

FUNCTION OF CONTROLS

1. Function Selector.

This selector has six positions and with it the following various functions are selected.

a. 500-1600 KC OSC.

In this position the tester is used as an RF generator covering the range indicated. The frequency desired is adjusted with the tuning dial. The output is taken from the output cable and the level is varied by the output attenuator. To modulate the RF output, the Mod. switch is turned to the ON position.

b. 200-600 KC OSC.

In this position the tester is used as an RF generator covering the frequency range indicated. The frequency desired is adjusted with the tuning dial. The output is taken from the output cable and the level is varied by the output attenuator. To modulate the RF output, the MOD switch is turned to the ON position.

c. 500-1600 KC REC.

With the function selector in this position the tester becomes a TRF Receiver with the frequency range indicated. In this position the tester is used as an RF signal tracer or as a radio. To use it as such, the input probe is connected to the circuit under test or to a short piece of wire 3 ft. long used as an antenna. The output Attenuator to maximum and the Input Gain control varied to adjust to the desired volume level. The MOD switch must be set to the OFF position, otherwise the speaker will be shorted out of the circuit.

d. 200-600 KC REC.

In this position the tester becomes a TRF Receiver with the frequency range indicated. Its use in this position is for signal tracing the IF section of the receiver under test or as a radio. Operation of this range is the same as the above 500-1600 KC range.

e. 600 CPS AUDIO.

This position converts the tester to an audio oscillator. The frequency is as indicated. The Waveform is sawtooth. To utilize the tester as an audio generator, the output is taken from the output cable. The output Attenuator is used to vary the output level and the MOD switch is set to