

PORT IDENTIFICATION

Connect the Net Tone Signal Generator to a wall outlet, select "Port ID" and then go to the hub or switch connected to the wall outlet. The Link light for the port connected to the wall outlet will blink at a rate similar to the pattern selected on the Signal Generator. Three patterns are provided as the blink response varies for different equipment.

Note: Prior to testing a wall outlet, connect the Net Tone Signal Generator directly to the hub or switch port to determine which pattern provides the best response.

SHORT CIRCUIT TEST

Connect the Net Tone Signal Generator to a cable with the test leads and select "Short". If a short is detected, the LED will stay on continuously otherwise the LED will blink. The short circuit test is also available on pins 4,5 of the RJ-45 jack.

BATTERY LIFE

Auto Power Down - The Net Tone Signal Generator will automatically turn off after approximately 20 minutes of operation.

Low Battery - When the battery is below the level required for the Net Tone Signal Generator to operate properly, the "LoBatt" indicator illuminates.



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NET TONE Network Tone and Probe



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BATTERY

The Net Tone Signal Generator and Net 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 Net Tone Network Tone and Probe Kit uses two different techniques to identify network cables and terminations. The Net Tone Signal Generator transmits a trace tone on the cable that is detected with the Net Probe. When the Net 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 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.

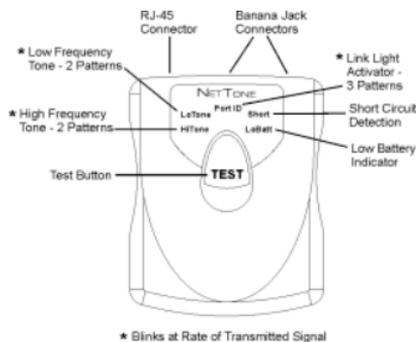
CONNECTION

Connect the Net Tone 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 Signal Generator transmits tone signals through the test leads or 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. Link pulses for Port Identification on a hub or switch are only transmitted through the RJ-45 jack.

OPERATION

The Net Tone 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. Port ID - Link Light Pattern 1
6. Port ID - Link Light Pattern 2
7. Port ID - Link Light Pattern 3
8. Short Circuit (Continuity) Detection Test
9. Off



CABLE TRACING

Connect the Net Tone Signal Generator to a cable or outlet, select either "LoTone" or "HiTone" and turn on the Net Probe by pressing and holding the button. Place the probe tip near the cable or termination to be identified and the Net Probe emits an audible signal. The audible signal is loudest when the Net 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 indicates that the unit is on and the battery has adequate voltage.