



Tones and Probes

Classic 77 Series Tone Generators



77HP

Application:
Permits technicians to identify the conductor within a bundle, at a cross-connect point or at the remote end. Can be used on twisted pair wiring (telecom, datacom, etc.), single conductors, coaxial cables, de-energized AC wiring and most other wiring.

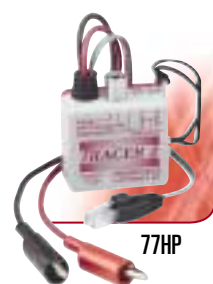
Description	Cat (UPC) No.
77HP Tone Generator	77HP (08687)
77HP/6A Tone Generator	77HP/6A (08688)
77HP/6AC Tone Generator	77HP/6AC (60480)



77CS (08686)
Leather Belt Holster for Classic 77 Series Tone Generators

Classic 77 Series Tone Generators

FEATURES / SPECIFICATIONS	77HP	77HP / 6A	77HP / 6AC
Selectable Warble Tone	●	●	●
Continuity Testing	●	●	●
Polarity Testing	●	●	●
Talk Battery Supply	●	●	●
Two-line Modular Test Lead (RJ-11)	●	●	●
Three-color LED (identifies AC ring voltage)	●	●	●
Weather-resistant Design	●	●	●
Bent Nose Clips with Bed-of-Nails Penetrator		●	●
Cloth Test Leads			●
Battery Operated (9V not included)	●	●	●



77HP



77HP/6A



77HP/6AC

Professional GX Series Tone Generators



77GX

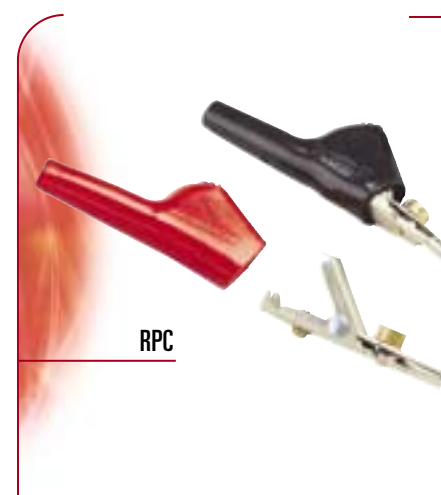
New

- Features:**
- Microprocessor controlled circuitry for increased reliability
 - Two-line polarity indication for fast outlet identification
 - Automatic shutoff to prevent battery drain
 - Snag-proof boot prevents broken plug tabs
 - Convenient wrist/hanging lanyard

- Specifications:**
- Three distinct, selectable tone signal outputs for multiple line identification
 - Two selectable tone power outputs for use on open and shorted pairs
 - Independent continuity test function
 - Independent talk battery supply with higher output voltage
 - Fixed alligator clips and removable modular plug for multiple connection options
 - 77GX2 includes premium telco-style bent nose clips with piercing pin and bed-of-nails connectors

Description	Cat (UPC) No.
77GX Tone Generator	77GX (60556)
77GX2 Tone Generator	77GX2 (60560)

Replacement Piercing Clips



RPC

Application:
These traditional telco-style clips can be used with almost any style cordsets.

- Specifications:**
- Clips feature bent nose design for use on 66 style punchdown blocks and bed-of-nails penetrator for use on insulated wires
 - Package of two clips with red and black boots

Description	Cat (UPC) No.
Replacement Piercing Clips	RPC (08710)

AdapToner Modular Breakout Tone Generator



AT8

Application:

The AT Tone Generator makes it simple to test continuity, polarity, send tone and even supply talk battery to any configuration of pairs in 8-position modular jacks and plugs.

Features:

- Combines the features of our tone generators and a modular breakout adapter
- In-line testing is made simple with both a modular plug and jack on each unit

Specifications:

- 8-position "snag-proof" modular plug
- 8-position jack with protective cover
- Quick reference guide with common wiring configurations
- Selectable solid/warble tone signal
- Tone, continuity and talk battery supply using alligator clips
- Weather-resistant design
- Battery operated (9V not included)

Description	Cat (UPC) No.
AdapToner Modular Breakout Tone Generator	AT8 (08693)

LAN Toner With HUB Blink



AT8L

Application:

The LAN Toner is designed for the network installation and maintenance professional and can be used on any wiring system including datacom, telecom, security/alarm, audio and CATV.

Features:

- Blinks HUB, Switch Port, and PC activity lights for fast identification
- Provides tone signaling, continuity testing and telephone line polarity indication combined with a modular breakout adapter
- Selectable tone outputs for identifying multiple cable runs
- Includes multiple connection options

Description	Cat (UPC) No.
LAN Toner	AT8L (60583)



600LS

Tone Test Set

Features:

- Our most comprehensive tone test set
- Traditional alternating tone signal for wire identification
- Audible line condition testing (level) indicates dead, working and off-hook lines

Specifications:

- Line 1 and 2 polarity testing using 4-conductor modular plug
- Improved talk battery supply for communication over inactive pairs
- Tone and test functions using either modular plug or 24" alligator clip leads
- Audible resistance level measurement
- Audible capacitance level measurement
- Battery operated (9V not included)

Description	Cat (UPC) No.
Tone Test Set	600LS (08680)



600CS (08679)
Leather Belt Holster for 600LS Test Set

Alarm Loop Verifier/Tone Generator

Application:

Designed specifically for the security and alarm industry, the PE620 can be connected to a Normally Open or Normally Closed loop pair and provides a distinct audible tone when the alarm condition occurs.

Features:

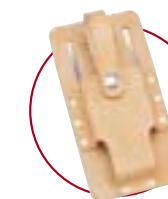
- Latching feature provides a simple method for identifying intermittent failures ("swingers") and confirming operation of switches at remote locations

- In the latching mode, the unit will catch the alarm condition and continue sounding until the tester is reset
- As a tone generator, the unit provides a traditional variable tone that can be applied using the 24" red and black test leads or a convenient 6-position modular plug
- Convenient magnetic back plate allows the PE620 to be mounted directly to the control panel cabinet or door

Specifications:

- Battery operated (9V not included)

Description	Cat (UPC) No.
Alarm Loop Verifier/Tone Generator	PE620 (08665)



100C (08668)
Leather Belt Holster for PE620 Tone Generator



PE620

200 Series Inductive Amplifiers

MODEL NO.	200EP	200GX	200FP
Powerful 2" Speaker	●	●	
Powerful, Rear-fire Speaker			●
One-button Operation	●	●	●
Adjustable Volume Control	●	●	●
LED for Visual Signal Strength Indication	●	●	●
Recessed Tabs for Telephone Test or Headset Connection	●	●	●
Speaker Bypass When Using Telephone Test Sets		●	
Noise Filtration			●
Improved Tip Design for Better Reception and Lower Risk of Shorting Terminals		●	●
Continuous-on Feature			●
Five-minute Auto Shutoff			●
Low-battery Indicator			●
Battery Operated (9V not included)	●	●	●

New



200EP

200GX

200FP

Inductive Amplifiers

Application:
Used in conjunction with any tone generator, Inductive Amplifiers permit wire and cable identification without having to make direct metallic contact with the conductor.

Features:

- All models feature powerful speaker for noisy environments, recessed on/off button control and high gain for accurate wire identification in congested cable bundles and equipment rooms

- The 200EP also includes adjustable volume control for precise identification, an LED for visual signal strength indication and recessed telephone test set connectors
- The 200GX includes all the features of the 200EP in a new rugged, ergonomically-designed housing

Description	Cat (UPC) No.
Inductive Amplifier	200EP (08671)
Inductive Amplifier	200GX (60557)

200GX

200C (08670)

Leather Belt Holster for 200 Series Inductive Amplifiers



200FP
U.S. Pat. No. 5,457,441; 5,574,769 and 5,577,099

Filter Probe

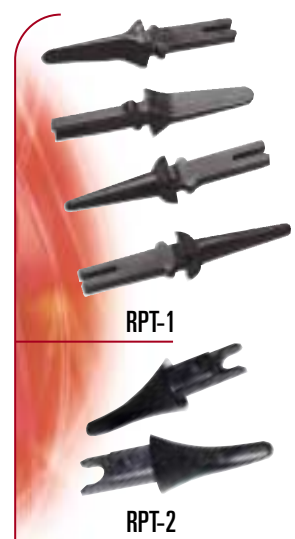
Application:
By selectively filtering out all 60Hz and 60Hz harmonics, the 200FP can be used with any tone generator for faster, more accurate, cable and wire identification.

Features:

- With three types of noise filtration, the Filter Probe virtually eliminates power-related noise from the tone-and-probe operation
- Slim, comfortable design for use in limited-space areas

- Recessed on/off push-button control to conserve battery life
- Adjustable sensitivity/volume control to increase accuracy
- Blended carbon/plastic tip to reduce the risk of shorting terminals

Description	Cat (UPC) No.
Filter Probe	200FP (08672)



RPT-1

RPT-2

Replacement Plastic Tips for 200 Series Probes

Application:
Plastic tips perform much the same as traditional metal tips while reducing the risk of shorting terminals.

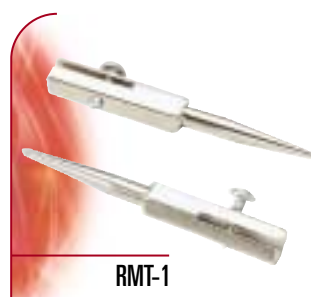
- Specifications:**
- Specially formulated with a carbon powder and carbon fiber blended plastic
 - Tips fit 200B, 200EP, 200GX and 200FP probes
 - RPT-1 comes with two pencil-style tips and two spade-style tips

Description	Cat (UPC) No.
Replacement Plastic Tips for 200B, 200EP, 200FP	RPT-1 (08711)
Replacement Plastic Tips for 200GX	RPT-2 (60561)

Replacement Metal Tips for 200B and 200EP Probes

Application:
Metal tips provide maximum performance when probing insulated wires or making direct metallic contact.

- Specifications:**
- Made of nickel-plated brass
 - Tips fit 200B and 200EP probes
 - Package contains two pencil-style tips



RMT-1

Description	Cat (UPC) No.
Replacement Metal Tips for 200B and 200EP Probes	RMT-1 (08709)

Classic Tone and Probe Kit



Application:

Used to identify single conductors or cables within a bundle, at a cross-connect point or at remote ends.

Specifications:

- Kit includes the 77HP High Power Tone Generator and the 200EP Inductive Amplifier in a rugged, woven polyester carrying case

701K

Description	Cat (UPC) No.
Classic Tone and Probe Kit	701K (08684)

Professional Tone and Probe Kit



Application:

Designed for the telecom professional, this kit is for use on single conductors, twisted pairs, coax cables and de-energized electrical wiring.

Features:

- Housings are drop-tested to ensure durability

Specifications:

- Kit includes the 77GX Tone Generator and 200GX Inductive Amplifier in a rugged carrying case

711K

Description	Cat (UPC) No.
Professional Tone and Probe Kit	711K (60558)

Premium Tone and Probe Kit



Application:

Designed for more accurate wire identification, the 801K virtually eliminates power-related noise from the tone and probe operation.

Specifications:

- Kit includes the 77HP/6A High Power Tone Generator and 200 FP Filter Probe in a convenient Cordura® case

801K

Description	Cat (UPC) No.
Premium Tone and Probe Kit	801K (08690)

AdapToner Kit



Application:

Designed for fast, accurate wire identification by combining the features of our tone generators and modular breakout adapter.

Specifications:

- Kit includes the AT8 Modular Breakout Tone Generator and 200EP Inductive Amplifier in a convenient carrying case

AT8K

Description	Cat (UPC) No.
AdapToner Kit	AT8K (08694)

LAN Toner Kit



AT8LK

Application:

Designed for the network installation and maintenance professional, the LAN Toner sends tone and blinks HUB, Switch Port, and PC activity lights for fast identification. This kit can be used on any wiring system including datacom, telecom, security/alarm, audio and CATV.

Specifications:

- Kit includes the AT8L LAN Toner and the 200GX Inductive Amplifier in a rugged, woven polyester carrying case

Description	Cat (UPC) No.
LAN Toner Kit	AT8LK (60584)

CATV Cable Tone Test Kit



402K

Application:

Designed specifically for the CATV industry, this kit allows you to tone through splitters, directional couplers and traps.

Feature:

- Simple to use, the 402K provides accurate results and will eliminate long delays trying to figure out non-tagged or mis-tagged cable drops

Specifications:

- Kit includes one transmitter, one receiver, one male F-to-F connector adapter cable, one male F-to-alligator clip adapter cable and a carrying case
- Transmitter and receiver are equipped with female F-connectors
- Three methods of signal reception: electrostatic pickup for non-terminated cables, electromagnetic pickup for terminated or shorted cables and direct connection when identifying in the presence of passive devices
- In continuity mode, provides both audible tone and LED display
- Identifies the presence of AC or DC voltage on the cable under test
- Four selectable tone outputs for multiple line identification

Description	Cat (UPC) No.
CATV Cable Tone Test Set	402K (08677)

Security and Alarm Kit



620K

Application:

Designed specifically for the security and alarm industry, the 620K provides a simple method for identifying intermittent failures (swingers) and confirming operation of switches at remote locations.

Specifications:

- To better satisfy industry requirements, we've combined the Model PE620 Tone Generator with the popular Model 200EP Inductive Amplifier in a durable woven polyester pouch

Description	Cat (UPC) No.
Security and Alarm Kit	620K (08682)



140

A-Bug™ Tone Probe and Sender

Application:

Used for pair identification, cable pair tracing and fault location in telephone, LAN and other metallic cables.

Features:

- Superior gain and dynamic range to detect tones in the full spectrum of amplitudes
- Unwanted signals are filtered out while still allowing for superior tone detection
- Glass-reinforced nylon probe tip is extremely durable
- Ergonomic design fits easily in the hand and in tight splice bundles
- Multi-purpose tone sender also tests lines for voltage, polarity and continuity

Specifications:

- Automatic-off feature
- Two Sender models are available: the 150 model features alligator clips and the 150P features popper-style clips
- Optional headphone is available for use in noisy locations

Tone Probe Kits include:

- 140 Tone Probe
- 150 or 150P Tone Sender
- Lightweight headphones
- Holster
- Two batteries

Description	Cat (UPC) No.	Description	Cat (UPC) No.
A-Bug Tone Probe	140 (60760)	A-Bug Tone Probe Kit (Sender w/Alligator Clips)	240 (60780)
A-Bug Tone Probe – Filtered	140D (60781)	A-Bug Tone Probe Kit (Sender w/ Popper-style Clips)	240P (60759)
A-Bug Tone Sender w/ Alligator Clips	150 (60779)	Holster for A-Bug Tone Probe	360 (60762)
A-Bug Tone Sender w/ Popper-style Clips	150P (60761)	Holster for A-Bug Tone Sender	362 (60763)
A-Bug Tone Sender – Filtered	150D (60782)	A-Bug Headphones	361 (60778)

Cabling Pouch



750C

Application:

Designed to hold a complete set of wiring tools including: any (one) 77 Series Tone Generator, any (one) 200 Series Inductive Amplifier, a punchdown tool, a cabling knife and scissors.

Features:

- Convenient loop to hold most telephone test sets
- Removable “parts pouch” allows you to keep small components in reach
- Made of a durable woven polyester
- Fits belts up to 5" wide

Description	Cat (UPC) No.
Cabling Pouch	750C (08685)

Tone and Probe Carrying Case



700C

Application:

Allows you to build your own kit using any tone generator and 200 Series probe.

Features:

- Durable woven polyester case
- Fits belts up to 3" wide

Description	Cat (UPC) No.
Tone and Probe Carrying Case	700C (08683)