

Line Scanner 4 x 4

Technical Manual



Share Multiple Lines between Modems, Fax Machines and Credit Card Readers

The Line Scanner 4 x 4 eliminates the need for dedicated outgoing phone lines by making your phone system more efficient. It scans up to 4 phone lines or analog PABX/KSU stations to route outgoing calls to an open line so your calls will always go out and you will not get a busy signal.

A single Line Scanner 4 x 4 will support up to 4 incoming and outgoing phone connected devices on up to 4 phone lines.

Multiple Line Scanner 4 x 4s can be connected together in order to support more outgoing phone equipment. Two units would support up to 8 outgoing phone connected devices on 4 lines. Three units would support up to 12 outgoing devices. Four would give you 16 and so on. Each additional unit adds an additional 4 outgoing devices.

When a device, such as a modem, attached to a device port needs access to a phone line, the Line Scanner 4x4 will instantly scan for an open line starting from the last line to the first line. When the Line Scanner 4x4 detects an open line, that line is routed to the device port, while incoming calls may also be routed to a corresponding device port. If no lines are available, a fast busy tone will be returned.

Use the Line Scanner 4x4 to share multiple lines between Phones, Modems, and Fax Machines, Credit Card Readers or any other phone connected equipment.

Made in the USA

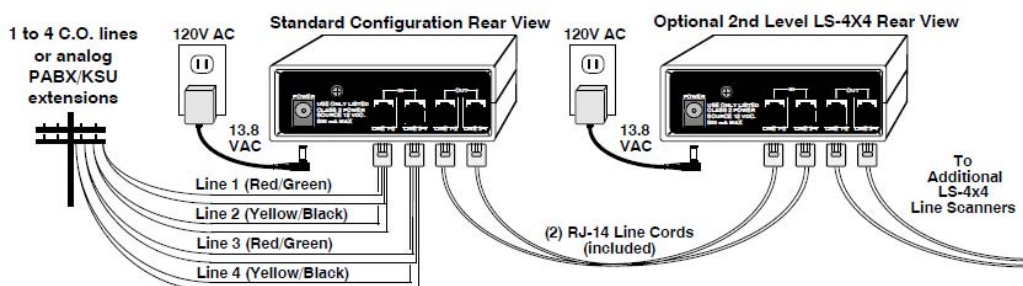
<p>POPULAR APPLICATIONS</p> <ul style="list-style-type: none"> • Credit Card Readers • Money Order Terminals • Cash Register Polling • Storage Tank Monitoring Systems • Phone Line Sharing • Modem Line Sharing • Fax Modem Line Sharing • Voice Line Sharing • Time Clock Line Sharing • Modem Pools • Courtesy phones • Emergency phones (requires UPS) • Information kiosks <p>SPECS</p> <ul style="list-style-type: none"> • 1 Year Warranty • Power: 120VAC/13.8VAC 1.25A UL listed adaptor provided • Dimensions: 133mm. x 130mm. x 38mm. (5.25" x 5.1" x 1.5") • Environmental: 0°C to 32°C (32°F to 90°F) with 5% to 95% non-condensing humidity • Busy Tone: 500 Hz - 250 ms on/ 250 ms off • Talk Battery: 40V DC while lines are available, 12 V DC when all lines are in use (for credit card reader line detection) • Connections: (4) RJ-14 jacks, (4) RJ-11 jacks 	<p>BENEFITS & FEATURES</p> <ul style="list-style-type: none"> • Modular installation • High speed modem compatible, copper wire through will not cause a step down in speed • Programmable to allow incoming calls • Cascadeable to accommodate additional devices • Reverse line scanning for compatibility with rollover lines and hunt groups • Credit card reader compatible • Saves Money by eliminating dedicated phone lines! • No loss of data throughput speed or integrity...invisible to call transaction • Broad compatibility with telephony equipment and Telco services • Provides fast busy signal when all lines are in use
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The Line Scanner 4 x 4 is a 4 line by 4 device unit which can be modularly expanded. Depending on the number of Line Scanner 4 x 4s used, 4, 8, 12, 16, 20 or more modems, credit card terminals, fax devices, phones etc. can share up to four analog or PABX phone lines. On incoming calls, each of the four lines can be programmed to ring a specific device.

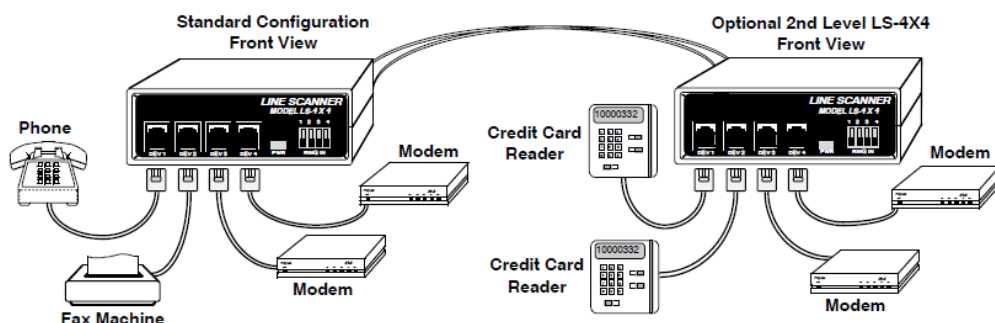
Use the Line Scanner 4 x 4 for modems, data and credit card terminals, storage and monitor-throughput, if your equipment requires a phone line, the Line Scanner 4 x 4 works for you.

Compatible with virtually all analog phones lines, communications equipment and phone systems.

Installation



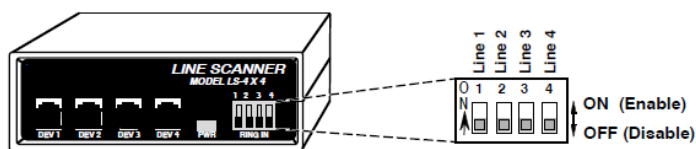
Note: Radio Shack part # 279-4011 combines two RJ-11's (one line) into one RJ-14 (two lines).



Programming

Incoming calls on each line can be routed to their corresponding device port by turning the appropriate dip switch on.

Note: It is recommended that incoming calls be connected to the lower device ports.



Dip Switch	Position	Example
1	ON	All incoming calls on LINE 1 will ring DEV 1
2	ON	All incoming calls on LINE 2 will ring DEV 2
3	ON	All incoming calls on LINE 3 will ring DEV 3
4	ON	All incoming calls on LINE 4 will ring DEV 4

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