



QUIKLINK™

PRIVATE WIRE



TWO-WAY AUTOMATIC RINGDOWN UNIT

Small, Inexpensive and Installs with Modular Cords



FEATURES

- Instant off-hook ringdown access between two telsets or equivalent devices. May be installed anywhere in circuit within loop resistance limits. Also works with computer modems and fax machines.
- LED off-hook indication and multiple user-selectable ringing cadences.
- Contains ringing and filtered talk-battery sources; operates from either d.c. or a simple a.c. wall adapter.
- Long-line model (to 1,500 Ω loop resistance) and economy short-line models.
- Available in three versions (Economy, Standard, Long-line) to cover every requirement.

APPLICATIONS

Security

- Elevator phones
- Guardpost hotlines
- Door entry phones in offices, homes, apartments

Offices

- Instant tielines between phones, PABXs and Key Systems
- Off-premise extensions over single pair with standard telsets and bridged ringing

Telecom Installation and Repair

- Ring down cable pair under test to signal connected equipment
- Use with standard telset or "butt set"
- Test ringing, answering and signal-path functions of any telecom device at customer premise
- Field expedient order wire with standard telsets or "butt sets"

Hospitals, Factories, Police and Fire Stations

- Emergency hotlines

Sales

- Central Office line simulator for equipment demos at trade shows, point-of-sale, or customer premise

Production Testing, Repair and Design

- Test ringing, answering and signal-path functions of any telecom device
- Simple low-cost CO line simulator eliminates tying up working lines
- Instantly generates call—saves time dialing numbers

Banks

- On-premise ATM and customer enquiry hotlines

OEM Applications

- Configurable for direct pcb mounting

Size and Weight

- Weighs just 6 ounces
- Only 5/8 x 4-1/4 x 2-1/2 inches in size

SPECIFICATIONS

	ECONOMY	STANDARD	LONG-LINE
Power Input	12 Vac at 700 mA max	12 Vac at 700 mA max 20–28 Vdc at 300 mA max	12 Vac at 1000 mA max 42–56 Vdc at 250 mA max
Talking Power	24 Vdc at 50 mA	24 Vdc at 50 mA	48 Vdc at 50 mA
Line Feed Type	Two-wire unbalanced		Two-wire balanced referenced to +Vin
Maximum Loop Resistance	600 Ω (23 mA)	600 Ω (23 mA)	1,500 Ω (23 mA)
Ringling Power (nominal)	70 V 20 Hz modified square wave	70 V 20 Hz modified square wave	86 V 20 Hz sine wave
Ringling Cadence	1 sec on 1 sec off	Selectable: continuous ring; 1 on 1 off; 2 on 2 off; 2 on 4 off	
Off-hook Indicator	None	LED	LED
Protection	Tip-ring Zener-clamped at 120 V suitable for on-premise applications; for off-premise use install separately-available protection module.		
Size and Weight	6 ounces (170 grams) 5/8 x 4-1/4 x 2-1/2 inches (16 x 108 x 64 mm)		
Mounting	Any position; secure with double-sided tape or utilize two holes which are threaded for 8–32 screws and freely pass 6–32 screws. Multiple units may be stacked using mounting holes and long screws to economize on required space.		
Housing	Monolithically encapsulated in UL 94V-0 flame-resistant epoxy resin		
Termination	4–40 screws	4–40 screws RJ-11 jack	4–40 screws RJ-11 jack
Operating Environment	14 to 140° F (-10 to 60° C)		

CAMBRIDGE ELECTRONICS LABORATORIES
 20 Chester Street, Somerville MA 02144–3005 USA
 Tel: + 1 617 629–2805 • Fax: + 1 617 623–1882
 camblab@attglobal.net • www.camblab.com
 Copyright © 2000 by Cambridge Electronics Laboratories

Warranty
 Manufacturer warrants its products to be free of failure for a period of one year from date of shipment. Any unit returned within this one-year period will be repaired or replaced free of charge unless Manufacturer determines that the failure occurred due to improper installation, physical damage, or operation outside of specified limits. This warranty is in lieu of all other warranties implied or expressed. Manufacturer shall not be liable for operation delays or consequent damages of any type.