SINGLE-ZONE TELEPHONE INTERFACE

Single-Zone Universal Telephone Interface

UTI1 +20 CURRENT UNITS

Bogen's **UTI1** is a single-zone telephone interface that is compatible with all standard analog port types. A background music (BGM) input with variable muting coordinates music and page announcements. An additional audio output provides a "page only" function *(no BGM)* for application flexibility. A built-in 24V DC, 1A power supply is provided for powering amplified speakers. Paging volume controls are provided for each of the outputs. An output limiter function, with limiter active indicator, provides consistent page volume regardless of loud or soft paging announcements. Contact-triggered tones and night ring signals, as well as programmable AUX relay contacts, are all programmed using DTMF tones through the dual-purpose override input. Plug-in terminal strips provide for easy installation. An optional security cover/rack mount kit *(RPKUTI1)* is available.

UTI1 Control Panel

Product Features:

- Emergency override & general paging
- One-way paging only
- Interfaces to Loop Start, Ground Start, Analog Station, and Page Ports *(with or without contact closure activation)*
- Simple 2-switch interface setup
- Background music (BGM) input with level control and variable muting
- Separate Page & BGM and Page Only *(no BGM)* outputs
- Level control for each output
- 24V DC, 1A power supply
- 150 Speaker T/R drive capacity per output
- Page level limiter with active indicator
- Adjustable automatic level control
- Override input (loop start or page port)
- Contact-triggered Night Ring input
- Programmable AUX Relay
- Pre-announce/confirmation tone
- Tone burst *(2 to 7 sec)*, chime, and slow whoop tone selections

- Microcontroller operated, DTMF programmable
- Night ring tone or chime selection
- Setup test tone
- Pluggable terminal strip connectors
- Programming through override jack
- Programmable timeout for station mode
- Programmable trunk port timeout
- Responds to CPC disconnect signal
- Wall-mount design
- Rack-mountable with RPKUTI1 kit *(optional)*
- FCC Part 68 Registered
- Listed to UL Standard 60950 for US and Canada

UTI1 shown with optional rack mount / security cover kit

Power Requirements	Dimensions	Product Weight
120V AC, 0.5A	12-1/4" W X 5-1/4" H X 2-1/2" D (without rack mount kit)	5 lb.

Programmable AUX Relay

The UTI1 provides a way for installers to decide how the AUX relay contacts will trip based on which inputs on the UTI1 are active. The UTI1 has 4 inputs: override, tone trigger, paging, and night ring. The installer can program the AUX relay to respond to one or any combination of these inputs. The UTI1 prioritizes these inputs (in the order shown above) so that higher priority inputs preempt lower ones, but the AUX relay contacts can be programmed to work independently of this hierarchy.

For example, the AUX relay could be programmed to respond only to a night ring trigger independent of anything else the UTI1 was doing. The UTI1 would suppress the night ring tone if a general page were made; however with the AUX relay programmed this way, the AUX relay contacts would remain active until the night ring input stopped regardless of the other UTI1 inputs.

The AUX relay contacts can also be programmed to operate after the triggering event has finished. In this case, the AUX relay contact activates for 1 second and then stops. This type of operation allows external equipment to be triggered after an event has occurred.

All this selectable functionality allows the installer improved ways to control external equipment in conjunction with the UTI1 operation. Programming is accomplished through simple DTMF programming codes.

Accessories

RPKUTI1
Security Cover & Rack Mount Kit
(sold as a set)