

## LAN-Safe Firewall

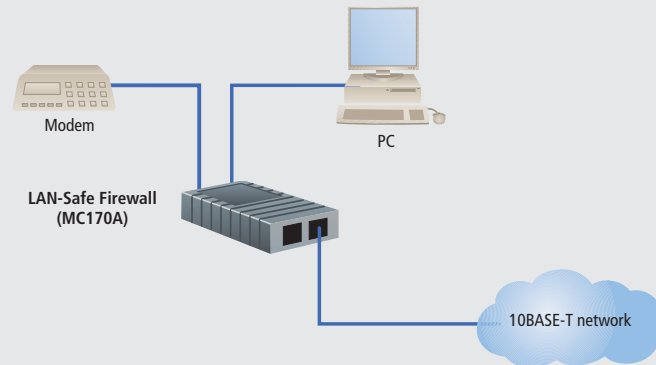


Keep your LAN safe from Internet hackers.

## FEATURES

- Protects your 10BASE-T LAN from Internet hackers.
- Breaks connection to your 10BASE-T Ethernet LAN while a modem's in use.
- Provides extra protection to existing firewalls.
- Easy to install—no software needed.
- Interface-powered—requires no external power supply.
- Available in standalone and wallplate versions.
- Set up the enhanced version to require a virus scan after every use of the modem.

*The LAN-Safe Firewall is a good choice to protect a small to mid-sized 10BASE-T LAN.*



## OVERVIEW

The Internet is based on UNIX® systems which were originally designed for open and easy connectivity. But that same open architecture can make it easy for hackers to break into your LAN via the Internet.

The LAN-Safe Firewall prevents unauthorized LAN access from your Internet connection by disconnecting the LAN connection while the modem is in use. There is never a direct connection between the Internet and your LAN.

The LAN-Safe Firewall is an external hardware security device designed for PCs or servers that have both 10BASE-T Ethernet network interface cards and modems.

When you dial out to the Internet, the LAN-Safe Firewall automatically disconnects the LAN. When you're done with the modem, the unit automatically reconnects the LAN.

Although the LAN-Safe Firewall can be used at various points on the LAN, it's primarily used in smaller LAN environments without conventional firewalls and where one or more users access the Internet while their PC is connected to the LAN.

With the LAN-Safe Firewall installed, the LAN connection is physically broken while the modem session is in progress—and your network is effectively safeguarded from LAN damage or security breaches from Internet connections. Once the modem call is completed, the unit automatically restores the link to the LAN.

The LAN-Safe Firewall can also be used in other installations, even those with conventional firewalls that restrict access to high-priority servers while dialup modems are in use. It doesn't matter if the server supports the modem connection or if it's an adjacent server—the LAN-Safe Firewall provides

the extra protection your network needs wherever there's a modem connection.

Installation is easy—no training or maintenance is required. Plus the LAN-Safe Firewall is powered from the telco line, so it can be used practically anywhere.

The LAN-Safe Firewall is a simple but highly effective network solution that keeps hackers out.

Choose either the basic LAN-Safe Firewall (MC170A for standalone or MC171A for wallplate) or the enhanced model (MC172A).

The MC172A, when operating in the enhanced mode, gives you all the protections of the basic disconnect, but its LAN connection isn't automatically restored when your modem call is completed. In fact, it doesn't restore the link until it runs a program like a virus scan. That way, you can prevent downloaded viruses from infecting your entire network. Or you can run an analysis or audit program of your choice, which you set up through an encrypted, password-protected program included with the MC172A.

You can operate the switch-selectable device as a basic or enhanced LAN-Safe Firewall. When used as a basic unit, it allows multiple units to be stacked together to accommodate operation with multiple modems or servers.

The wallplate versions feature punchdown 110 connectors; these are compatible with the EIA/TIA 568B wiring standard for easy replacement.

A typical application might be an office with a small 10BASE-T LAN connected to the LAN-Safe Firewall on one computer that's used for Internet access.

## Technically Speaking

The Internet has become such a valuable business tool that your company can't afford to do without it. You can lose sales and worse unless you have access to e-mail and up-to-the-minute information that the Internet provides.

However, many companies are afraid of giving the PCs on their LAN access to the Internet for fear of hackers breaking in. Just the thought of a hacker with access to vital company records or confidential information is enough to make many managers decide to simply cut off all access to the Internet.

There's some justification in these fears. While having your network hacked is not an everyday occurrence, there are hackers out there who delight in hacking into any site, large or small. One Internet site devoted to hacking tools even advertises, "Check out this easy-to-hack site!" and provides a link plus a password. It's enough to make you bury your head in the sand and forget the Internet.

But there are steps you can take to keep hackers out. While no protection can be 100% secure, you can minimize the possibility of a break-in and to minimize damage if a break-in should occur.

For starters, every LAN should have good virus-protection software installed—viruses are the number one problem downloaded off the Internet.

Every server should be backed up daily—not just for protection from hackers but also for recovery from the occasional unavoidable system crash or hardware failure.

Another very effective way to block out hackers is to use an Internet firewall to act as a barrier between the Internet and your LAN.

The LAN-Safe Firewall is suitable for use on a small LAN if all PCs have Internet access, or on a mid-sized LAN if only one or two PCs have Internet access.

## TECH SPECS

**Compliance** — FCC Part 68 Reg. Number 4E1USA-22465-KX-N

**MTBF** — >60,000 hours

**Connectors** — MC170A, MC172A: (2) RJ-11 (telco/modem), (2) RJ-45 (LAN/NIC);

MC171A: (1) RJ-11 (modem), (1) RJ-11 (NIC)

**Indicators** — (1) Modem

**Temperature Tolerance** — Operating: 32 to 122°F (0 to 50°C); Storage: -40 to +158°F (-40 to +70°C)

**Humidity Tolerance** — 5 to 95% relative (noncondensing)

**Altitude (Maximum)** — 10,000 ft. (3048 m)

**Size** — 3"H x 1.7"W x 0.8"D (7.6 x 4.3 x 2 cm)

**Weight** — 0.5 lb. (0.2 kg)



## Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

### Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Item	Code
LAN-Safe Firewall	
Standalone	<b>MC170A</b>
Enhanced Standalone	<b>MC172A</b>
Wallplate	<b>MC171A</b>
<b>You might also need to order cable...</b>	
RJ-11 Modular Cable, 4-Wire, Cross-Pinned, 4-ft. (1.2-m)	<b>EL04M-04</b>