



TREND NETWORKS



# Tone & Probe

Locate cables fast

Depend On Us



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## Locate cables fast

### Applications

- Cable tracing for Data, Telephone and COAX.
- To identify a specific pair of wires in a multi-pair cable.
- Troubleshooting cabling faults to identify breaks and poor cables.
- Telephone Line Testing

Depend on our new Tone & Probe to easily trace all types of copper cables. Our industry leading power output provides cable tracing you can depend on, even over long distances. Find cabling fast using the visual signal indicator and powerful speaker combination.

The tone generator is equipped with comprehensive line testing features for troubleshooting and service verification. The tone and probe set creates the perfect team to accurately identify data cable pairing using its multiple tone pattern feature.

### Tone Generator

- **Trace longer cables** using the industry leading power output.
- **Solve issues faster** with power supply for external talk sets.
- **Verify cabling** with polarity and continuity.
- **Easy to use** and requires no training.

### Probe

- **Locate weak signals** using the highly sensitivity probe.
- **Easier cable tracing** with both audible and visual indicators.
- **Find cables in noisy environments** using the earphone jack.
- **Operates in dark areas** using the LED torch.



Replaceable Tip

Visual Signal strength LED

Headphone Jack

Analogue audio tone detection

Low battery indication

Battery compartment

LED Head Light

Volume/Sensitivity Control

Button to turn on LED light

High output speaker

Carry strap tether

RJ45 Port

Carry strap tether

Continuity Test  
Test Mode Selection

Tone Pattern Selection

Low battery indication

Line Status

Battery Talk supply

Tone Pattern Indicator

Battery compartment



# Tone & Probe

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Tone & Probe is compatible with the following TREND Networks series of products: LanTEK IV, III & II, LanXPLOER Pro, SignalTEK, NavITEK, PoE PRO & VDV II

Ordering information

| Part No | Kit Contents  |
|---------|---|
| R180000 | <b>Tone &amp; Probe Kit</b><br>1 x Amplifier Probe, 1x Tone Generator, 1 x RJ45 to RJ11 cable, 1 x Crocodile to RJ45 Patch Cord, 1 x carry case, 2 x carry strap, 1 x Probe user guide, 1 x Tone Generator user guide |
| R180001 | <b>Probe</b><br>1 x Amplifier Probe, 1 x carry strap, 1 x user guide  |
| R180002 | <b>Tone Generator</b><br>1x Tone Generator, 1 x RJ45 to RJ11 patch cord, 1 x Crocodile to RJ45 Patch Cord, 1 x carry strap, 1 x user guide  |
| R180050 | 1 x Probe Tip   |
| R180051 | 1 x RJ45 to RJ11 cable, 1 x RJ45 to Crocodile clips cable   |
| R180052 | 1 x RJ45 to insulation piercing alligator clips   |



| Probe Specifications  |  |
|-----------------------|--|
| Battery               | 9V alkaline                              |
| Operation time        | 50 hours typical                         |
| Operating temperature | -20 °C to +60 °C                         |
| Storage temperature   | -40 °C to +70 °C                         |
| Humidity              | 5 % to 95 % non-condensing               |
| Weight                | 123g                                     |
| Dimensions            | 128(L) x 43(W) x 30(H)                   |
| Safety                | IEC 61010-1, Category none, 30 V rms max |

| Tone Generator Specifications     |  |
|-----------------------------------|--|
| Port                              | RJ45 socket (pin 4&5 Line 1, Pin 3&6 Line 2)                                   |
| Functions                         | Tone, Continuity, battery supply, line status (polarity, DC & Ringing Voltage) |
| Tone frequency                    | Alternating f1= 982.5 Hz, f2 =1312.5 Hz  |
| Output Power                      | ≥ +10dBm @ 600 Ω   |
| Output Voltage on continuity mode | 6-8 V DC   |
| Talk battery power supply         | 6.0 V DC   |
| Battery                           | 9 V alkaline   |
| Auto power off                    | 3 hours  |
| Operation time                    | 70 hours typical   |
| Operating Temperature             | -20 °C to +60 °C   |
| Storage Temperature               | -40 °C to +70 °C   |



**TREND NETWORKS**

TREND NETWORKS  
300 Roundhill Drive, Suite 1,  
Rockaway, NJ 07866, USA  
Tel. 973-957-7700 | Fax. 973-957-7784  
contactus@trend-networks.com  
[www.trend-networks.com](http://www.trend-networks.com)



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