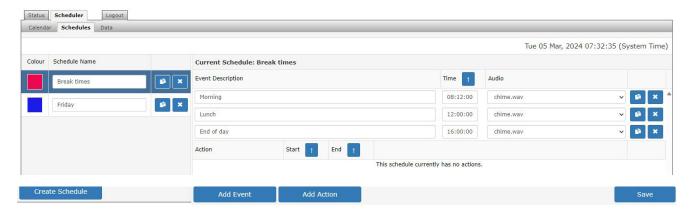+ Enter the User Name and password provided by your Northland Technician.
+ Select **Login.**
  The application will open to the [Calendar Tab](#).
  At the top you will see tabs. You will work with the **Scheduler, Calendar** and **Schedule** tabs. You can view information on the **Status** tab.

Schedule Tab

WORKING WITH SCHEDULES

The Schedule tab is where you will view the current schedules, as well as edit or add new schedules. In the example below, there are two schedules, one for break times Monday through Thursday and one for Friday when staff finishes early.
The Schedule tab is divided into two sections:

+ To **Delete** a schedule, click the **X** button.
+ To **Copy** a schedule, click the **Copy** button. You can then edit the name by clicking in the **Schedule Name** field.
+ To **Edit** an existing schedule, select the schedule and change the required fields.
+ With any of the above, click **Save** when finished.

Create a New Schedule

+ To create a new schedule, select **Create Schedule** at the bottom. This will populate a blank schedule.
  + Click the color block to select the color that will appear on the calendar.
  + Click in the schedule name field to assign a name to the new schedule.
+ To add an event to the schedule, click **Add Event** at the bottom.
  + Enter a name for the event, for example: Saturday am break.
  + Enter a time for the event.
  + Choose the sound you want to be heard for the event.
  + Select **Save** at the bottom. Screen will display "*Data saved successfully*"
+ Return to the calendar to add the new schedule. See Calendar Tab.
NOTE: **Add Action** is currently not an available feature.

Calendar Tab

WORKING WITH THE CALENDAR

The Calendar Tab displays the current schedules. This is also where you add the new schedules you create and edit existing the schedules.

Add a New Schedule

+ Access the **Calendar** Tab.
+ From the dropdown on the right, select the schedule you want to add to the calendar.
+ Select whether it's a single event or a recurring event.
  When you select recurring, a menu appears at the bottom of the calendar.
  + Select the recurrence: Daily, Weekly, Monthly.
  + Select the days of the week.
  + When weekly or monthly is selected, select the frequency: Every 1, 2, 3 etc. weeks or months.
  + Enter an end date.
+ Return to the calendar and click on the date for the schedule to begin or occur.
+ Click **Save**.

Delete a Schedule

+ In the dropdown at the top, select **None (Clear)**
+ Click on the schedule you wish to delete.
  When it is a recurring schedule, you will be asked to confirm whether you wish to delete all schedules in the series.
+ When finished, click **Save**.

Status Tab

The Status Tab displays the Welcome information as well as the device status. This includes the Device Name, Call Status, MAC address, Next Scheduled Event and other information.

| Status | Scheduler | Logout |

Device Status

Welcome to the Algo 8301 IP Paging Adapter & Scheduler

Setting up your IP Paging Adapter & Scheduler:

Step 1: Configure your IP Paging Adapter & Scheduler

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 IP Paging Adapter & Scheduler (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 IP Paging Adapter & Scheduler (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.

Status

Device Name	pagingadapter-192352
SIP Registration	**Page** **Successful** (Extension 3152352236)
Call Status	Idle
Proxy Status	Single proxy mode
Provisioning Status	Successful
MAC	00:22:ee:19:23:52
IPv4	10.10.0.103/23, Gateway: 10.10.0.1
Date / Time	Tue Mar 5 11:21:02 PST 2024
Next Scheduled Event	**Break times** Tue Mar 05 2024 12:00:00 chime.wav
Next Scheduled Action	No Actions Scheduled
Current Action	None
Multicast Mode	Disabled
Volume	Page Volume: 10 (0dB)
Relay Input Status	Disabled