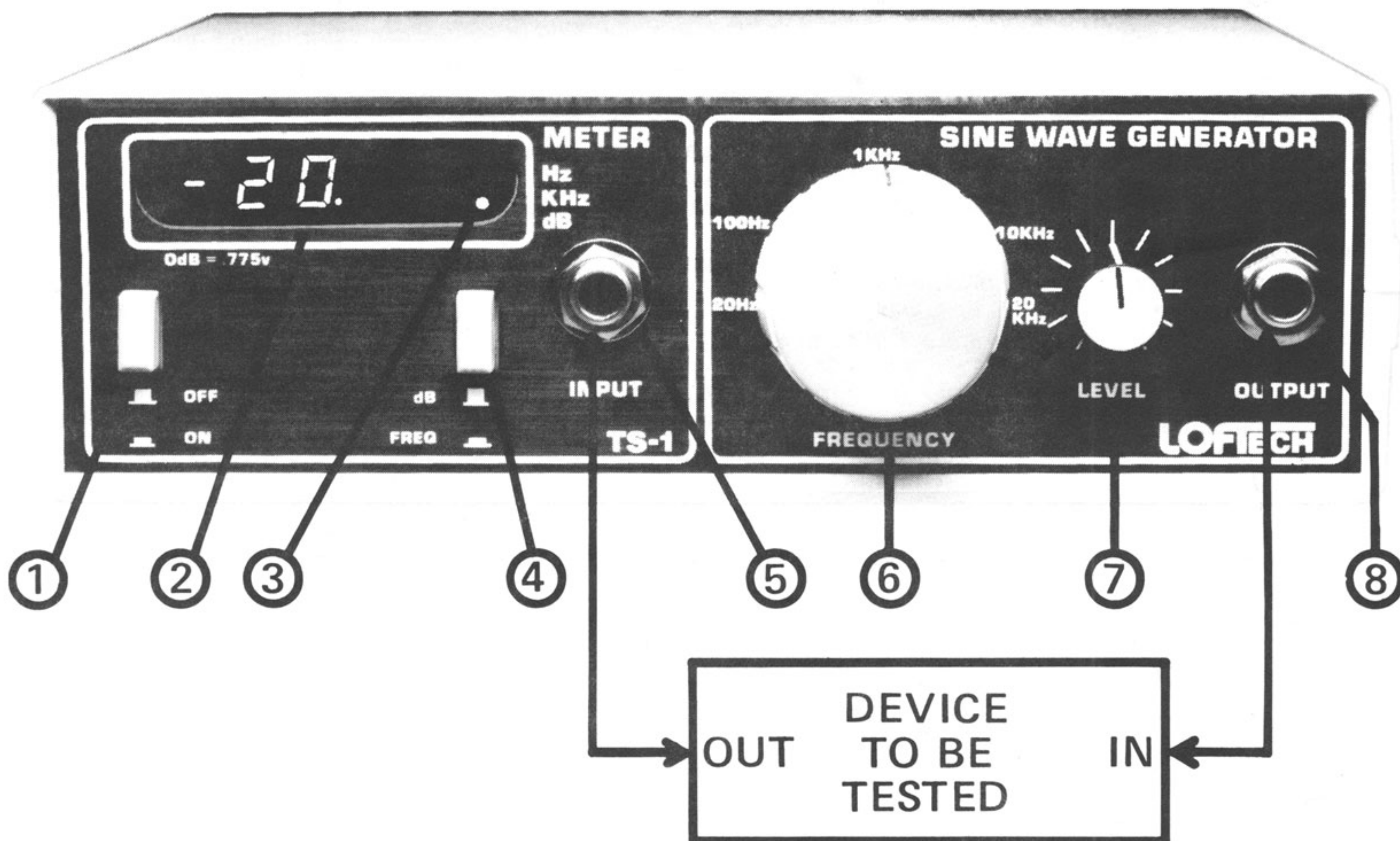


LofTech

AUDIO TEST SET TS-1



1. Power Switch
2. Display indicates Frequency or Decibels .
3. LED will indicate whether display is reading dB, kHz or Hz.
4. Switch places the Meter in either the Frequency Counter or dB mode.
5. Meter Input jack - insert signal to be measured here.
6. Frequency control, varies frequency of the Sine Wave Generator over a 10Hz to 30kHz range.
7. Level control, sets output level of the Sine Wave Generator.
8. Output jack, connect this to the device you want to test.

NOTE: Meter Input is connected to the output of the Sine Wave Generator, inserting a plug into the Input jack breaks this connection.

SPECIFICATIONS

LofTech TS-1

Audio Test Set

Front panel displays and controls

Power switch	To switch on the AC
Meter	4 LED display to indicate: Frequency in Hz for oscillator output and frequency counter input. Decibels in + or – dB for the dB meter.
dB/Hz switch	To select either decibel meter or frequency meter mode.
Meter input jack	To meter input
Oscillator frequency control	To select oscillator frequency in one sweep from 10Hz to 30kHz.
Oscillator output level control	To adjust oscillator output level
Oscillator output jack	signal from oscillator output

Audio Oscillator

Frequency display	4 LED readout of the frequency counter
Frequency range	10Hz to 30kHz
Accuracy	± 0.5dB 20Hz to 20kHz
Distortion	0.5% THD
Adjustable output level	– 70 to + 18dBv ref: 0.775v
Maximum output level	+ 18dBv 2k ohm or greater + 10dBm 600 ohms
Output impedance	50 ohms (un-balanced)

Decibel (dB) meter

Indicates the following in one range	
Meter display	LED readout; Reads in whole decibels; Automatically indicates (–)dB
Meter range	– 50 to + 24dB (ref: 0.775v)
Accuracy	± 1dB 20Hz to 20kHz
Adjustable “0” reference	– 10 to + 8dBv (rear panel adjustment)
Input impedance	greater than 100k ohms (un-balanced)

Frequency Counter

Reads output of oscillator or meter input	
Frequency response	1Hz to 99.99kHz
Frequency display	4 LED readout; (1Hz to 9999Hz) 1Hz resolution; (10kHz to 99.99kHz) 10 Hz resolution
Accuracy	Within 1 count
Input level	– 50 to + 24dB ref: 0.775v
Input impedance	greater than 100k ohms un-balanced

Connectors

Oscillator output	1/4" phone jack (trs)
Meter input	1/4" phone jack (trs)

Power requirements

115 – 120VAC 60 Hz (50Hz internally strappable)
220-240VAC (available on request)

Size

8" wide x 2½" high x 6¼" depth

Weight

2 lbs; 4.4 kgm

Limited Warranty

2 years (parts and labor)

LofTech

Manufactured and marketed by: Phoenix Audio Laboratory, Inc.
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