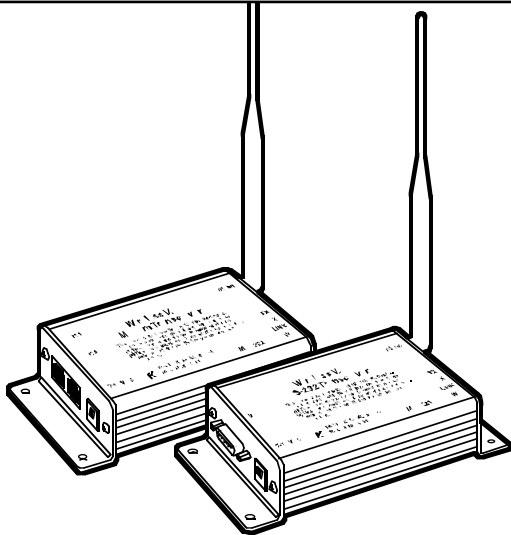


## WIRELESS V.90 MODEM KIT



***Connect at 56 kbps, even when the nearest connections are far away.***

### Key Features

- ▶ ***Connects easily, without having to run additional cables.***
- ▶ ***Uses a standard Windows<sup>®</sup> modem driver.***
- ▶ ***Range of 500 feet (152.4 m) indoors or 10,000 feet (3048 m) line-of-sight.***
- ▶ ***Easily mountable for enhanced performance.***
- ▶ ***2.46-GHz protocol resists interference and assures reliable communication, even in RF-hostile environments.***

Don't have convenient local access to phone lines? It's not a problem with the Wireless V.90 Modem Kit.

The Remote Node uses your standard Windows modem driver for an optimum dialup connection, with no need for additional software.

This plug-and-play capability means you can set up wireless communications between local RS-232 devices and any standard phone line in minutes.

Simply connect the Modem Node to your phone jack using the RJ-11 phone cable that comes with the kit. Connect the Remote Node to your computer's DB9 RS-232 serial port. (A 5-ft. [1.5-m] DB9 cable is also provided.)

To connect multiple PCs or devices wirelessly, order a Wireless V.90/RS-232 Remote Node (MDR221A) for each additional computer.

200 mW of output power yields a wireless communication range of up to 500 feet (152.4 m) indoors. And for outdoors or line-of-sight communications, the kit has a range of 10,000 feet (3048 m).

The Wireless V.90 Modem Kit operates along the FHSS (Frequency-Hopping Spread Spectrum) 2.46-GHz Radio RF232 protocol, enabling it to co-exist transparently—at speeds up to 115.2 kbps!—with other in-band devices. It provides fast wireless communication that resists interference and assures reliable,

secure transmissions, even in RF-hostile environments.

Dual endcap mounting flanges enable you to mount the units securely to enhance their performance. Both the Modem Node and the Remote Node have a detachable antenna, which enable you to relocate the antenna to achieve the best possible distance.

The units have a durable aluminum enclosure, which makes them perfect for harsh industrial environments. They're also easily portable for use in mobile and temporary settings.

## Specifications

### Data Rate (Maximum):

Modem Node: 56 kbps;  
Wireless V.90/RS-232 Remote  
Node: 115.2 kbps

**Radio Specifications:** 2.402–  
2.478 GHz in the unlicensed ISM  
band using Frequency-Hopping  
Spread Spectrum transceivers

### Range (Maximum):

Indoors: 500 ft. (152.4 m);  
Outdoors: 10,000 ft. (3048 m)

### Connectors:

Modem Node:  
(2) RJ-11;  
Wireless V.90/RS-232 Remote  
Node: (1) DB9 F RS-232

**Operating Temperature:** -40 to  
+176°F (-40 to +80°C)

**Mean Time Between Failure:**  
>40,000 hours

**Power:** 120 VAC, 60 Hz (external) or  
6 VDC, 800 mA (not included)

**Size:** 1.4"H x 4.4"W x 2.7"D  
(3.6 x 11.2 x 6.9 cm)

**Weight:** Each node: 0.4 lb. (0.2 kg)

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

### Recognise 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.

## Each Kit Includes

- (1) Wireless V.90/RS-232 Modem Node.
- (1) Wireless V.90/RS-232 Remote Node (MDR221A).
- (2) AC power supplies each with a 6-ft. (1.8-m) cord.
- (1) 5-ft. (1.5-m) RJ-11 phone cable.
- (1) 5-ft. DB9 cable.
- Users' manual.

## Ordering Information

| ITEM  | CODE    |
|---|---------|
| Wireless V.90 Modem Kit .....                   | MDR220A |
| <i>For additional devices or PCs, order ...</i> |         |
| Wireless V.90/RS-232 Remote Node .....          | MDR221A |