



The Stick[®]

Phone/Fax/Modem Switch



Benefits

- Cut Phone Costs -- save up to \$600/year per line
- Pays for itself in 3 months with just 1 line reduction
- Automatically directs calls to phone, fax, and dial-up modems
- Add equipment without adding phone lines
- Protects modems from hackers

Applications

- Out-of-Band Network Access
- Energy Management Controls
- Point-of-Sale System Integration
- Submetering
- Lighting Controls
- Modem Polling
- Fuel Tank Monitoring
- Automated Meter Reading
- Small/Home Office
- Service Port Access
- Remote Equipment Maintenance

Product Overview

Reduce your telecom expenses with The Stick from Multi-Link, Inc.

The Stick automatically screens and routes all incoming voice, fax, and modem calls to the right equipment every time so there is no more need for multiple costly phone lines. Customers frequently achieve return on investment within three months.

The Stick is easy to use. There are no drivers or software to install. It works with any type of phone system or telephony device.

The Stick's reliability and programming flexibility can handle demanding business applications, yet it is simple enough to use at home. Other features, like DSL & Caller ID compatibility, surge protection, barge-in protection, and Bell Spec ring-back tones have made The Stick a favorite with professional installers for over 20 years.

The Stick is a proven money saving solution. Thousands of satisfied Multi-Link customers are cutting their telecom expenses each and every month.

Features

AUTOMATIC FAX DETECTION

Pre-programmed to auto route fax calls to fax or fax modem.

BARGE-IN PROTECTION

Prevents active calls from interruption by another device connected to The Stick.

FULLY PROGRAMMABLE

Program all features via telephone keypad; no PC interface or drivers to install.

MANUAL TRANSFER CAPABILITY

Transfer a call to any device port by touch tones.

PROGRAMMABLE SECURITY

ACCESS CODES

User defined transfer codes provide security and control.

BELL SPEC RING-BACK TONES

The Stick transmits a "ring-back" that sounds just like the phone company's.

NON-VOLATILE MEMORY

Programming is preserved after a power outage.

REMOTE PROGRAMMING AND DIAGNOSTICS

ONE YEAR LIMITED WARRANTY



How does The Stick work?

When installed on a typical phone line, The Stick automatically answers inbound calls and “listens” for fax tones and Security Access Codes (DTMF or touch tones). During this screening process, The Stick transmits a high quality ring-back to the calling party. When the screening operation is complete, the call is immediately routed to the correct device. All this takes place in just a few seconds!

Ask our technicians

Our staff of technicians is available to answer any questions you may have about programming or installation. We can even test and program your unit over the phone! We are available before and after the sale to ensure your satisfaction and optimal performance for your application.

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TECHNICAL SPECIFICATIONS

Model Number	STK29112	<i>Device Interface</i>	
<i>Input Power Requirements</i>		Battery:	48 Volts Nominal DC to all devices
At AC Transformer:	110-125 Volts AC only, 50-60 Hz	Off-Hook Detection:	3-80 mA
At Power Jack on The Stick:	12/14 Volts AC...14/16 Volts DC	Ring Generator Frequency:	30 Hz (+/-0.1) Hz Voltage Regulated and current limited
<i>Power Consumption:</i>	6.2 Watts	Waveform:	True Sinusoidal
<i>Power Consumption at standby:</i>	Approx. 44mA @ 12 VDC Approx. 50mA AC at 120VAC	Ring No Load:	Approximately 82.8 Volts RMS AC
<i>CO Interface</i>		Ring 8K Ohm Imp. (REN1.0):	Approx 81.6 Volts RMS AC
Ringer Equivalence Number:	0.5B	Ring 4KOhm Imp. (REN2.0):	Approx 73.0 Volts RMS AC
Input Ring Detection:	40-150 Volts AC, 15-68 Hz	Ring 2.7KOhm Imp. (REN3.0):	Approx 64.5 Volts RMS AC
Physical:	8.2" L x 1.45" D x 2.5" H, 1 lb	Ring 2KOhm Imp. (REN4.0):	Approx 55.0 Volts RMS AC
		Ring 1.8K Ohm Imp.(REN5.0):	Approx 49.5 Volts RMS AC

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