

## 8305 Multi-Interface IP Paging Adapter

### Quick Start Guide



Algo's 8305 Multi-Interface IP Paging Adapter is a SIP-compliant, PoE device that enables you to integrate legacy communication systems and IP devices. Designed specifically to emulate an analog phone, the 8305 enables you to create a hybrid VoIP environment by continuing to use existing analog hardware connected to a telephone port, 8 Ω output, or line output while gaining the benefits of connecting to unified communication (UC), collaboration, and mass communication platforms.

### What is Included

The following items are included with the 8305 Multi-Interface IP Paging:

- 8305 Multi-Interface IP Paging Adapter
- Wall mount bracket and screws
- Network cable
- Telephone cable
- Two (2) pluggable terminal blocks
- Flat head screwdriver
- Getting Started Sheet

## HARDWARE SETUP & INSTALLATION

### Mounting Instructions

Use the supplied bracket to mount the 8305 horizontally.

Example installation on 1/2" drywall:

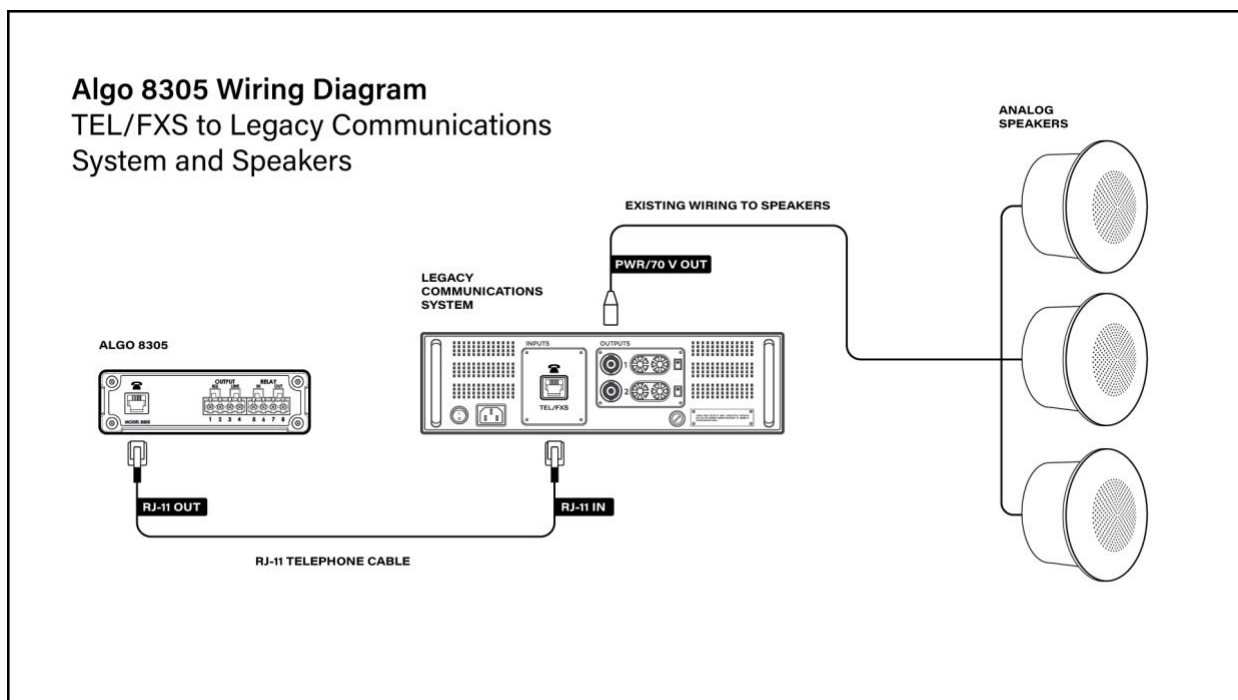
1. Use appropriate drywall anchors for #8 screws and pre-drill per anchor manufacturer's instructions.
2. Insert 4 anchors into the wall, and then attach the bracket to the wall anchors using #8 screws.
3. Snap the 8305 into the bracket.

### Wiring Connections

1. Connect the 8305 Multi-Interface IP Paging Adapter to an IEEE 802.3af compliant PoE network switch or PoE injector. Blue lights on the front will turn on.
2. Wait for the blue lights to turn off (about 60 seconds). Boot-up is complete when they turn off.
3. Press the recessed reset switch (RST) to play the IP address over the analog outputs or via a headset connected to the green AUX output port. You will need this IP address to configure the 8305 using the web interface.

You can also find the IP address by downloading the Algo [Network Device Locator](#) or a third-party network scanner to find Algo devices on your network. Algo device MAC addresses start with 00:22:ee.

4. Connect your desired devices to the telephone port, line output, or 8 Ω output.
  - a. **Telephone Port** – This port on the 8305 emulates an analog telephone. Connect to the telephone port on an analog amplifier (may be labeled as an FXS port).
  - b. **Line Output** – Connect directly to the Line Input on an amplifier with an input impedance between 600 Ohm and 10 kOhm. The output level can be adjusted to match the amplifier’s input volume and other audio specifications in the web interface under **Basic Settings** → **Features**. If required, the optional dry contact closure can be used to activate the amplifier.
  - c. **8 Ω Output** – Connect one or many self-amplified speakers. If many speakers are connected in parallel, the resulting effective impedance must not be less than 8 Ω. Intended use is for nominal 2 kΩ or 1 kΩ self-amplified speakers.



### Web Interface Setup

1. Enter the IP address into a web browser to access the 8305 Multi-Interface IP Paging Adapter web interface.
2. Log in using the default password: *algo*.
3. Navigate to **Basic Settings** → **SIP** and enter the IP address or the domain name for the SIP server (provided by your IT team or hosted provider) into **SIP Domain (Proxy Server)**.
4. Enter the Page and/or Ring credentials **Extension**, **Authentication ID**, and **Authentication Password** (provided by your IT team or hosted provider). If you are not using an extension, leave the fields blank.

Note that some SIP servers may say Username instead of Authentication ID.

5. Verify the extension is properly registered with the SIP server in the Status tab. Ensure the SIP registration says “Successful”.
6. Test the adapter by dialing the registered SIP extension from a telephone.

## IMPORTANT SAFETY INFORMATION



### EMERGENCY COMMUNICATION

If used in an emergency communication application, the 8375 IP Zone Paging Adapter & Scheduler should be routinely tested. SNMP supervision is recommended for assurance of proper operation. Contact Algo for other methods of operational assurance.



### DRY INDOOR LOCATION ONLY

The 8375 IP Zone Paging Adapter & Scheduler is intended for dry indoor locations only. For outdoor locations, Algo offers weatherproof speakers and strobe lights.

**CAT5 or CAT6 connection wiring to an IEEE 802.3af compliant network PoE switch must not leave the building perimeter without adequate lightning protection.**

**No wiring connected to the 8375 IP Zone Paging Adapter & Scheduler may leave the building perimeter without adequate lightning protection.**

## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operations of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his or her own expense.