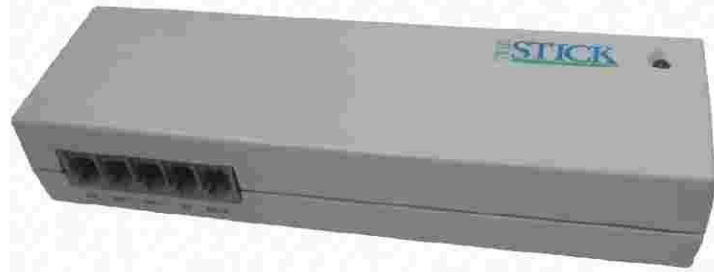


# The Stick<sup>®</sup>

## 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

  
**TELE-MOVERS, INC**

800-336-4864



SAME day shipping



orders placed by 2pm est

## 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!

## TECHNICAL SPECIFICATIONS

Model Number: STK29112

### Input Power Requirements

At AC Transformer: 110-125 Volts AC only, 50-60 Hz  
At Power Jack on The Stick: 12/14 Volts AC....14/16 Volts DC

Power Consumption: 6.2 Watts

Power Consumption at standby: Approx. 44mA @ 12 VDC  
Approx. 50mA AC at 120VAC

### CO Interface

Ringer Equivalence Number: 0.5B  
Input Ring Detection: 40-150 Volts AC, 15-68 Hz

Physical: 8.2" L x 1.45" D x 2.5" H, 1 lb

### Device Interface

Battery: 48 Volts Nominal DC to all devices  
Off-Hook Detection: 3-80 mA  
Ring Generator Frequency: 30 Hz (+/-0.1) Hz Voltage  
Regulated and current limited

Waveform: True Sinusoidal

Ring No Load: Approximately 82.8 Volts RMS AC  
Ringing 8K Ohm Imp. (REN1.0): Approx 81.6 Volts RMS AC  
Ringing 4K Ohm Imp. (REN2.0): Approx 73.0 Volts RMS AC  
Ringing 2.7K Ohm Imp. (REN3.0): Approx 64.5 Volts RMS AC  
Ringing 2K Ohm Imp. (REN4.0): Approx 55.0 Volts RMS AC  
Ringing 1.8K Ohm Imp. (REN5.0): Approx 49.5 Volts RMS AC



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