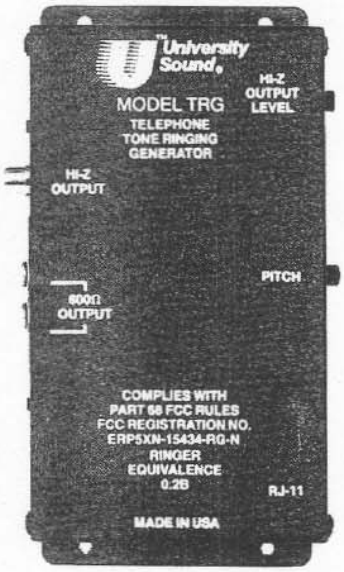
University Sound a MARK IV company

TRG

Telephone Ringing Generator



Product Data

- Produces bell-like warble tone
- Activated by ringing voltage on telephone line
- Modular RJ-11 jack input
- 600Ω and Hi-Z audio outputs
- Powered from telephone line
- FCC registered

Specifications:

Controls:	Hi-Z Output Level Pitch
Input:	
Connector:	RJ-11
Ringer Equivalence:	0.2B
Ringer Input:	40 to 130V @ 20 to 60 Hz
Output:	
Connectors:	RCA Phono (Hi-Z) Screw Terminals
Impedance:	Hi-Z (22 kΩ min) 600 Ω
Level w/100V ring:	+4 dBm
Ring Tone Frequency:	480/600 Hz - 1000/1250 Hz
Ring Tone Rep Rate:	4.5 Hz - 9 Hz
Dimensions:	
Height:	6.125" (15.6 cm)
Width:	3" (7.6 cm)
Depth:	1.125" (3.2 cm)
Shipping Weight:	1 lb. (0.45 kg)

Description

The University Sound TRG is a telephone interface device which produces a bell-like warble tone in cadence with the ringing voltage present on a phone line. The unit is powered by the phone line and requires no other power source. By connecting the output of the TRG to one of the inputs of a paging system, an incoming call will "ring" throughout the entire system.

Phone line input to the unit is made by means of a standard modular jack. The generator will operate from all ringing frequencies from 20 to 60 Hz, and ringing voltages from 40 to 130 volts.

Two audio outputs are provided: 600Ω balanced at a fixed level of +4 dBm, and a high impedance unbalanced output with an adjustable level control. Connection to the 600Ω output is made by means of screw terminals. Connection to the high impedance output is made by means of a standard RCA type phono jack.

A pitch control is provided to vary the two-tone ringing signal from 480/600 Hz to 1000/1250 Hz. The repetition rate varies in proportion with the tones from 4.5 to 9 Hz.

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 producing a bell-like warble tone in cadance with the ringing voltage present on a phone line. The interface device should be powered by the phone line and require no other power source. Input connection to the device shall be made by means of a standard modular RJ-11 jack. The device shall operate from all ringing frequencies from 20 to 60 Hz, and ringing voltages from 40 to 130 volts.

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 600Ω 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 device shall employ a pitch control to vary the two-tone ringing signal from 480/600 Hz to 1000/1250 Hz. The repetition rate shall vary in proportion with the tones from 4.5 to 9Hz.

The unit shall be housed in a steel chassis measuring 6.125" x 3" x 1.125" (15.6 cm x 7.6 cm x 3.2 cm) . The University Sound model TRG has been specified.

® University Sound a MARK IV company

P.O. Box 24031
Oklahoma City, OK 73124-4031
Phone (405) 324-5311
Fax (405) 324-8981

42-07-050513
rev.1