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- Description
- Operation
 - Battery Test
 - Sending Tone to Identify Wires
 - Testing Switches Using the Tone Function
 - Testing Switches Using the Continuity/Discontinuity Function
 - Testing Telephone Circuits
- Maintenance

General

The Model 620 is a hand held combination tone generator and continuity/discontinuity tester designed for use by security and alarm installation and service technicians.

The Model 620 is constructed of high impact ABS plastic, measures 4 x 2 $\frac{3}{8}$ x 1" and weighs 6 oz. with standard 9 volt battery (not included). The unit is equipped with red and black test leads with alligator clips and protective boots in addition to the snag proof RJ-11 modular plug for testing and toning telephone circuits. A six position slide switch and recessed "RESET" button control operations. A high output speaker indicates results in the continuity/discontinuity test functions.

The Model 620 is equipped with a magnetic backing for easy mounting to the control panel door or cabinet.

The "TONE" position is used to send tone over wire pairs or single conductors and to test alarm switches.

The "N.O." position is used to test Normally Open alarm switches for continuity.

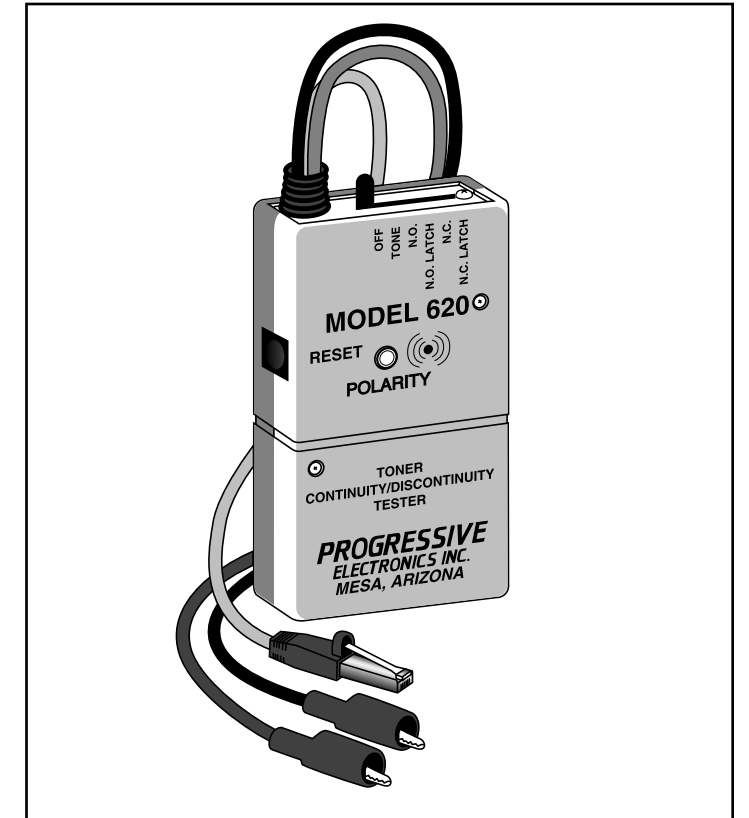
The "N.O. LATCH" position is used to test Normally Open alarm switches for continuity with the Captive feature.

The "N.C." position is used to test Normally Closed alarm switches for discontinuity.

The "N.C. LATCH" position is used to test Normally Closed alarm switches for discontinuity with the Captive feature.

The "RESET" button is used in conjunction with the "N.O. LATCH" and "N.C. LATCH" testing features.

Model 620 Alarm Circuit Tester Instructions



Operation

Battery Test

Short the RED and BLACK test leads together and move the slide switch to the "N.O." position. A loud audible signal indicates sufficient battery power. A weak or erratic signal indicates the need to replace battery (see "Maintenance").

Sending Tone For Identifying Wires

The "TONE" function is used to apply a tone signal to a wire pair or single conductor to identify the subject conductor(s) at remote locations or within cable bundles.

NOTE: All tone operations require the use of an inductive amplifier (probe) to locate the subject wire pair or conductor. The Model 620 is designed to work with ANY inductive amplifier including Progressive Electronics' Models 200EP and 200FP.

Disconnect the loop pair from control panel and connect the test leads to the loop pair. (For single conductors or to improve transmission of tone, connect the RED lead to the subject wire and the BLACK lead to earth or an independent equipment ground.) Tone can also be applied to a standard telephone jack using the RJ-11 modular test lead.

