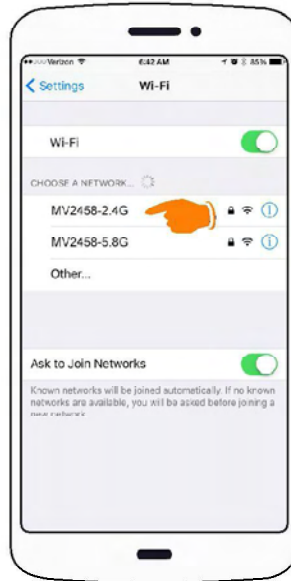# MV2458 Router
User Manual

Contents

Establish a WiFi Connection

To access the internet using the MV2458 a WiFi connection must be established with the host WiFi.

Step 1

Press power button on the MV2458 to power up the Router and wait until all lights are blue and flashing (approximately 2 min).

Step 2

Go to the WiFi setting on your device (phone, tablet, laptop, etc., make sure your WiFi is turned on) and click on the **MV2458-2.4G** Network. If avaliable, you can also choose to connect to the **MV2458-5.4G** Network.
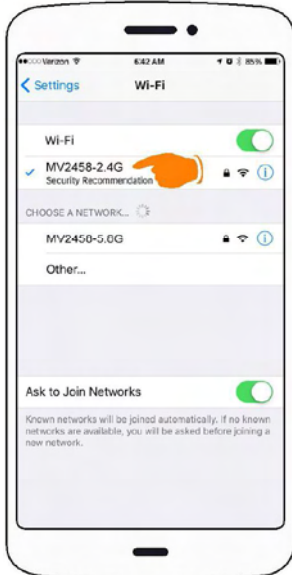

Step 3

In the Password field type in the password **MV2458WiFi** and click the Join button.
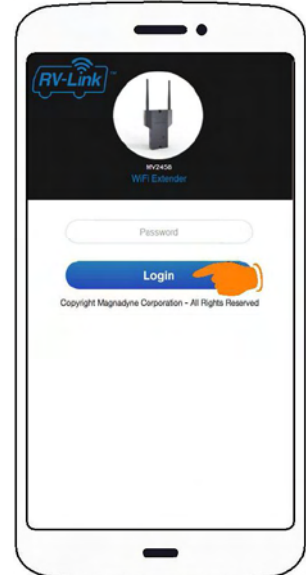
Password: MV2458WiFi

*Case Sensitive

Step 4

Wait until your device is connected to the MV2458-2.4G Network.

Step 5

Go to your web browser and in the address field type in **192.168.10.1** and click **Go** or hit **Enter**.

Address: 192.168.10.1

Step 6

The Login screen will open. In the Password field type in the password **admin** and click the **Login** button.

Password: admin

*Case Sensitive

MV2458 Software UM RV-Link Rev. A 8-15-17
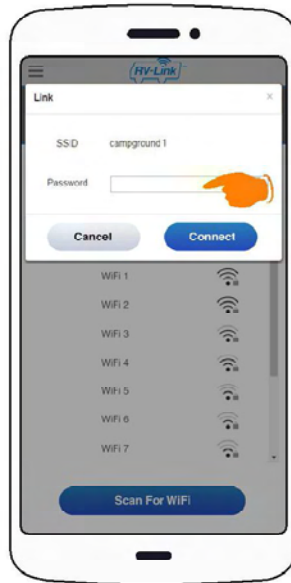
Establish a WiFi Connection

Step 7

Wait until the scanning countdown has completed.

The Available WiFi List screen will appear. Click on the WiFi Network that you would like the Router to connect to.

If scanning does not happen automatically you may need to complete the **"Reboot"** instructions on Page 12.

Step 8

The password pop-up window will appear. Type in the password for the chosen WiFi host and click on the **Connect** button.

**Please acquire password from WiFi Host at your location.**

If previously connected, the password will refresh automatically from your connection history.

Step 9

Wait until the connecting countdown has completed.

If the unit will not connect at this step, it may not have finished it's 2 minute boot cycle. Start again from Step 1 and wait 2 minutes for boot cycle to complete.
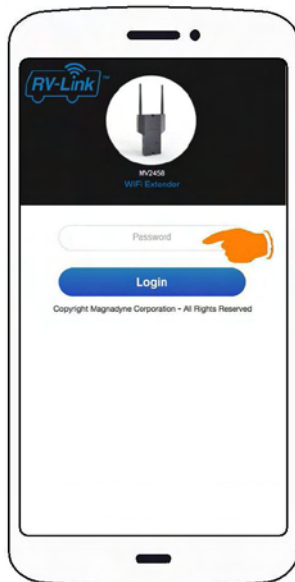
Step 10

The Login screen will open. In the Password field type in the password **admin** and click the **Login** button. If login is successful, unit will proceed to **Step 12**.

Password: **admin**
*Case Sensitive

Step 11

If the password was **not** typed correctly a pop-up window will appear stating that the connection to the Network failed. Click the **OK** button. The unit will return to **Step 7** and scan again.

Double check that you are typing the correct Network password in.

Step 12

The Status Screen will appear showing the connected Network under the title MV2400 (Outside) Information.
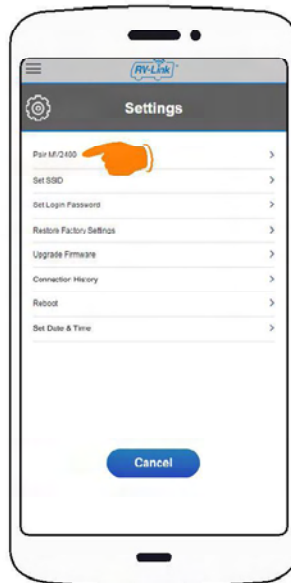
Congratulations, Setup Complete.

Pair MV2400

The MV2458 and MV2400 have been designed to operate cabled by Ethernet or wirelessly. If the WiFi system is used wirelessly the MV2400 must be paired to the MV2458 for proper operation.
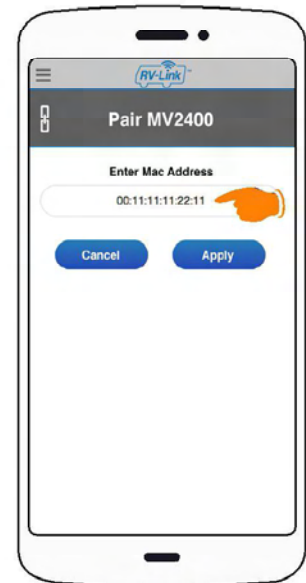

Step 1

Select **Settings** from the drop-down menu.


Step 2

In Settings select **Pair MV2400**.

Step 3

In the field Enter Mac Address enter the MAC address listed in the user's manual or the address listed on the device.

The MAC address will have the format of XX:XX:XX:XX:XX:XX (Example 40:a5:ef:e1:e2:e9).

It is important to enter this number exactly as displayed on the device or in the user's manual. The MAC address you enter MUST match the device you are connecting to.
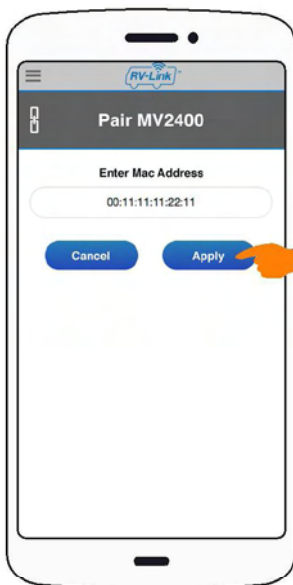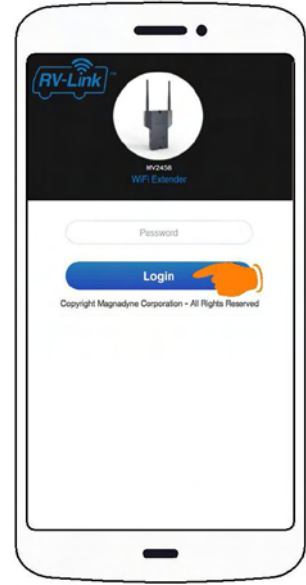

Step 4

After entering the MAC address click the **Apply** button.

Step 5

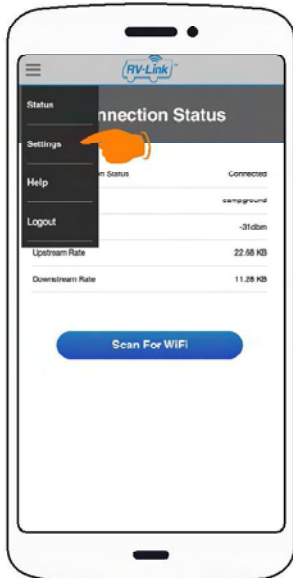Wait until the Pair MV2400 countdown has completed.

Step 6

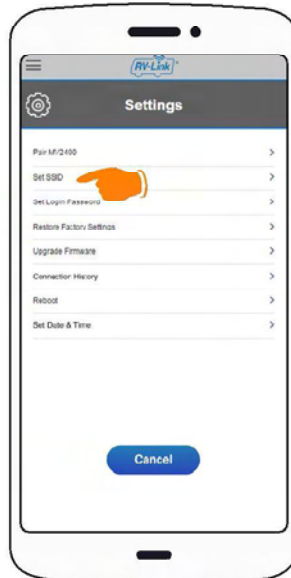Return to Page 3, Step 6 of "**Establish a WiFi Connection**".

Set SSID

Personalize your WiFi experience and increase the security of your MV2458 wireless network by changing the SSID and Password.
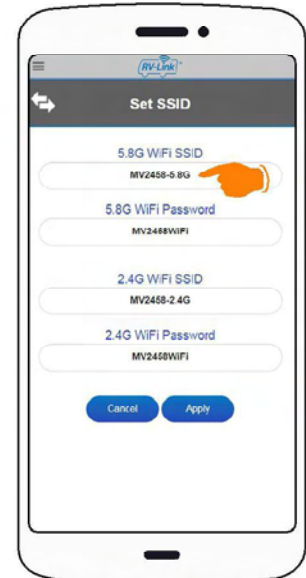
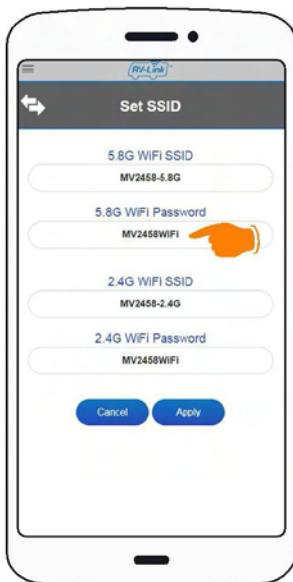## Step 1

Select **Settings** from the drop-down menu.

Step 2
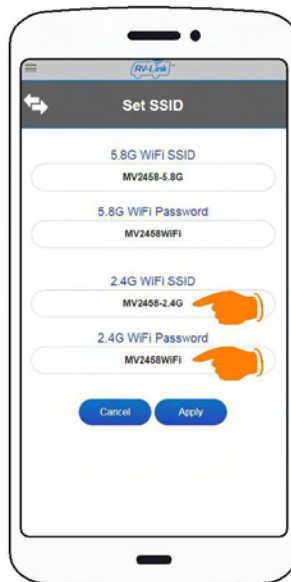
In Settings select **Set SSID**.

Step 3

In the field under 5.8G WiFi SSID replace the default name MV2458-5.8G with a name of your choice.

Step 4

If you would like to change the required password to connect to the 5.8G WiFi SSID, enter a new password in the field 5.8G WiFi Password to replace the default MV2458WiFi.

Step 5

Repeat this process for the 2.4G WiFi SSID and 2.4G WiFi Password to personalize your connection names and passwords.
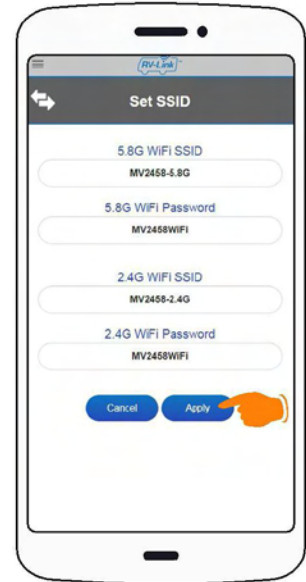
Step 5

Click **Apply**. Wait until the Set SSID countdown has completed.

Return to Page 3, Step 2 of "**Establish a WiFi Connection**" and use new SSID & Passwords.

Please note - if you forget your login password, just use Option 1 of the "**Restore Factory Settings**" instructions.

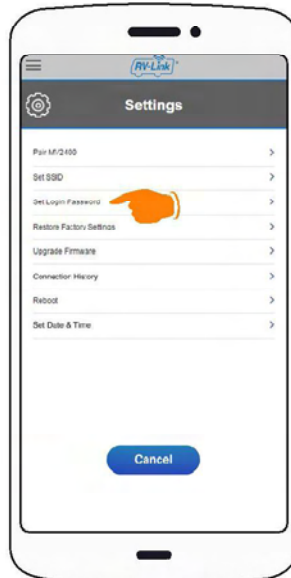# Set Login Password

After initial setup, it's recommended that the default login password be changed. **admin** is the default password.
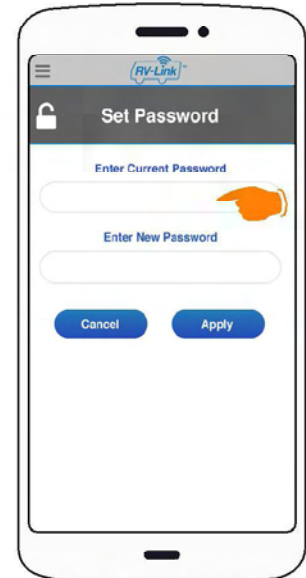

Step 1

Select **Settings** from the drop-down menu.

Step 2

In Settings select **Set Login Password.**

Step 3

In the field Enter Current Password type in the current password used to login to the application.
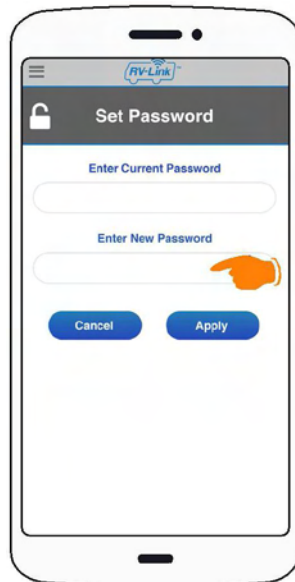
Step 4

In the field Enter New Password type in the new password to be used to log in to the application.
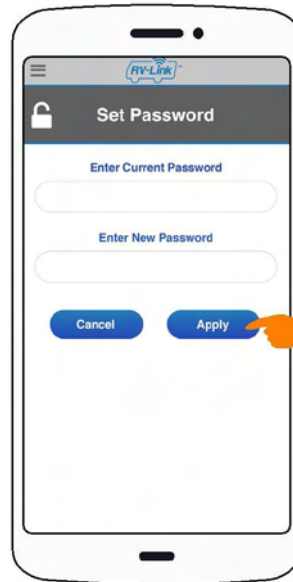
Step 5

Click **Apply**.

Wait until the Set Login Password countdown has completed.

Return to Page 3, Step 2 of "**Establish a WiFi Connection**" and use new password.

Please note - if you forget your login password, just use Option 1 of the "**Restore Factory Settings**" instructions.

Restore Factory Settings - Option 1

The RV WiFi system can be restored to factory default settings if it is not functioning correctly. Option 1 resets the system by depressing the reset button on the bottom of the MV2458. (This option may be necessary if you forget your admin password. Default passwords will apply after reset.)

Hold for 8 Sec

Step 1

Make sure the MV2458 is powered on and wait approximately 2 minutes for it to completely start up.

Step 2

Using a paper clip, press and hold the reset button located on the bottom of the MV2458 for approximately 8 seconds and then let go.

The WiFi symbol light will go out and the MV2458 will restore to factory settings.

Step 3

Wait approximately 2 minutes then return to Page 3, Step 2 of "**Establish a WiFi Connection**"

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Restore Factory Settings - Option 2

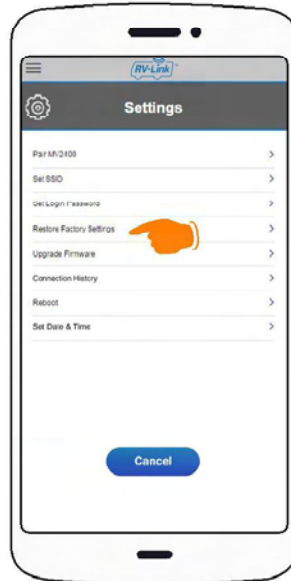Option 2 uses the in-software restore option. This option can be used to reset both MV2458 (inside unit) and MV2400 (outside unit) back to factory defaults.

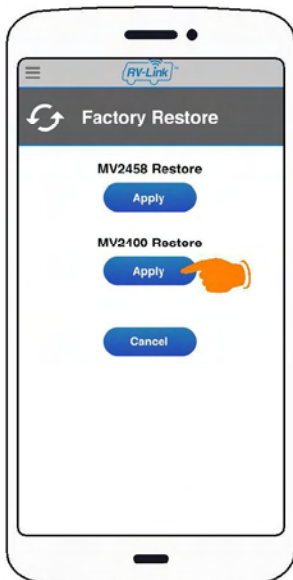**Step 1**

Select **Settings** from the drop-down menu.

Step 2

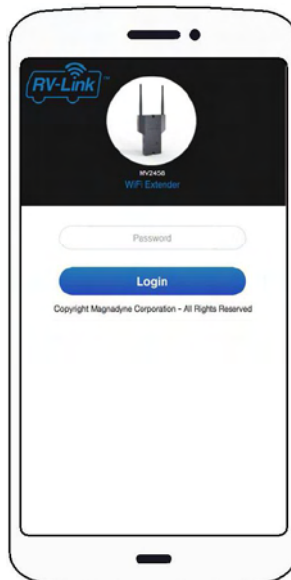In Settings select **Restore Factory Settings**.

Step 3

If you want to restore both units to factory settings, first restore the MV2400 and then restore the MV2458.

Step 4

To clear and restore the MV2400 to factory settings click the **Apply** button below MV2400 Restore.

Wait until the MV2400 Restore status bar has completed.

Step 5

When complete, you will be taken to the Login screen.

Return to Page 3, Step 6 of "**Establish a WiFi Connection**" and use the appropiate password. If the password has not been changed then use **admin** to login.
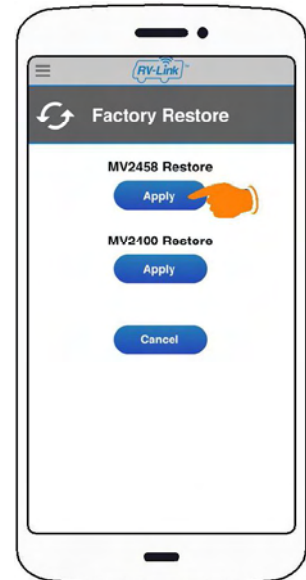
Step 6

To clear and restore the MV2458 to factory settings click the **Apply** button below MV2458 Restore.

Wait until the MV2458 Restore status bar has completed. All settings will be restored to default.

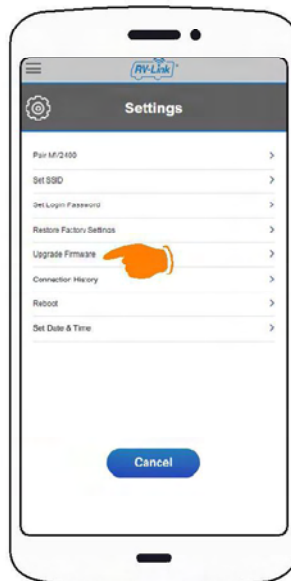Return to Page 3, Step 2 of "**Establish a WiFi Connection**".

Upgrade Firmware

As improvements become available, it may be necessary to upgrade the Firmware of the MV2400 and MV2458. Check for upgrades at **www.Magnadyne.com**. A PC may be needed to download & perform upgrade.
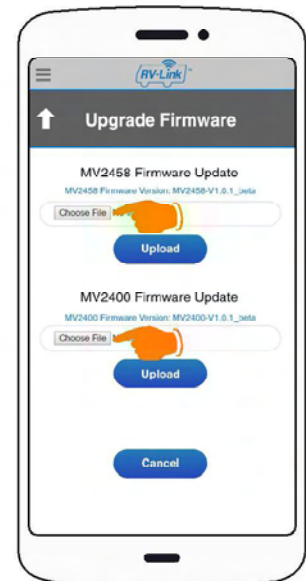

Step 1

Select **Settings** from the drop-down menu.

Step 2

In Settings select **Upgrade Firmware**.

Step 3

For either the MV2400 or the MV2458 click the **Choose File** button to select the firmware update file that you will be using. This file must be accessible by the device you are using to perform the update.

Step 4

Once the file is selected the file name will be displayed in the field next to the Choose File button.

Step 5

Click the **Upload** button located below the file name. The device will begin the update process. Follow on screen prompts.

Do NOT turn off the power.
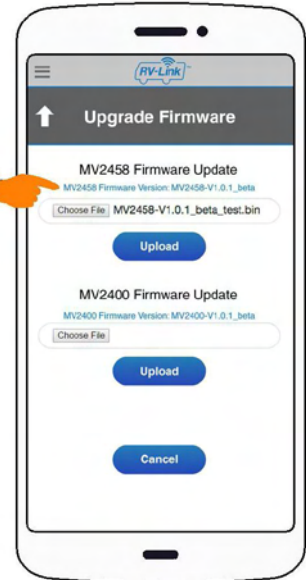
Step 6

After the update is complete, navigate to the Upgrade Firmware Screen in **Step 3** and check the file name (located above the Choose File button) to make sure the update installed correctly.

Connection History

The connection history page shows past WiFi connections that have been made. If a previously visited WiFi location is no longer working for you, clearing the history and reestablishing the WiFi connection may solve your issue.

Step 1

Select **Settings** from the drop-down menu.
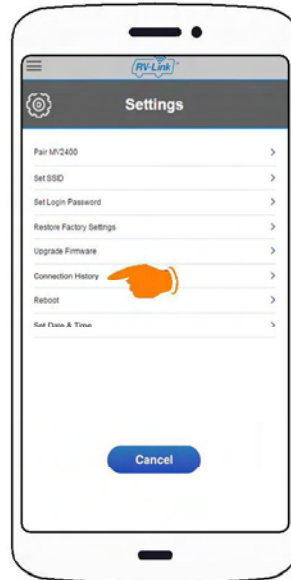
Step 2

In Settings select **Connection History**.

Step 3

The history can be cleared by pressing the **Clear All** button.

Wait until the Connection History countdown has completed.

Step 4

When complete, you will be taken to the Login screen.

Reboot

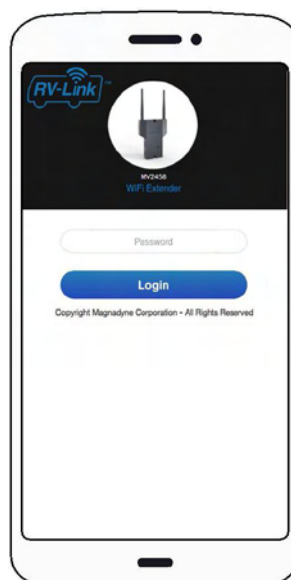Occasionally you might have connection issues or difficulty connecting new devices to your MV2458, to fix this you can reboot the system.

A reboot is not the same as Restore Factory Settings. A reboot only instructs the devices to refresh and start up again, it does not delete any of the settings.

Step 1

Select **Settings** from the drop-down menu.
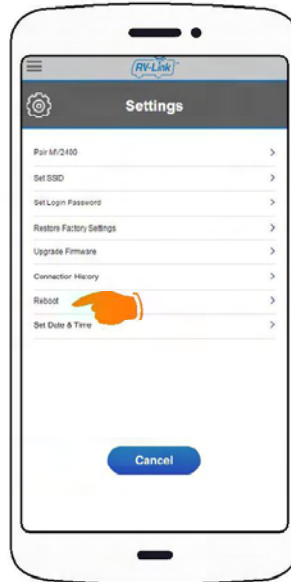
Step 2

In Settings select **Reboot**.

Step 3

Click the **Apply** button and the entire system (MV2400 and MV2458) will reboot (approx. 45 sec.).

Step 4

Wait until the Reboot countdown has completed.
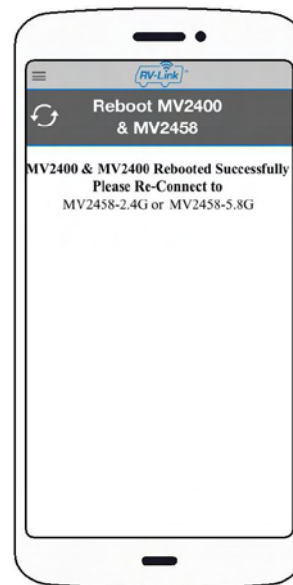
Step 5

Return to Page 3, Step 2 of **"Establish a WiFi Connection"**.

Set Date & Time
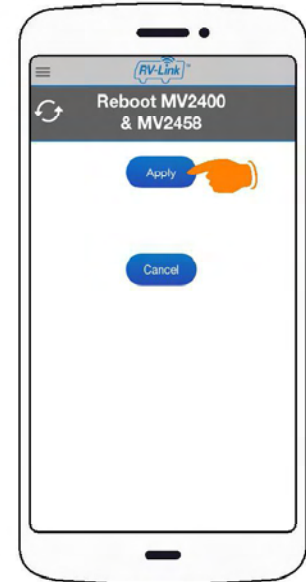
Your MV2458 has the ability to automatically synchronize date and time with the device you are using to run the application. If it has become desynchronized, follow the steps below to resynchronize.

Step 1

Select **Settings** from the drop-down menu.

Step 2

In Settings select **Set Date & Time**.

Step 3

Click the **Apply** button.

Step 4

Wait until the reboot countdown has completed.

Step 5

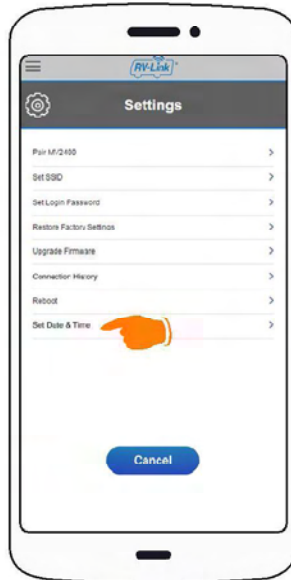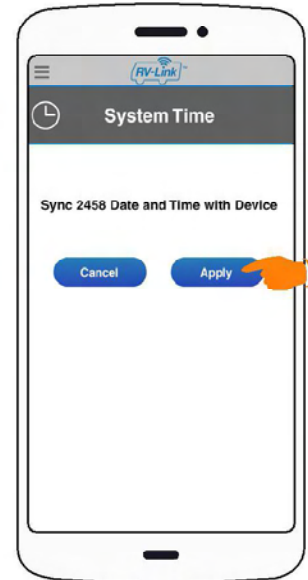Return to Page 3, Step 2 of "**Establish a WiFi Connection**".

Remarks:

FCC Statement

This equipment has been tested and found to comply with the limits for a Class
B digital device, pursuant to Part 15 of the FCC Rules. These limits are designe
d to provide reasonable protection against harmful interference in a residential in
stallation. This equipment generates uses and can radiate radio frequency energy an
d, if not installed and used in accordance with the instructions, may cause harmf
ul interference to radio communications. However, there is no guarantee that interf
erence will not occur in a particular installation. If this equipment does cause
harmful interference to radio or television reception, which can be determined by
turning the equipment off and on, the user is encouraged to try to correct the
interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
--
  Connect the equipment into an outlet on a circuit different from that to which
  the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the
  following two conditions:(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that
may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compli
ance could void the user's authority to operate the equipment.
For 5150-5250MHz, please uesd the device indoor only.

This equipment complies with FCC radiation exposure limits set forth for an uncont
rolled environment. This equipment should be installed and operated with minimum di
stance 20cm between the radiator & your body.