

READ ME

Install OpticonRL

Note: This application will work on BlackBerry devices running OS version 5.0 and higher.

You can install OpticonRL via the Desktop Manager.

Desktop Manager

- 1) Download ALX and COD files from Opticon Wiki
<http://wiki.opticon.com>
- 2) Unzip files
- 3) Launch the Desktop manager, click on Application Loader, then click the Start button under Add / Remove Applications. Click on Browse button and navigate to the OpticonRL ALX file. Press Next and Finish and after a while OpticonRL will be loaded onto your device.

Barcode Scanner Software

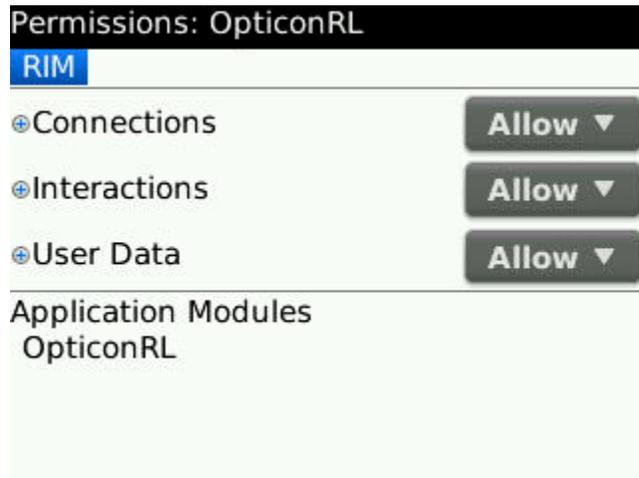
Please make sure that you have the newest versions of your device's firmware installed on your device (both OS and application). The latest software can be found and downloaded from Opticon's Tech Support web site.

<https://wiki.opticonusa.com/techsupport>

Setting Permissions

OS version 6.0

- 1) On your Blackberry, select Options > Device > Application Management > OpticonRL > Edit Permissions, click Connections and Interactions and change it to 'Allow'.
- 2) Save changes



OS version 5.0

- 1) On your BlackBerry, select Options > Applications > OpticonRL > Edit Permissions. Make sure Connections and Interactions are set to 'Allow'.
- 2) Save the changes.

Setting barcode scanner in SPP mode

The barcode scanner needs to be set to SPP mode before you start the pairing process.

OPN-2002/OPL-2724

- 1) Scan the barcode below to choose Bluetooth-SPP mode. (Scanning this barcode will also set the scanner's COM port to COM2 (necessary for pairing and communication with the BlackBerry) and PIN code to '0000')



OPL-9712/OPL-9724

- 1) These devices are already in SPP mode, but need their COM port changed to COM2, and their PIN code set, as described below

Selecting COM port on barcode scanner (OPL-9712/OPL-9724/OPL-2724 only)

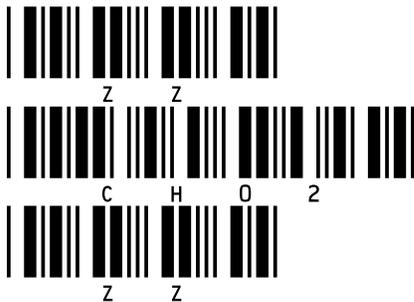
OPL-9712/OPL-9724

Select COM port on a scanner with an LCD screen

- 1) Go to scanner's OS system menu by pressing Q1, Trigger, and Q2 simultaneously (the three buttons immediately below the LCD), and select BLT com port
- 2) Select COM2

OPL-2724

Scan the barcode below to set COM2



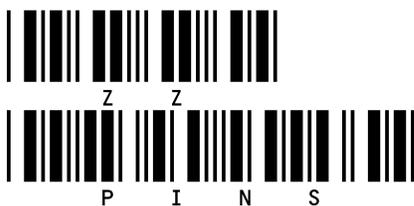
Selecting PIN code on barcode scanner (OPL-9712/OPL-9724/OPL2724 only)

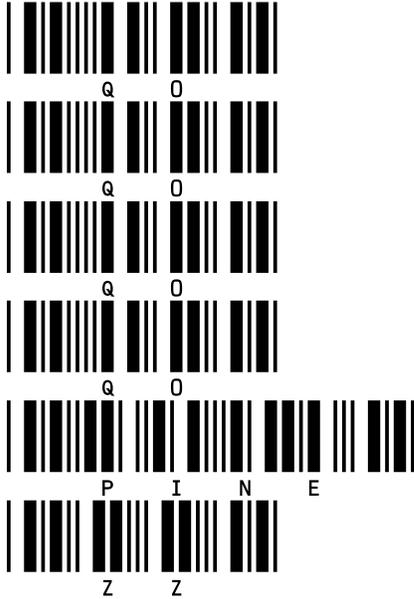
OPN-9712/OPL-9724

- 1) Go to scanner's OS system menu by pressing Q1, Trigger, and Q2 simultaneously (the three buttons immediately below the LCD), and select Input PINcode
- 2) Enter four digit numeric code

OPL-2724

Scan the barcode at below to set PIN code to 0000. Note that you must wait one second between each identical barcode (Q0) below.





Pairing with Opticon Barcode Scanner

1) Make the barcode scanner discoverable.

OPN-2002:

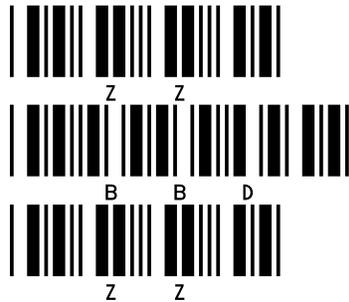
- i. Hold the Clear/Function key on the OPN2002 for five seconds until it beeps and LED begins flashing blue.

OPL-9712/OPL-9724:

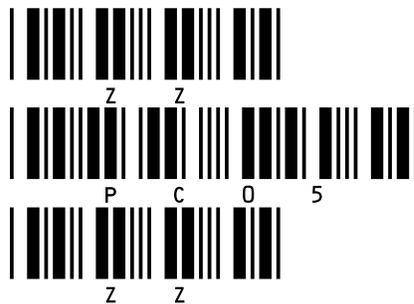
- i. Select Input address on OS System menu
- ii. Select "Discovery" to set Bluetooth address on barcode scanner
- iii. Scroll to your BlackBerry device using 2=down key.
- iv. Select using the trigger key
- v. Select Restart on OS system menu, and select Q2= Real Time on Data Mode menu
- vi. Select Scan labels
- vii. Select Q2= SLAVE on MASTER/SLAVE menu
Note: if no MASTER/SLAVE menu on step iii, go to System menu > Bluetooth > Master/Slave

OPL-2724

- i. Scan the barcodes below to set “trigger to make connectable and discoverable” (makes pressing and holding the trigger toggle the OPL2724’s discoverable and connectable modes)



- ii. Scan the barcodes below to set the “trigger to connect time” to five seconds (sets the time you have to press and hold the trigger to make the OPL2724 discoverable and/or connectable)



- iii. Hold the trigger on the OPL-2724 for five seconds until it beeps and its LED begins flashing blue.

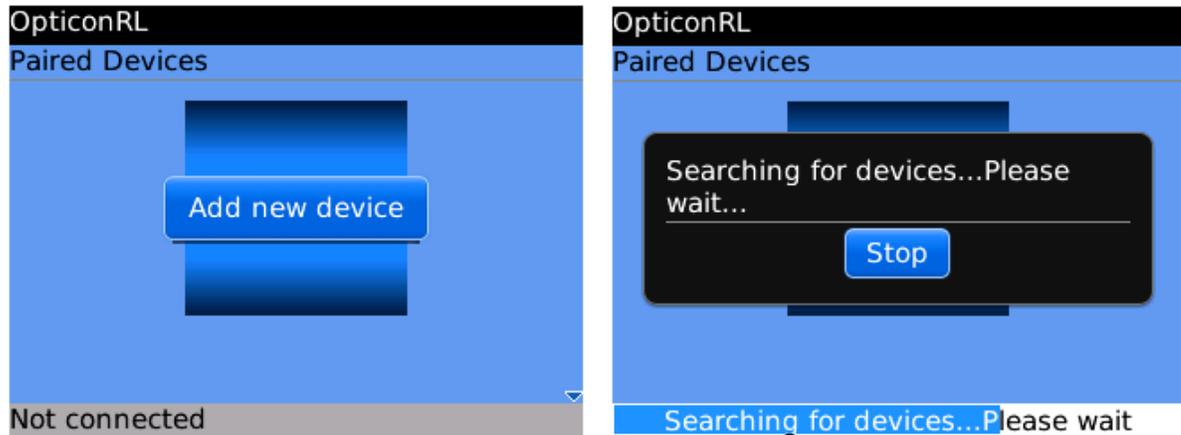
2) Pair

Two ways to pair;

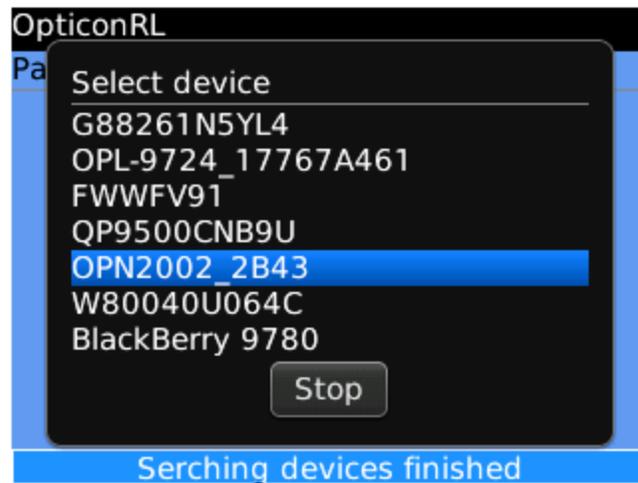
- Pairing from OpticonRL: initiate the pairing request from within OpticonRL. This method connects to the device automatically after pairing is completed.
- Pairing from Blackberry Bluetooth Options Menu: initiate the pairing request from the BlackBerry’s OS. This method does not connect automatically to the scanner after pairing is completed, and requires that the connection is finished from within OpticonRL.

Pairing from OpticonRL

- a. Launch OpticonRL on BlackBerry, and select 'Add new device'.

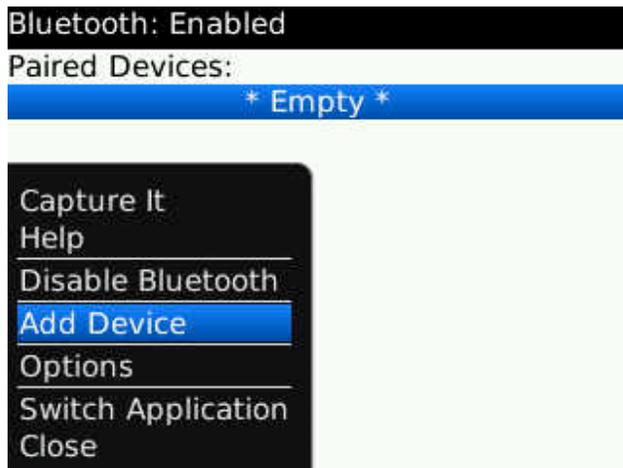


- b. On the BlackBerry, select the discovered Opticon barcode scanner to pair to from the list.



Pairing from Blackberry Bluetooth Options Menu

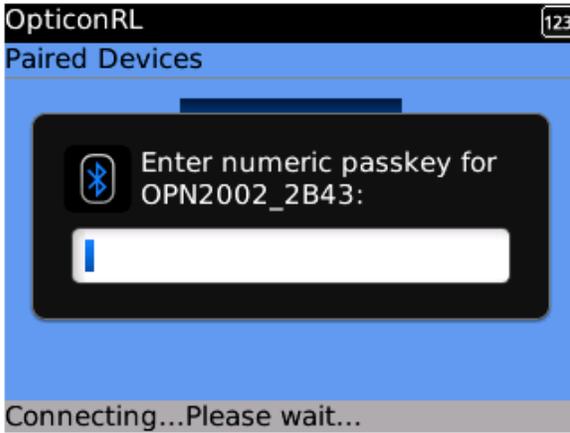
- a. On BlackBerry, select Options > Bluetooth > Add Device > Search.



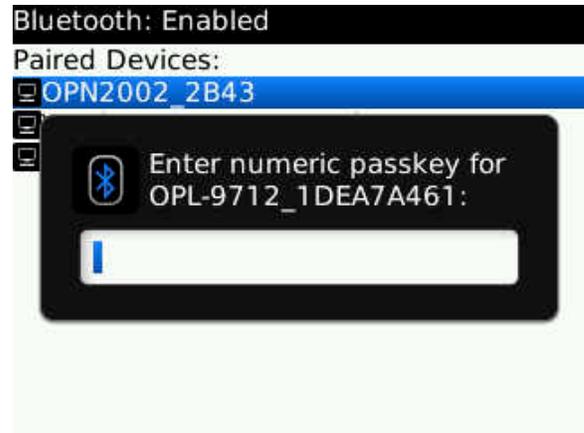
- b. On the BlackBerry, select the discovered Opticon barcode scanner to pair to from the list.



3) On the BlackBerry, enter the numeric passkey if required.



OpticonRL image



Options>Bluetooth menu image

OPN2002/OPL2724:
PIN code is '0000'

OPL9712/9724:
Enter the PIN code you selected when inputting the OPL's PIN code through the OS system menu, described above

4) The scanner should appear on the Paired Devices list on the BlackBerry. Launch OpticonRL on BlackBerry and make sure the device appears in the paired devices list.



Initiate a Connection from OpticonRL to a Previously Paired Device

- 1) On the BlackBerry, launch OpticonRL.
- 2) Make the barcode scanner discoverable.
- 3) From OpticonRL's menu, select the device to connect to.



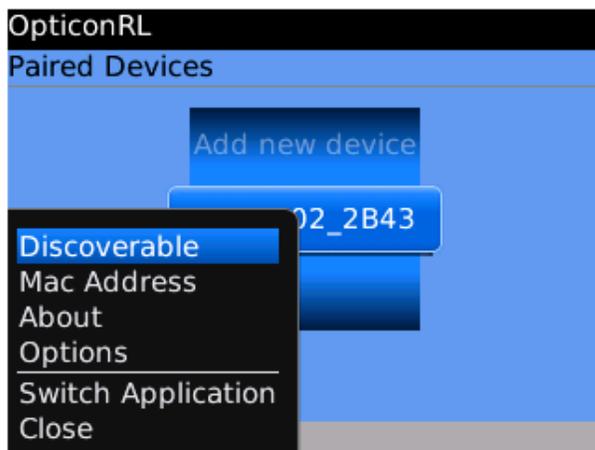
- 4) OpticonRL is meant to run in the background after the connection is established, so that it can “wedge” barcode data into other applications. Color of small icon on notification bar is changed from white(not connected) to green **RL** (connected). Switch to another application and start scanning barcodes!



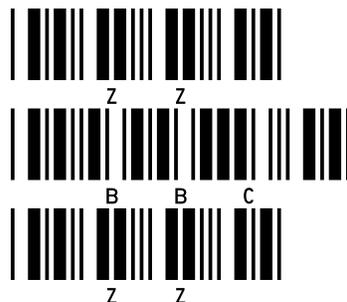
Initiate the Connection from a Previously Paired Barcode Scanner

Note: Make sure that the BlackBerry is discoverable. On the BlackBerry, select Options > Bluetooth, and make sure that the Discoverable field is set to 'Yes'.

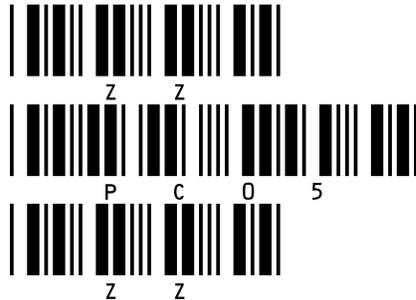
- 1) Launch OpticonRL on the BlackBerry device, and select “Discoverable”. Color of small icon on notification bar is changed from white(not connected) to blue **RL** (Discoverable mode).



- 2) Connect to the BlackBerry from the barcode scanner.
 - a. OPN-2002: Hold the Scan key on the device for five seconds
 - b. OPL-9712/OPL-9724: Select restart on OS system menu, select Q2= Real time, select Scan Labels, and select MASTER mode
 - c. OPL-2724:
 - i. Scan the barcodes below to set trigger to connect.

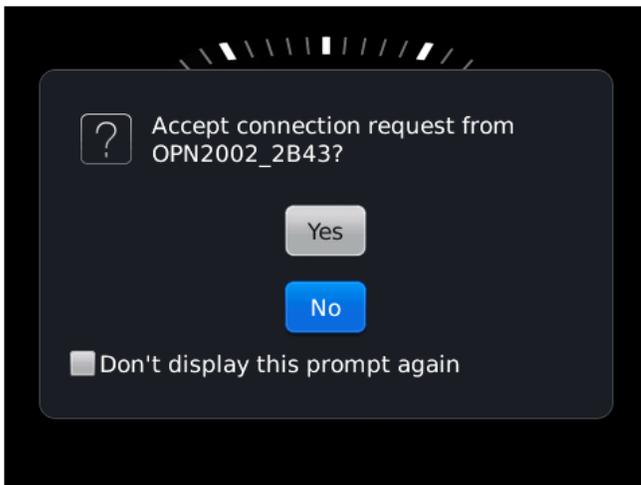


- i. Scan the barcodes below to set trigger press-and-hold time to five seconds to connect



- ii. Hold trigger five seconds to connect

- 3) On the BlackBerry, check 'Don't ask this again' and select Yes.

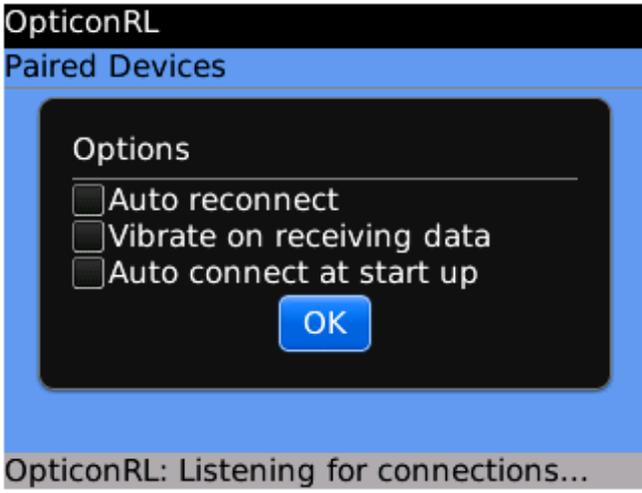


- 4) OpticonRL is meant to run in the background after the connection is established, so that it can “wedge” barcode data into other applications. Switch to another application and start scanning barcodes!

Note: Having OpticonRL constantly listen for incoming connections can drain the battery faster than normal. Choosing “Disable discoverable” is recommended when you’re not actively scanning barcodes.



 Option menu



- ✓ Auto Reconnect
 - This option is for MASTER mode (The BlackBerry initiates the connection).
 - The Auto Reconnect option causes the BlackBerry to automatically reconnect to the barcode scanner when the connection is broken. The default setting for first time use is for this option to be enabled.
 - Not all barcode devices support Auto reconnection. Currently only the OPN2002 supports the auto reconnection option.

- ✓ Vibrate on receiving data
 - This option is for vibrating the Blackberry device upon receiving barcode data.

- ✓ Auto connect at start up
 - This option is for connecting the previously paired device automatically when OpticonRL launches.

Opticon Tech Support

Technical Support is available Monday through Friday from 9:00 AM to 5:00 PM PST.

You can reach us by calling 1.800.636.0090 extension 2127 or by e-mailing support@opticonusa.com.

<http://www.opticonusa.com/>