801K | Premium Tone and Probe Kit

Tempo® A Textron Company
Knowledge. Solutions. Success.

PRODUCT DESCRIPTION

The kit comprises the 77HP/6A High Power Tone Generator and the 200FP Inductive Amplifier in a rugged woven polyester carrying case. The 801K represents the top-of-the range in wire and cable identification.
When first turned on the 200FP is in the normal tone probe mode, detecting and playing most voice frequency signals. With a short press of the control button the probe enters the filtered mode, eliminating the hum and buzz created by light fixtures and power lines.

77HP/6A Tone Generator

When it comes to tone generators, more technicians choose the 77HP/6A over any other brand. The 77 series Tone Generators have become an industry standard component in the tool kit of technicians in all premises and outside plant wiring industries.

200FP Inductive Amplifier

The 200FP Filter probe offers three types of noise filtration, and is capable of virtually eliminating power related noise from the tone-and-probe operation by selectively filtering out all 50Hz harmonics (60Hz version available).
Used in conjunction with any tone generator, the units permit wire and cable identification without having to make direct metallic contact with the conductor. Powerful receiver gain permits accurate identification in even the most congested cable bundles and equipment rooms. The 200FP includes a powerful speaker and a recessed, on/off push button control to prevent accidental operation. The 200FP offers adjustable volume control for precise identification when tone signal "bleed" is affecting the identification process.



FEATURES

- Fast, Accurate Wire Identification
- Sends Tone to Identify Wires
- Two Distinct Tone Signatures
- Polarity Indication
- Continuity Test
- Talk Battery supply
- Adjustable Volume Control
- Visual and Signal Strength Indication
- Large Speaker for Noisy Environments
- Facility for Headset/Buttset connection
- Choice of Metallic or Plastic Probe Tip
- 2-Line Modular Test Lead
- 3-Colour LED identifies AC Ring Voltage
- Rugged Industrial Design

Both the 77HP and the 200EP can be purchased separately and are part of a series of Tone Generators and Probes designed to meet the price and performance requirements of the various trades involved in cable installation and maintenance. In addition to this series (detailed overleaf) Tempo supply a number of application specific designs including, Modular Breakout Tone Generator, LAN Toner with HUB Blink, Tone Test Set, Alarm Loop Verifier Tone Generator, Data Mate, AC and DC coupled 1kHz Tone Generator and associated probe.

The various Tone Generators are matched with the appropriate Probe and are offered as a kit complete with carrying case for a variety of applications.

801K Premium Tone and Probe Kit

SPECIFICATIONS

77HP/6A Tone Generator

Electrical:

Output Voltage (Talk Battery into 600Ω):	4.5VDC
Output Power (into 600Ω):	+7 dBm
Tone Frequency (nominal):	alternating 900/1100Hz ±1% constant 900Hz ± 1%
Voltage Protection (into a 600Ω Circuit):	52VDC

Power Source:

Battery:	1 x 9V
Battery Life (nominal):	50 hours

Environment:

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-50°C to 75°C (-58°F to 167°F)

Physical:

Length:	58mm (2.25 inches)
Width:	51mm (2.0 inches)
Depth:	32.0mm (1.25 inches)
Weight:	0.13kg (0.28lbs)

Warranty: One Year

200FP Inductive Amplifier

Electrical:

Gain:	35dB
Input Impedance:	100MΩ
Probe Tip Resistance (min):	Plastic Tip 300Ω
Frequency Range (approx):	500Hz - 5kHz

Power Source:

Battery:	1 x 9V
Battery Life (nominal):	50 hours

Environment:

Operating Temperature:	0°C to 50°C (32°F to 122°F)
Storage Temperature:	-50°c to 75°C (-58°F to 167°F)
Relative Humidity:	80%

Physical:

Length:	248mm (9.75 inches)
Width:	32mm (1.25 inches)
Depth:	35mm (1.375 inches)
Weight:	0.133kg (0.294lbs)

Warranty: One Year

77 Series Tone Generators *Features and Specification*	*Model Numbers* 77HP	77HP/6A	77HP/6AC
Selectable Warble	✓	✓	✓
Continuity Testing	✓	✓	✓
Polarity Testing	✓	✓	✓
Talk Battery Supply	✓	✓	✓
2-Line Modular Test Lead - RJ11	✓	✓	✓
3-Colour LED Ring Voltage	✓	✓	✓
Weather Resistant	✓	✓	✓
Croc Clips	✓		
Alligator Clips		✓	✓
Cloth Test Lead			✓

200 Series Inductive Amplifiers *Features and Specification*	*Model Numbers* 200EP	200GX	200FP
Powerful 2 inch Speaker	✓	✓	
Powerful Rear Fire Speaker			✓
One Button Operation	✓	✓	✓
Adjustable Volume Control	✓	✓	✓
LED for Visual Signal Strength Indication	✓	✓	✓
Recessed Tabs for Test Telephone or Headset connection	✓	✓	✓
Speaker Bypass when using Recessed Tabs		✓	
Noise Filtration			✓
Continuous ON Feature			✓
Five Minute Auto Shut OFF			✓
Low Battery Indicator			✓

RELATED PRODUCTS



Lan Toner | ***Filter Probe*** | **Security & Alarm** | ***600J*** | **Data Mate**

Tempo® A Textron Company
Knowledge. Solutions. Success.

© 2004 Tempo ML-0219. 09/04
Subject to change without notice

tel: +44 (0) 1633 225600
tel: +1 815 397-4279
fax: +44 (0) 1633 225601
fax: +1 815 397-1865
email: info@cve.co.uk
email: info@tempo.textron.com