TENMA®

TEST EQUIPMENT

OPERATING INSTRUCTIONS

72-6065 TONE GENERATOR

The 72-6065 tone generator and continuity tester is designed for wiring installers. The 72-6065 is used in conjunction with the 72-6066 inductive amplifier or any other common inductive amplifier. The 72-6065 emits an oscillating or solid 1000 Hz tone that is used to identify wires in bundles or termination blocks, or to trace the path of wires in shallow applications. The 72-6065 requires one 9 volt battery.

SENDING TRACING TONE

Step 1 - Connect the 72-6065 to the wire or wires in question. The installer can either use the alligator clips or the RJ-11 plug. If one wire only is to be located, do not connect both alligators to the same wire. Shorting the clips or creating a complete low resistance circuit will negate any tone.

Step 2 - Place the switch located on top of the 72-6065 in the forward position. The 72-6065 will now be emitting a 1 Khz signal. To test, place the 72-6066 inductive amplifier near the 72-6065 and activate. A signal should be heard. If not, recheck switch position and batteries.

Step 3 - To modify signal strength, experiment with using ground connection for 1 clip or clipping to 2 wires in the same cable. You may also introduce resistance in series to reduce the power level.

CONTINUITY

Step 1 - Connect the 72-6065 to the circuit to be tested using either the clips or the RJ-11 plug.

Step 2 - Place the switch in the back position. If a continuous circuit exists, the LED located at the top of the unit will illuminate GREEN. To test for proper function, touch the clips together while in the back position. The light should illuminate green indicating correct function.

POLARITY

Step 1 - Same as continuity test except that the switch is kept in the center position. The following conditions are possible.

Green - OK **Red-Reverse** **No Light-No Voltage**

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405 Pioneer Blvd.
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