

# 701K-G PROFESSIONAL TONE TRACING KIT

## TRACE FASTER

- Use two distinct tone signatures to trace telephone, data, and security cables faster

## WORK EASIER

- LED brightness indicates received signal strength
- Three listening modes: speaker, headset, or butt-in telephone

## STAY SAFE

- Enhanced voltage protection (up to 150 V DC)



Designed and assembled in USA.

USA PHONE 800.435.0786  
FAX 800.451.2632

CANADA PHONE 866.384.8813  
FAX 800.524.2853

INT'L PHONE +1.815.397.7070  
FAX +1.815.397.9247



**GREENLEE**<sup>®</sup>  
COMMUNICATIONS  
A Textron Company

# 701K-G

## PROFESSIONAL TONE TRACING KIT

FOR PRODUCT VIDEOS, DEMONSTRATIONS  
AND MORE, SCAN THIS QR CODE OR VISIT:

[www.youtube.com/GreenleeDEMO](http://www.youtube.com/GreenleeDEMO)



## FEATURES

- Industry standard tracing for voice, data, and video wiring
- Headset and Adjustable Gain Control (200EP-G)
- LED Worklight - view behind furniture, inside racks, and other dim lighting conditions.
- LED Tone Proximity Indicator illuminates brighter the closer you get to the correct pair (closer to the tone).
- Detect Faults – one or two line telephone service, voltage/polarity and shorts/continuity (77HP-G)
- Distinct Tracing Signatures – two warble tones available for easier tracing.
- Enhanced Voltage Protection – up to 150 V DC.
- Metal or Plastic Tips – Choose the best tip for the job.
- Includes: modular plug, alligator test leads, RJ11/45 socket adaptor, 77HP-G Tone Generator, and 200EP-G Tracing Probe.
- Designed and assembled in USA.



## SPECIFICATIONS

### PROBE SPECIFICATIONS (200EP-G)

Gain (nominal):	30 db
Input Impedance (nominal):	100 M $\Omega$
Metal Tip Resistance:	0 $\Omega$
Plastic Tip Resistance:	300 $\Omega$
Headset:	3.5 mm stereo plug; 8 ohms minimum
Battery:	One 9 VDC (NEDA 1604, JIS 006P, or IEC 6LR61)
Battery Life (nominal):	>50 hours
Length:	231 mm (9.0")
Width:	55 mm (2.2")
Depth:	28 mm (1.1")
Weight:	145 g (5.2 oz)
Operating/Storage Temperature:	0 °C to 50 °C (32 °F to 122 °F)

### TONE SPECIFICATIONS (77HP-G/6A)

Talk Battery (into 600 $\Omega$ ):	4.6 VDC
Output Power (into 600 $\Omega$ ):	+10 dBm
Resistive Short Visual Indication:	<10 k $\Omega$
Resistive Short Audio Indication:	<200 $\Omega$
Output Frequency (nominal)	Alternating-890/960 Hz Warbling-Slow: 1.3 Hz/Fast: 6 Hz
Voltage Protection (into 600 $\Omega$ ):	150 VDC
Battery:	9 VDC (NEDA 1604, JIS 006P, or IEC 6LF61)
Battery Life:	>50 hours
Length:	32 mm (1.25")
Width:	64 mm (2.5")
Height:	57 mm (2.25")
Weight (max):	128 g (4.5 oz.)
Operating Temperature:	0 °C to 50 °C (32 °F to 122 °F)
Storage Temperature:	-50 °C to 75 °C (-58 °F to 167 °F)

## ORDERING INFORMATION

CAT #	UPC #	DESCRIPTION
701K-G	49990	Professional Tone & Probe Tracing Kit
701K-G/6A	35775	Professional Tone & Probe Tracing Kit w/ABN test clips
701K-G/6A-BOX	35797	Professional Tone & Probe Tracing Kit w/ ABN test clips (plain box packaged)
200B-G	49986	Basic Tone Probe
200EP-G	49987	Professional Tone Probe
77M-G	49993	Basic Tone Generator
77HP-G	49991	Professional Tone Generator (Alligator clips)
77HP-G/6A	49992	Professional Tone Generator (ABN clips)

CAT #	UPC #	DESCRIPTION
PRT-1	08711	Plastic Tips for 200B, 200EP, 200FP, and 200XP
RPT-2	60561	Plastic Tips for 200GX
RMT-1	08709	Metal Tips for 200B and 200EP Probes
700C	08683	Tone and Probe Carrying Case
711CS	60559	Tone and Probe Carrying Case with belt hook
200C	08670	Leather Belt Holster for 200 Series Tone Probe Amplifiers
77CS	08686	Leather Belt Holster for Classic 77 Series Tone Generators



[www.greenlee.com](http://www.greenlee.com) MA6023 09/13

4455 Boeing Drive • Rockford, IL 61109-2988 • USA • 815-397-7070

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