

# Reichert® Phoroceptor® VRx Wireless Dongle Kit 16251

For use with ClearChart® 2

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**Reichert, Inc.**

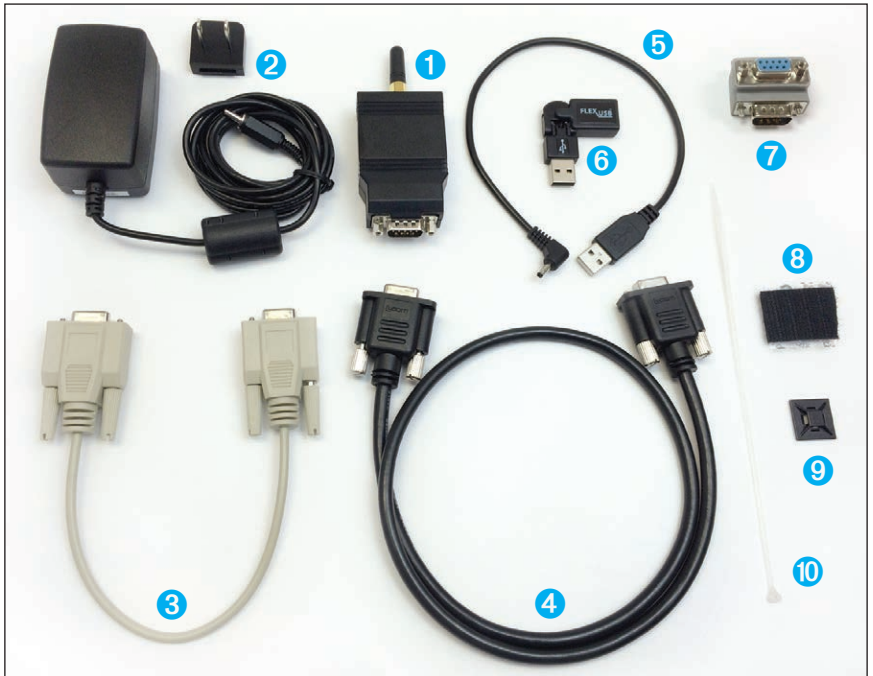
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Welcome to the Reichert® Phoroceptor® VRx **Wireless Dongle Kit 16251**, allowing Bluetooth® wireless connectivity between **Phoroceptor® VRx** and a **ClearChart® 2**.

**NOTE:** This document will familiarize you with your new Phoroceptor VRx accessory. *To use this Wireless Dongle you must first configure it to communicate with the Phoroceptor VRx. Please refer to the Phoroceptor VRx Digital Refraction System User's Guide (16241-101) for complete installation, configuration, and compliance information.* To obtain a copy of 16241-101, please contact Reichert, your Reichert authorized dealer, or you may download it from the Phoroceptor VRx product page at [www.reichert.com](http://www.reichert.com). Actual components may differ in appearance from those depicted here.



## Wireless Dongle Kit Contains:

- |   |                                   |
|---|-----------------------------------|
| ① Wireless Dongle                                 | ⑤ Wireless Dongle USB Power Cable |
| ② Wireless Dongle AC-Power Supply w/ Plug Adapter | ⑥ Flexible USB Adapter            |
| ③ Wireless Dongle DB9 Programming Cable           | ⑦ Right Angle Serial Adapter      |
| ④ Serial Extension Cable 0.76 m (2.5 ft)          | ⑧ Hook and Loop Fasteners         |
|   | ⑨ Cable Tie Mounts (3)            |
|   | ⑩ Cable Ties (3)                  |

## Wireless Dongle Kit configuration options:

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Some Wireless Dongle Kits will connect directly to an instrument using only an **Adapter Set** configuration, while other Wireless Dongle Kits will connect to an instrument using only an **Extension Cable** configuration.

In some instances a Wireless Dongle Kit can connect to an instrument using either configuration. For those installations it is up to the user to decide whether you prefer to connect directly using the Adapter Set or if you prefer to use the Extension Cable to hide the Wireless Dongle from view behind a counter or under an instrument table.

Follow the instructions for your specific instrument.

**NOTE:** Your Wireless Dongle Kit may be designed to connect in multiple configurations, so you may not use all the parts included in this kit for your specific installation.

## Connecting ClearChart® 2:

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The **ClearChart 2** Digital Acuity System uses the Extension Cable configuration to connect to the Wireless Dongle Kit. The serial port (**A**) on the bottom of the ClearChart 2 is where the Wireless Dongle will connect.

**NOTE:** Current models of ClearChart 2 have the serial port located at the bottom left corner of the unit, while older models have the serial port located toward the bottom center of the unit. Please take a moment to identify the serial port location.



*ClearChart 2 w/ serial port  
at bottom left corner*



*ClearChart 2  
w/ serial port at bottom center*

**NOTE:** If the serial port is located at the bottom left corner, you will need to connect the Right Angle Serial Adapter **7** for easier cable management before continuing.

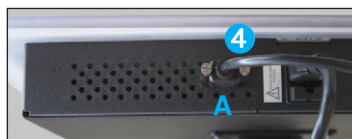


*ClearChart 2 w/ serial port at bottom left corner  
plus Right Angle Serial Adapter **7***

Continue connecting ClearChart 2 to the Wireless Dongle by plugging in the Extension Cable ④ into either the Right Angle Serial Adapter ⑦ or directly into the serial port (A) – depending on model.



*ClearChart 2 w/ serial port  
at bottom left corner*



*ClearChart 2  
w/ serial port at bottom center*

**NOTE:** Once the Extension Cable is connected, you can easily run the cable up to the top of the ClearChart 2 between the ClearChart 2 and the wall, in the space allowed by the ClearChart 2's wall bracket. If desired, Cable Tie Mounts and Cable Ties are provided to secure the cable.

Affix the Wireless Dongle ① to the top left corner of the ClearChart 2 with provided Fasteners, then connect Extension Cable ④ routed up the back of the ClearChart 2 unit. Connect USB Power Cable ⑤.

**NOTE:** There are some models of ClearChart 2 not configured with USB ports, therefore the Wireless Dongle will need to be powered via the AC-Power Supply instead (not shown).

For this configuration, the USB port (B) on the left side of ClearChart 2 will power the Wireless Dongle by using the USB Power Cable ⑤. For easier USB port accessibility a Flexible USB Adapter ⑥ is supplied. If desired, Cable Tie Mounts and Cable Ties are provided to secure the USB power cable or hide it from view.



*Top left corner of ClearChart 2.*

*ClearChart 2 USB port*



*ClearChart 2 w/ USB Power*

