

# 801K PREMIUM Tone and Probe Kit

TESTING | TROUBLESHOOTING | ACCURACY

The 801K Premium Tone and Probe Kit is a wire and pair tracing tool that is both universally compatible and virtually noise-immune. The 801K meets the requirements of today's technician.

When first turned on the 200FP is in the normal tone probe mode, detecting and reproducing 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.

## Features:

- Fast, Accurate Wire Identification
- Two Distinct Tone Signatures
- Probe uses 2 x AA cells for reduced cost
- Headset Option for Noisy Environments
- Visual Signal Strength Indication
- Polarity Indication
- Audible and Visual Continuity Test
- Adjustable Volume Control
- Talk Battery Supply

## ORDERING INFORMATION:

CAT. NO.	DESCRIPTION
801K	Digital High Performance Tracing Kit
801K/50	Digital High Performance Tracing Kit (50Hz power)
RPT-1	Replacement plastic tips for 200FP



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# 801K INFORMATION

## Kit Contents:

- 200FP Filter Tone Probe (200FP/50 in 801K/50)
- 77HP-G/6A Classic Tone Generator (ABN Clips)
- Instruction Manuals
- 700C Tone and Probe Carrying Case
- RPT-1 Replacement Conductive Plastic Tip (x1)

## Product Features:

- Trace wire pairs or cables even in areas with high electrical noise levels.
- Very high performance together, still work with all other tone generators.
- Crystal-controlled digital signal processing (DSP) accuracy.
- Single button probe function control.
- Power hum melts away with the press of a button.
- 3.5 mm headset jack
- Probe uses AA cells for lower cost & longer life
- Clear real-time signal strength indication two selectable tone-generator patterns
- Probe uses two selectable tone-generator patterns
- Two line polarity indication (via RJ14 jack plug)
- Continuity check with visible and audible indications
- Angled-nose + bed-of-nails test clips & 6P4C RJ14 jack plug

## SPECIFICATIONS:

TONE PROBE	
Probe tip resistance:	300 ohms minimum
Filter 2 out-of-band rejection:	30dB
Input impedance:	100M ohms
Gain:	35 decibels
Power:	2 x AA batteries, nominal life >50 h
Battery-saver time out:	5 minutes
Size:	1.25" x 1.5" x 9.75" (32 x 38 x 248mm)
Weight:	5.5 oz, 156g with battery

TONE SPECIFICATIONS (77HP-G/6A)	
Talk Battery (into 600Ω):	4.6 VDC
Output Power (into 600Ω):	+10 dBm
Resistive Short Visual Indication:	<10 kΩ
Resistive Short Audio Indication:	<200Ω
Output Frequency (nominal)	Alternating-890/960 Hz
Warble Rates	Slow: 1.3 Hz/Fast: 6 Hz
Voltage Protection (into 600Ω):	150 VDC
Battery:	9 VDC (NEDA 1604, JIS 006P, or IEC 6LF61)
Dimensions:	32 mm (1.25") x 64 mm (2.5") x 57 mm (2.25")
Weight (max):	128 g (4.5 oz.)

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