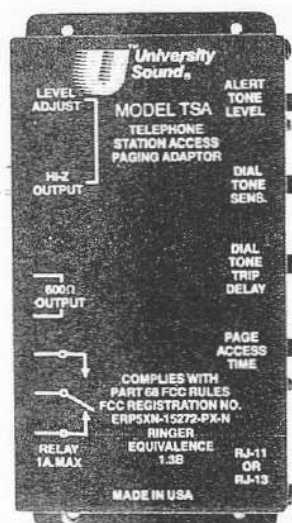




TSA

Telephone Station Paging Adapter



Product Data

- Allows station access to paging amp from CO lines
- Modular RJ-11 jack input, no other power required
- 600Ω and Hi-Z audio outputs
- SPDT relay for music mute, etc.
- Integral alert tone generator
- FCC registered

Specifications:

Controls: Output Level
Alert Tone Level
Dial Tone Sensitivity
Dial Tone Trip Delay
Page Access Time

Input:

Connector: RJ-11
Ringer Equivalence: 1.3 B
Ring Detection: 40 to 150V @ 15.3 to 68 Hz
Loop Current: 90 mA max
Alert Tone Frequency: 600 Hz
Dial Tone Detect Freq: 350 Hz
Page Access Time: 5 to 30 sec

Output:

Connectors: RCA Unbalanced
Screw Terminals
Impedance: Hi-Z (22 kΩ min)
600 Ω
Level: -5 dB w/internal termination
-0.5 dB no termination

Relay: SPDT, 1A contacts

Dimensions:

Height: 6.125" (15.6 cm)
Width: 3" (7.6 cm)
Depth: 1.25" (3.2 cm)

Shipping Weight: 2 lbs. (0.9 kg)

Description

The University Sound TSA is a telephone interface device which allows station access from a PABX to a paging amplifier. Input connection to the TSA is made by means of a standard modular RJ-11 or RJ-13 jack. No other input power is required. The TSA is designed to be connected to a dedicated station line in place of a telephone instrument. By calling the station number to which the TSA is connected, a direct paging access is made to the paging amplifier. When this connection is made, an alert tone is sounded both in the phone and the paging speakers. After the page, the TSA will automatically disconnect either when the dial tone is heard or after the pre-adjusted time, whichever comes first.

Output provisions from the TSA to the paging amplifier includes both an audio output and a SPDT relay circuit to activate a music mute or other function during the page. Two audio outputs are provided; a 600 Ω transformer coupled, or a high impedance output with screw-driver level adjustment. Controls to adjust the Alert Tone Level, Paging Access Time, Dial Tone Sensitivity, and Dial Tone Trip Time are also provided.

The entire unit is housed in a sturdy steel chassis which can be mounted to most surfaces by means of #6 screws through the holes provided in the mounting flanges.

Architect's, Engineer's and Consultant's Specifications

The telephone interface device shall be capable of providing station access from a PABX to a paging amplifier. Input connection to the device shall be made by means of a standard modular RJ-11 jack. The device shall be designed to be connected to a dedicated station line in place of a telephone instrument. When the station number to which the device is connected is called, access shall be made to the paging amplifier. An alert tone shall be sounded in both the phone and paging speakers when this connection is made. The device shall automatically disconnect from the phone line either when the dial tone is sensed, or after a pre-adjusted time.

Output provision from the unit shall include both audio outputs, and a SPDT relay circuit. Two audio outputs shall be provided; a fixed level 600 Ω balanced output and an unbalanced high impedance output with an adjustable level control. Connection to the 600 Ω output shall be made on screw terminals, while connection to the high impedance output shall be made by means of a standard phono jack. The relay circuit connections shall be made by means of screw terminals. Controls shall be provided to adjust the Alert Tone Level, Paging Access Time, Dial Tone Sensitivity, and Dial Tone Trip Time

The unit shall be housed in a steel chassis measuring 6.125" x 3" x 1.25" (15.6 cm x 7.6 cm x 3.2 cm). The University Sound model TSA has been specified.

