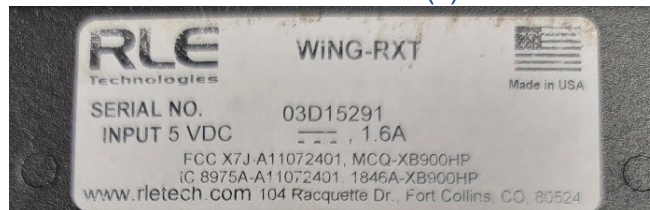


RLE WiNG-MGR – WiNG-RXT – Binding Radio C

For large applications with multiple WiNG-MGR's in the same Facility, you can connect or "Bind" specific Range Extenders (RXT) to specific WiNG-MGR's. Up to four WiNG-RXT can be programmed to a single WiNG-MGR. You will want to record the serial number from the WiNG-RXT units and identify the channel being used by the sensors and WiNG hardware.

You may reference the RLE Technologies WiNG-MGR User Guide for basic setup and programming.

1. Your WiNG-RXT should be powered up and communicating by watching the System LED, RX A and RX B LEDs.
2. By default, the WiNG-MGR platform uses channel pair 1. An alternative Pair 2 channel can be configured.
 - a. Sensors Identification LED with Channel Pairing Configured
 - i. 900MHz: Channel 1 = Blue LED Flash
 - ii. 900MHz: Channel 2 = Green LED Flash
 - b. WiNG-MGR/RXT System LED Identification with Channel Pairing Configured
 - i. 900MHz: Channel 1 = Blue LED Flash
 - ii. 900MHz: Channel 2 = Green LED Flash
3. Up to four WiNG-RXT can be connected to a single WiNG-MGR. You want to record the serial number from each of the WiNG-RXT unit(s) to be connected.



4. Log on to the WiNG-MGR web interface. You want to sign in as "Administrator" to access the configuration settings.
5. On the left navigation, left click on configuration, then left click on Radios.



6. Based off from the Sensor Channel being used, make sure you have the correct Frequency Channel Pair Selected.
 - a. (Default) Channel 1 = Blue Status LED
 - b. (Optional) Channel 2 = Green Status LED
7. From the Radio C (Digi) dropdown, select Enabled - Binding. Then left click on the Save Changes button.

Radio Configuration

Settings

Radios A & B (Anaren): Enabled

Manager Frequency Channel Pair: 1

The manager frequency pair must match the sensor frequency pair setting for sensors that will communicate directly with the manager.

Radio C (Digi): Enabled - Bind Binding

Enabled - Binding

The range extender frequency pair must match the sensor frequency pair setting for sensors that will communicate directly with the range extender.

Save Changes

8. Once Saved, then left click on the blue Binding button.
9. The Range Extender Bindings window will open. Based off from your list of desired WiNG-RXT to be matched, select the following.
 - a. Confirm the serial number of the correct units
 - b. Left click on the Bind check/select box.
 - c. Select the correct Frequency Pair.
 - d. Repeat 8.a – 8.c for each desired unit.
 - e. Left click on Save Selected once completed.

Range Extender Bindings

Bind the selected Range Extenders to your wireless manager.

Range Extenders:

Bind	Serial Number	Frequency Pair
<input checked="" type="checkbox"/>	03D15291	1: <input checked="" type="radio"/> 2: <input type="radio"/>
<input type="checkbox"/>	00000000	1: <input type="radio"/> 2: <input type="radio"/>
<input type="checkbox"/>	00000000	1: <input type="radio"/> 2: <input type="radio"/>
<input type="checkbox"/>	00000000	1: <input type="radio"/> 2: <input type="radio"/>

Unbind

Unbind	Serial Number
<input type="checkbox"/>	ALL

Cancel Save Selected

10. Once saved, the Range Extender Bindings window will go away. The Radio Status will update, showing the Range Extenders connected to your WiNG-MGR. Refresh the web page or left click on the Refresh Icon on the upper right-hand side of the Radio Status.



The screenshot shows the 'Radio Status' window with a refresh icon in the top right corner. It is divided into two main sections: 'Manager' and 'Range Extenders'.

Manager:

```
Last SSID Time: 06/18/22 10:35:10
Program Name: wing-k64
Firmware Version: 3.9 Hardware Version: B
Serial Number: 19F901DE
Spectrum: 915 MHz
Radio-A Channel: 1 Radio-B Channel: 15
** Digi **
Preamble ID: 4
Network ID: 55FF
Hardware Version: 234B Firmware Version: 0075
Hardware Series: 301 (538)
Serial Number High: 13A200
Serial Number Low: 41B20594
```

Range Extenders:

```
** Range Extender Serial Number: 03D15291
Last SSID Time:06/18/22 10:35:10
Program Name: wing-k64
Firmware Version: 3.9 Hardware Version: B (digi)
Spectrum: 915 MHz Radio-A,B Channels: 1,15
Binded: Yes
```

11. If you have any questions based off from this document, please [Contact Us](#).