The Stick®

Phone/Fax/Modem Switch

Benefits

- Saves money by eliminating unnecessary phone lines
- Automatically directs calls to phone, fax, modems for network support service ports
- Add equipment without adding phone lines
- Fully programmable
- Works on any phone system

Applications

Out-of-Band Network Access
Energy Management Controls
Point-of-Sale System Integration
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	*Device Interface*	
Input Power Requirements		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
Power Consumption:	6.2 Watts	Waveform:	True Sinusoidal
Power Consumption at standby:	Approx. 44mA @ 12 VDC	Ringing No Load:	Approximately 82.8 Volts RMS AC
	Approx. 50mA AC at 120VAC	Ringing 8K Ohm Imp. (REN1.0):	Approx 81.6 Volts RMS AC
		Ringing 4KOhm Imp. (REN2.0):	Approx 73.0 Volts RMS AC
CO Interface		Ringing 2.7KOhm Imp. (REN3.0):	Approx 64.5 Volts RMS AC
Ringer Equivalence Number:	0.5B	Ringing 2KOhm Imp. (REN4.0):	Approx 55.0 Volts RMS AC
Input Ring Detection:	40-150 Volts AC, 15-68 Hz	Ringing 1.8K Ohm Imp.(REN5.0):	Approx 49.5 Volts RMS AC
Physical:	8.2" L x 1.45" D x 2.5" H, 1 lb		

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