

# Turbo-Tone™

## High-Power Tone Generator



### Key Features

- 700% more power than standard tone generators
- Unbalanced tone mode supports longer distances on UTP cables
- Constant amplitude output ensures no signal decrease as battery discharges
- Auto-off for battery conservation
- Full talk battery to power a dry line
- Tone may be added in any mode—phone sets without a monitor feature can pick up tone
- Modular jack allows use of modular cable or molded-in alligator clip leads or molded-in angled bed-of-nails leads

2007

FROST &amp; SULLIVAN

 Global Communications  
 Test & Measurement  
 Company of the Year Award

The high-power Turbo-Tone™ tone generator enables signal detection 20 miles away and makes hearing tone through walls and enclosures easier with multiple tones and power levels suited for network, signal wire, coax, and telephone cable applications. Four tone amplitude levels include normal and half plus, turbo normal and half, with the half amplitude unbalanced for stronger signal effect on twisted pairs. In addition, depending on test requirements, three distinctly different tones can be selected from the front panel.

### Applications

- Sends tone for tracing
- Checks status of a phone circuit
- Supplies talk battery power
- Checks continuity of a circuit



**Specifications**
**Electrical**
**Battery Life**

Time is for the full capacity of the battery used continuously (one 9 V alkaline, 540 mA-hr, not included): 120 hrs, typical

**Tone Frequencies (±1%)**

- Dual 1,165 and 874 Hz
- Single 999 Hz

**Tone Power**

Typical (into 600 Ω, new battery to 5.0 V)

- LO 1.7 dBm
- HI 7.6 dBm
- Turbo LO 10.8 dBm
- Turbo HI 16.6 dBm

**Voltage Protection**
**Status**

- DC 60 V, continuous
- AC 300 V peak, 2 s

**Continuity (into 600 Ω)**

- DC 52 V

Tone 250 DC or peak AC volts

**Physical**

- Height 11.4 cm (4.5 in)
- Width 4.4 cm (1.75 in)
- Depth 3.3 cm (1.3 in)
- Weight (with battery) 42 gm (5.0 oz)

**Ordering Information**
**Turbo-Tone High-Power Tone Generator with alligator clips set**
**TG200**

- Includes 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks (TP20), lanyard, and pouch (PC150). Requires 9-volt battery (not included).

**Turbo-Tone High-Power Tone Generator with angled bed-of-nails cord set**
**TG201**

- Includes 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks (TP20), lanyard, and pouch (PC150). Requires 9-volt battery (not included).

**Turbo-Tone High-Power Tone Generator Kit with angled bed-of-nails cord set and Tone Tracer™ Probe**
**KP104**

- Includes Turbo-Tone High-Power Tone Generator with angled bed-of-nails cord set (TG201), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks (TP20), Tone Tracer Probe (TT100), round and paddle-style tips, lanyard, and pouch.

**Turbo-Tone High-Power Tone Generator Kit with alligator clips set and Tone Tracer Probe**
**KP105**

- Includes Turbo-Tone High-Power Tone Generator with alligator clips set (TG200), 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks (TP20), Tone Tracer Probe (TT100), round and paddle-style tips, lanyard, and pouch.

**Accessories**

- 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks TP20
- 60.96 cm (2 ft) RJ11 to alligator clips set TG10
- 60.96 cm (2 ft) RJ11 to angled bed-of-nails cord set TG20
- Tone Tracer Probe TT100
- Pouch PC150

**Warranty**

JDSU guarantees that its products will be free of all defects in material and workmanship. This warranty extends for the period of 12 months for test instruments and 3 months for cables from date of manufacture or purchase (proof of purchase required).

All products deemed defective under this warranty will be repaired or replaced at the discretion of JDSU. No further warranties either implied or expressed will apply, nor will JDSU assume responsibility for operation of this device.

**Test & Measurement Regional Sales**

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