

Bogen Universal Telephone Interface(UTI) 1

Overhead Paging Implementation Guide



Overview

Document Purpose

The purpose of this document is to provide a technical description, configuration instructions and best practices for successful implementation of a Bogen UTI1 Paging System over your EarthLink service. This guide will provide instructions on how to configure the Bogen UTI1 port that connects to the EarthLink service and basic troubleshooting steps.

EarthLink has completed successful interoperability on the Bogen UTI1 for use with an overhead paging system* and validated the configurations detailed in this document.

**Other features and installation configurations have not been tested.*

Hardware Detail and Specifications

The Bogen UTI1 Paging System will provide overhead paging capabilities which connects to your EarthLink service via an analog line. The analog line may be delivered via a FXS port on the router, an Analog Telephone Adapter (ATA) or a 66-Clip Wire Block and will connect to the Bogen via an RJ-11 connector.

The Bogen UTI1 is a single unit and requires additional accessories for a complete paging solution including (but not limited to) speakers, amplifiers and wiring. EarthLink does not provide, install, maintain or support the Bogen UTI1 Paging System or any accessories.

Getting Help

If you require additional installation instructions or troubleshooting help please contact Bogen Communications, Inc via one of the following methods:

- **Phone:** 800-999-2809(Option 2)
- **E-Mail:** support@bogen.com
- **Online:** <http://www.bogen.com/support/>

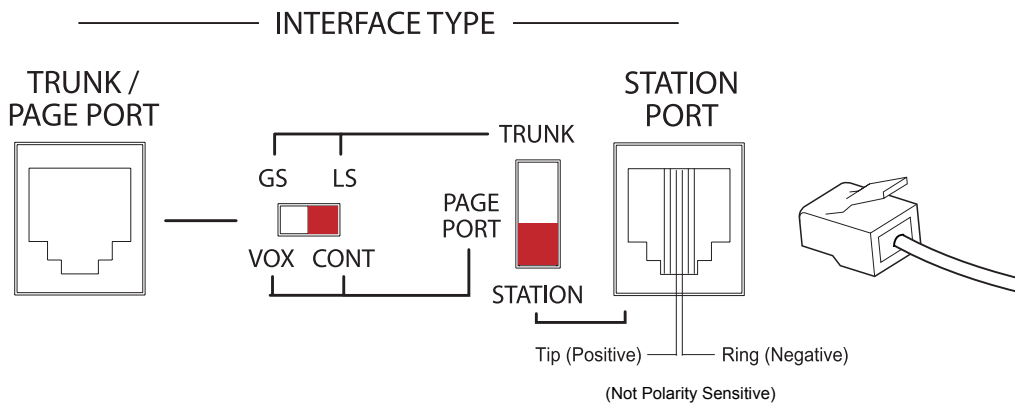
Configuration Guide

Connect to the EarthLink Analog Line

The Bogen UTI1 will connect to the EarthLink as a PBX Analog Station Port.

In this configuration, the unit answers after detecting ring. Make sure that the power is off and all connections are completed before proceeding.

1. Move the **interface** slide switch on the UTI1 to **STATION**.
2. Move the other switch to **LS**
3. Use a modular telephone cord to connect the UTI1 Station Port RJ-11 to the EarthLink analog line.

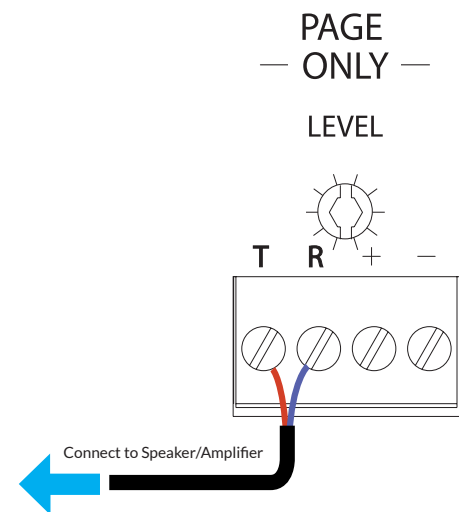


Connect to the Paging Speakers/Amplifier

To connect the Bogen UTI1 to the speakers or amplifier follow the instructions below.

1. Connect a single pair wire to the tip and ring of the **Page Only** terminal.
 - a. The tip and ring wires are not pair specific.
2. Connect the other end of the single pair wire to the speaker(s).

Please refer to the Bogen Installation Manual at www.bogen.com for alternate configuration instructions using amplified speakers or an external amplifier.



Common Issues

Symptom: After completing a page a busy tone is heard.

Cause: The Trunk Disconnect feature of the UTI1 will attempt to release the port in the event a user does not hang up the line properly or no audio is detected. The amount of time before the feature trigger is controlled by the VOX timer. If the timer value is set too high the trunk may remain open even after the call is released and a busy tone is broadcast over the speakers.

Solution: Follow the instructions below to lower the VOX setting to 2 seconds.

1. Set the **Program/Run** switch to **PGM**
2. Connect an analog phone to the **OVERRIDE** port and take the line off hook
3. You will hear 3 beep tones indicating access to the programming mode
4. Dial 5-1-2-#
5. A double beep will sound to confirm the entry.
6. Set the **Program/Run** switch to **RUN**