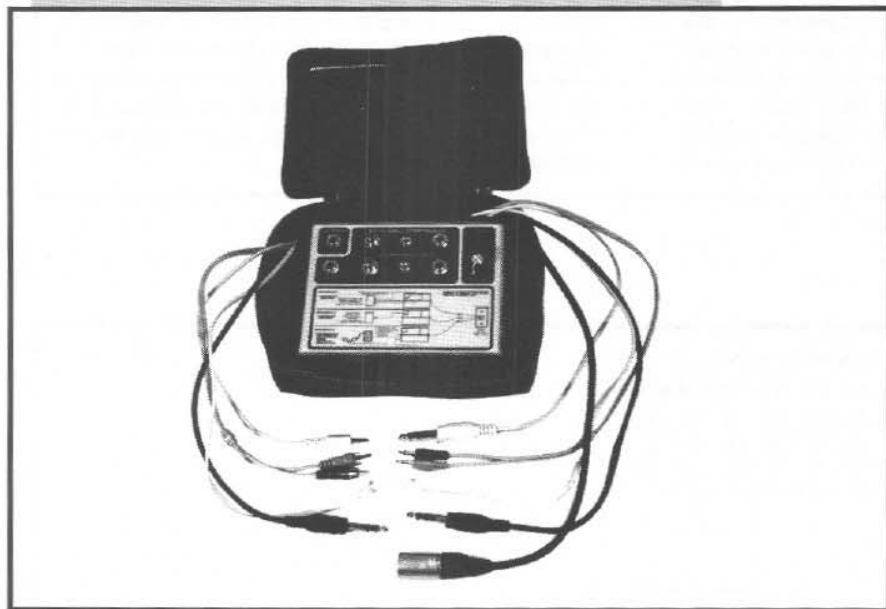




# MICKIT

## Multiple-Input Connector Kit



## Product Data

- **Converts virtually any audio input signal to a balanced Lo-Z microphone output and telephone line output**
- **Includes RCA phono, 1/8" phone, 1/4" phone, and RJ-11 connectors in mono and stereo-to-mono combining configurations**
- **FCC compliant for use with telephone lines**
- **Wide array of connector jacks and plugs**
- **Output volume control**
- **Hum switch connects input shield ground to output ground**
- **Passive electronic design - needs no power source**
- **Self-contained in zippered soft-case**

## Specifications:

### Inputs

- Unbalanced line 5K $\Omega$  impedance  
1/8" and 1/4" phone, RCA  
phono jacks and plugs
- Speaker level 1/4" phone jack
- Telephone line Modular RJ-11 jack  
(complies with FCC regulation No. E8P5IE-71393-VP-N with ringer equivalence of 0.38)

### Outputs

- Transformer balanced Lo-Z (100 $\Omega$ ) adjustable  
microphone level on 3-foot shielded cable with  
male XLR connector.
- Telephone modular RJ-11 jack to connect  
standard two-line telephone

### Frequency Response

- Speaker & line 20 Hz to 18 kHz,  $\pm 2$  dB
- Telephone line 60 Hz to 3.5 kHz,  $\pm 2$  dB

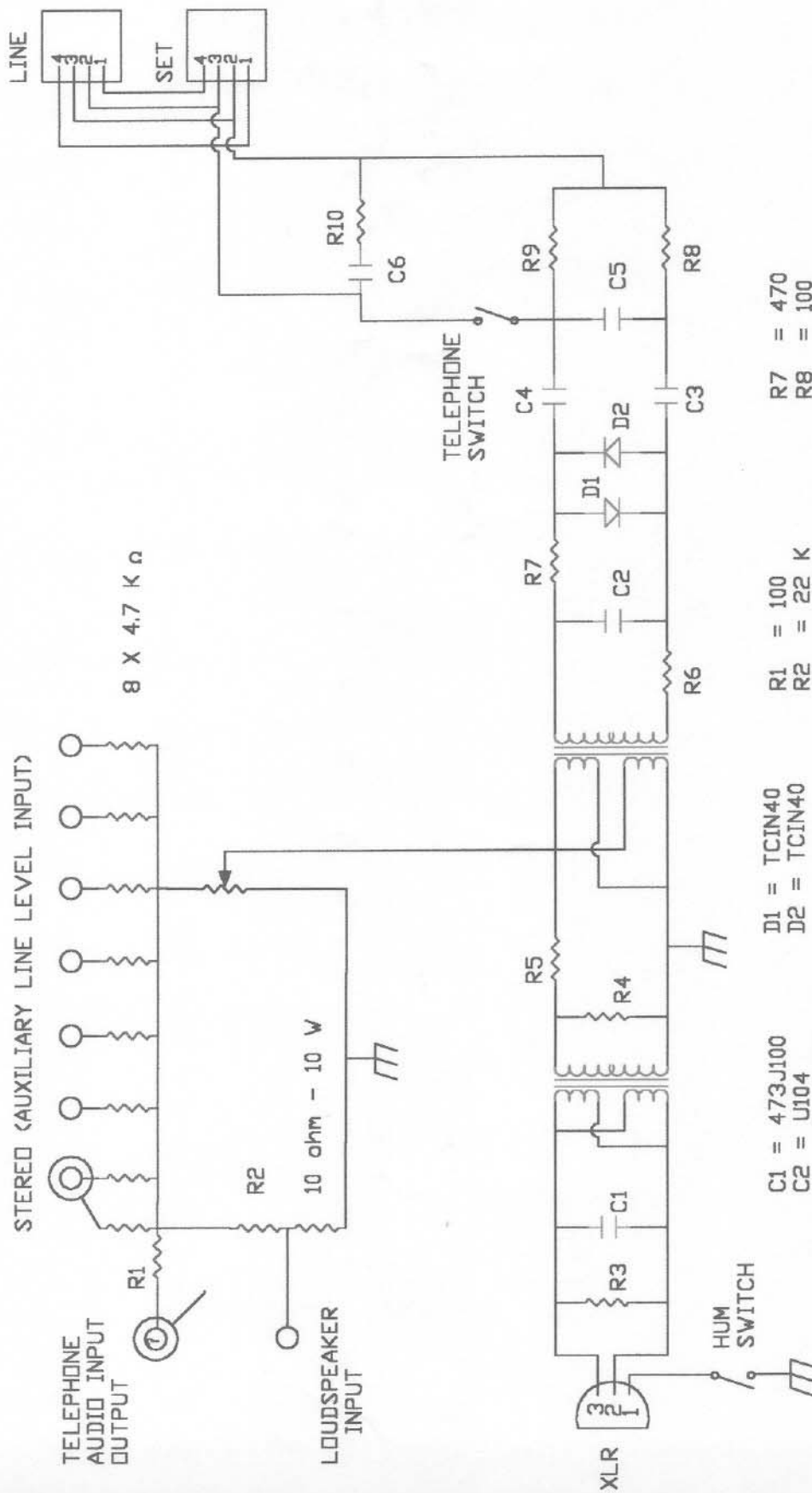
### Dimensions

- Height 3.0" (7.6 cm)
- Length 9.0" (22.9 cm)
- Width 6.5" (16.5 cm)

**Net Weight** 2.0 lbs. (0.9 kg)

**Shipping Weight** 3.0 lbs. (1.35 kg)

# MICKIT DIAGRAM



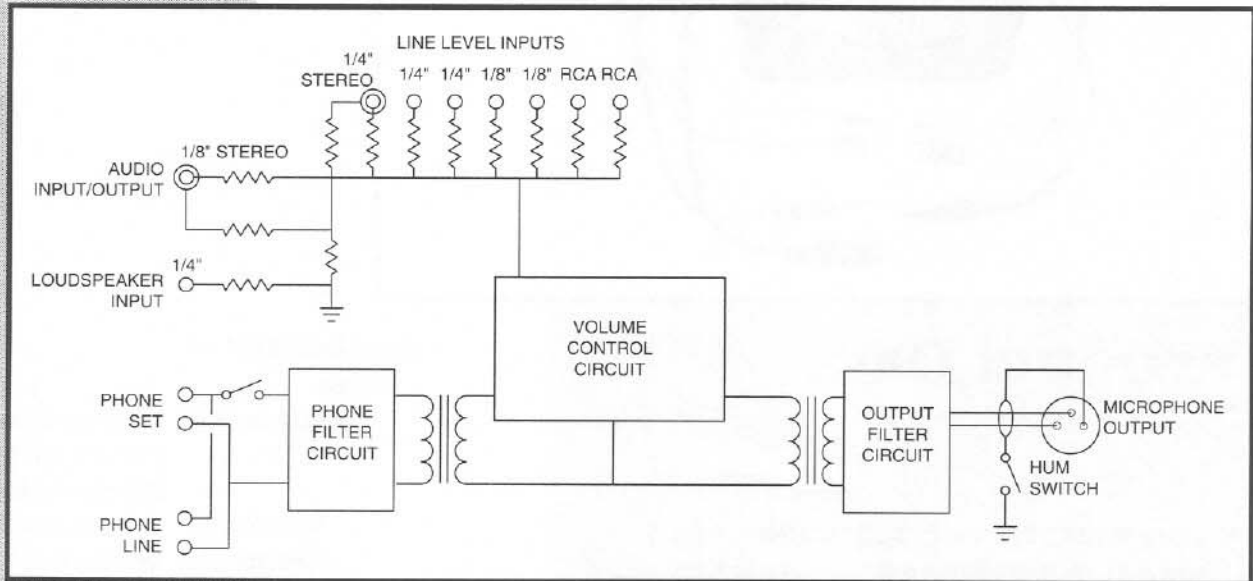
- R1 = 100
- R2 = 22 K
- R3 = 220
- R4 = 220
- R5 = 470
- R6 = 470
- R7 = 470
- R8 = 100
- R9 = 300
- R10 = 2.2 K

## Description

The University Sound MICKIT is a multi-input audio signal adapter that allows the use of one or more pieces of audio/visual equipment with an existing paging/background music sound system or telephone line. The MICKIT provides everything required to connect a telephone, VCR, tape recorder, CD player, and many other types of audio equipment to the microphone input of a sound system. The MICKIT can also be used to connect the input source to a standard phone line. Virtually any input signal level can be accommodated, including a speaker level input of up to 10 Watts. Input jacks and plugs are provided for RCA phono, 1/8" phono, 1/4" phono, and RJ-11 (telephone) connections. A stereo 1/4" phone jack resistively mixed to

mono is also provided. All of the input patch cords are connected to a single clip, which affords the user the ability to add custom connectors or remove cords that are unlikely to be used. The Lo-Z balanced microphone output of the MICKIT is delivered to a male XLR connector. The telephone line output is delivered to an RJ-11 jack. The unit provides the necessary matching and isolation to protect the sound system and/or telephone line, and complies fully with FCC regulations regarding equipment used with telephone lines. No power supply is required for any mode of operation. A grey soft zipper case is attached to the enclosure for protection and ease of transport of the unit and all attached patch cords.

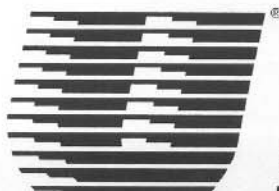
## Block Diagram



## Architect's and Engineer's Specifications

The general purpose adapter box shall accept mono or stereo line and speaker level inputs and allow seized connection to the local telephone system and convert them to transformer balanced mic level output. The unit shall have an adjustable output control, a hum removal switch, and a telephone line seize switch. All system interconnect cables will be attached to the unit

and a padded zipper case shall be provided for protection and transportation of the unit. Basic instructions for operation shall be imprinted on the front panel of the unit. The unit shall measure 3" x 9" x 6.5" (7.6 x 22.9 x 16.5 cm) and weigh 2 lbs. (0.9 kg). The University Sound Model MICKIT has been specified.



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