

2. MOD switch to ON position.
3. Connect Output cable to circuit under test.
4. Adjust amplitude of output level with Output Attenuator.

Set up for Audio Amplifier

1. Set Function Selector to Audio Amp.
2. Set MOD switch to OFF.
3. Adjust Output Attenuator to maximum.
4. Connect suitable ground wire between chassis and tester.
5. Connect input probe tip to circuit under test.
6. Adjust Input Gain control for desired volume level from the speaker.

OPERATION OF TRANSISTOR TEST CIRCUIT

To check transistors proceed as follows:

1. Determine whether transistor is PNP or NPN and plug into appropriate test socket.
2. Switch Gain-Leak switch to Leak.
3. Connect a Milliammeter to MA Meter pin jacks observing polarity-- red is positive, black is minus. A 0-2 MA meter should be adequate. If this type of meter is not available any standard V. O. M. meter can be used.
4. With the meter connected, the leakage current is read and noted.
5. The Gain-Leak switch is then switched to GAIN. The leakage current noted should at least double in value for a good transistor.

INTERPRETATION OF CURRENT READINGS

The leakage currents for some transistors may run as high as 120 to 150 microamperes but should generally be much smaller. If the leakage currents are excessively high or if the readings are erratic the transistor is defective.