

Inductive Amplifiers

**PROGRESSIVE®
ELECTRONICS**



200B features:

- High gain for accurate identification even in congested cable bundles and equipment rooms.
- Rugged construction to last for years.
- Powerful, 2" speaker for easy-to-hear tone, even in noisy environments.
- Recessed on/off push button control helps conserve battery life.

200EP also features:

- Adjustable volume control for more precise identification.
- LED provides visual strength indication.

Cat. No.	UPC No.	Description
200B	08669	200B Inductive Amplifier
200EP	08671	200EP Inductive Amplifier

SPECIFICATIONS

Power Requirements: (1) 9V battery
Battery Life: 50 hours nominal
Probe Tip Resistance: metal 0Ω, plastic 300Ω minimum
Gain: 26dB
Input Impedance: 100MΩ (200B 3.5MΩ)
Dimensions: 9" x 2.125" (@ speaker) x 1.125"
Weight: 5.5 oz. with battery

Filter Probe

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US Pat. No. 5,457,441; 5,574,769; and 5,577,099

New Features:

- LED for visual signal strength indication.
- Continuous On feature.
- 5-minute auto shut off.
- Low battery indicator.
- Microprocessor controlled circuitry.

- Provides normal (unfiltered) or filter operation.
- Recessed buttset or headset connection tabs.
- Slim, comfortable design for use in limited space areas.
- Powerful, rear-fire speaker for easy identification, even in noisy environments.
- Recessed on/off push button control helps conserve battery life.
- Adjustable sensitivity/volume control provides increased accuracy.
- Blended carbon/plastic tip reduces the risk of shorting terminals.



Cat. No.	UPC No.	Description
200FP	06872	Filter Probe
200FP/50	60467	Filter Probe (50Hz international model)

SPECIFICATIONS

Power Requirements: (1) 9V battery
Battery Life: 50 hours nominal
Probe Tip Resistance: 300Ω minimum
Gain: 35dB
Input Impedance: 100MΩ
Dimensions: 9.75" x 1.25" x 1.375"
Construction: High impact ABS plastic
Weight: 4.7 oz. with battery

Basic Tone and Probe Kit

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- For use on single conductors, twisted pairs, coax cables, and deenergized electrical wiring.
- Rugged and dependable.

Cat. No.	UPC No.	Description
601K	08681	Basic Tone and Probe Kit

Classic Tone and Probe Kit

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- Includes a toner and probe with more advanced features than our Basic Tone and Probe Kit.
- For use on single conductors, twisted pairs, coax cables, and deenergized electrical wiring.
- Rugged and dependable.

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

Premium Tone and Probe Kit

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- Includes a top-of-the-line toner and probe.
- For use on single conductors, twisted pairs, coax cables, and deenergized electrical wiring.
- Rugged and dependable.

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

600LS Tone Test Set

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

The Model 600LS stands alone as Progressive Electronics' most comprehensive tone test set.

- Traditional alternating tone signal for wire identification.
- Line 1 and 2 polarity testing using 4-conductor modular plug.
- Audible line condition testing (level) indicates dead, working, and off-hook lines.
- Improved talk battery supply for communication over inactive pairs.
- Audible resistance level measurement.
- Audible capacitance level measurement.
- Tone and test functions using either modular plug or 24" alligator clip leads.
- 1-year warranty.
- Battery-operated (9V not included).

SPECIFICATIONS

Power Requirements: (1) 9V battery
Battery Life: 100 hours nominal
Transmitter Frequency: 900/1100Hz alternating nominal
Transmitter Power into 600Ω: 7dBm
Talk Battery into 600Ω: 10VDC
Voltage Protection at 600Ω (in *RES): 52VDC
Construction: High impact ABS plastic
Dimensions: 6.25" x 2.375" x 1" with 24" test leads
Weight: 8 oz. with batteries

* Higher protection in other modes

100B Tone Test Set

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Cat. No.	UPC No.	Description
100B	08667	Tone Test Set

In addition to those features found in traditional tone generators, the Model 100B offers a referenced, audible "beep" rate to measure resistance levels from 0 to 10MΩ. Basic line diagnosis can be achieved using only one tester.

- Alternating audio trace tone.
- Line polarity testing.
- DC and AC voltage confirmation.
- Talk battery supply.
- Resistance testing up to 10MΩ.
- Modular and alligator clip test leads.
- 1-year warranty.
- Battery-operated (9V not included).

SPECIFICATIONS

Power Requirements: one 9V battery
Battery Life: 100 hours nominal
Transmitter Frequency: 900/1100Hz alternating nominal
Transmitter Power into 600Ω: 0dBm
Talk Battery into 600Ω: 5.5VDC
Voltage Protection at 600Ω (in *RES): 52VDC
Construction: high impact ABS plastic
Dimensions: 4.25 x 2.25 x .875" with 24" test leads
Weight: 5 oz. with battery

* Higher protection in OFF/TONE positions

Alarm Loop Verifier/Tone Generator

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Cat. No.	UPC No.	Description
PE620	08665	Loop Verifier

Designed specifically for the security and alarm industry. As a continuity tester, 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.

- 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 twenty-four inch red and black test leads or a convenient 6-position modular plug.
- Convenient magnetic back plate allows the 620 to be mounted directly to the control panel cabinet or door.
- 1-year warranty.
- Battery-operated (9V not included).

SPECIFICATIONS

Power Requirements: (1) 9V battery
Battery Life: >100 hours tone, >15 hours audible signal
Tone Frequency: 900/1100Hz alternating nominal
Tone Output: +3dBm into 600Ω
Continuity: N.O. on <50kΩ off >80kΩ; N.C. on >120kΩ off <80kΩ.
Latch Sensitivity: any occurrence > 100μs
Construction: High-impact ABS plastic
Dimensions: 4.25" x 2.25" x 0.875"
Weight: 5.5 oz. with battery

Security and Alarm Kit

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To better satisfy industry requirements, we've combined the new Model PE620 Loop Verifier with the popular Model 200EP Inductive Amplifier in this convenient kit. Both units fit comfortably in the rugged 700C Carrying Case made of durable woven polyester. 1-year warranty.

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