

PRODUCT SHEET & SPECIFICATIONS

n.FORM™ RING DOWN UNIT

MODEL G96



FUNCTION

This line simulator provides communication between standard analog phones and Lencore's MPI. The simulator produces standard or distinctive AC ringing, DC talk battery, caller ID data, precise dial tone, ring back, busy, SIT, reorder tone, and provides CPC on disconnect.

FEATURES AND CAPABILITIES

- + Courtesy and/or emergency lines.
- + Diagnosing phone line dependent equipment with precise characteristics.
- + Point-to-point communications between analog phones, and Lencore's MPI-6 without dedicated telephone lines.
- + Demonstrating equipment at tradeshows, meetings, etc.
- + 40V DC talk battery. Precise call progress tones (dial tone, ring-back, busy and reorder).
- + Standard and distinctive 20 Hz AC ringing.
- + Provides CPC breaks after disconnect.
- + Touch Tone detections

DIMENSIONS

- + Dimensions – 127mm x 127mm x 25mm (5" x 5 X1.5")

POWER

- + 120V AC/13.8V AC 1.25A

RINGER OUTPUT

- + 6.0 REN load

TALK BATTERY

- + 40V DC

LOOP LENGTH

- + 4.2 km (2.6 mi) maximum- 24 AWG twisted pair

MAXIMUM DATA SPEED

- + Unlimited

CPC GENERATION TIME

- + 2 seconds

EXTERNAL DIP SWITCH PROGRAMMING

Ring Candence

Switch 1	Switch 2	Description
Off	Off	Normal (2 seconds on, 4 seconds off)

Tones

Switch	Off/On	Description
3	Off	Standard dial tone
4	Off	Disables special call progress tones

Modes of Operation

Switch	Off/On	Description
5	Off	Disables 911 mode
6	On	Enables ring down mode
7	On	No dial tone before ringing (ring down mode)
8	Off	High speed data communication

INTERNAL DIP SWITCH PROGRAMMING

Switch	Off/On	Description
1	On	Enables CPC signal
2	On	Enables "Called ID" data
3	On	Enables maximum ring count
4	On	10 seconds of fast busy tone when other phones hang up

Switch 5	Switch 6	
Off	On	Audio volume between ports is attenuated by 9dB

Switch	Off/On	Description
7	Off	Two-way ringdown