CABLETRACKER
NETWORK ID KIT
USER'S GUIDE

Part No. 1005-1015-0000 Rev A

CONTENTS

- Model 10 Signal Generator
- User Guide
- Model 15 Probe
- RJ-45 Patch Cable
- Red/Black Alligator Test Leads
- Carrying Case (CTK1015 Kit Only)

BATTERY

The CableTracker Model 10 Signal Generator and Model 15 Probe require one 9 volt alkaline battery each. Remove the battery cover at the back of the unit, connect the battery to the battery snap cable, insert the battery in the battery well and replace the battery cover.

OVERVIEW

The CableTracker Network ID Kit uses two different techniques to identify network cables and terminations. The Model 10 Signal Generator transmits a trace tone on the cable that is detected with the Model 15 Probe. When the Probe is near the correct cable pair or punchdown it indicates detection by emitting an audible signal at the frequency and with the same pattern that is selected on the Signal Generator. The Model 10 Signal Generator will identify the port connection on a switch or hub by transmitting Link pulses to the device. The Link light for the connected port blinks at a rate similar to the transmitted Link pulse.

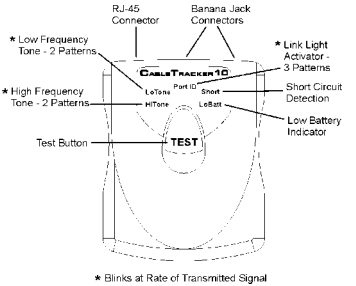
CONNECTION

Connect the Model 10 Signal Generator to an unterminated cable pair using the red and black test leads or to a wall outlet using the RJ-45 patch cable. The Model 10 transmits tone signals through the the test leads or the RJ-45 jack. Link pulses for Port Identification are only transmitted through the RJ-45 jack. An RJ-11 patch cable can be connected to the RJ-45 jack and the tone is transmitted on pair 4,5.

OPERATION

The Model 10 Signal Generator features one button operation. Each press of the TEST button advances the operating mode of the unit. The modes are selected in the following order:

1. Low Frequency Tone Pattern 1
2. Low Frequency Tone Pattern 2
3. High Frequency Tone Pattern 1
4. High Frequency Tone Pattern 2
5. Link Light Pattern 1
6. Link Light Pattern 2
7. Link Light Pattern 3
8. Short Circuit Detection Test
9. Off



CABLE TRACING

Connect the Model 10 Signal Generator to a cable or outlet, select either “LoTone” or “HiTone” and turn on the Model 15 Probe by pressing and holding the button. Place the probe tip near the cable or termination to be identified and the Probe emits an audible signal. The audible signal is loudest when the Probe is near the correct cable or termination point. The volume can be adjusted by rotating the thumbwheel located above the button. A red light from the light pipe indicates that the unit is on and the battery has adequate voltage.