

RV2458 Router User Manual



Stat	us
MV2400 (Outsid	le) Information
Connection to WiFi	Connected
Connected to	campground 1
Link Strength	-60dbm
Link Speed	54MBits/s
Connected Users	1
Date & Time	06-13-17 / 22:05:03

For Technical Assistance, please call (800) 638-3600, or visit www.magnadyne.com

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Establish a WiFi Connection

To access the internet using the RV2458(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

👓 Verizon 😤	6:42 AM	7 0 8 85% 🔳
Settings	Wi-Fi	
Wi-Fi		
 MV2458-2 Security Record 	2.4G) • = 1
CHOOSE A NETW	/ORK	
MV2458-5	5.8G	₽ 奈 ()
Other		
Ask to Join Ne	etworks	
Known networks networks are avai new network.	will be joined autom lable, you will be asl	atically. If no known ked before joining a

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

Establish a WiFi Connection

(*	Available WiF	i List
·		Liot
	SSID	Info
	campground 1	
	campground 2	
	campground 3	
	WiFi 1	
	WiFi 2	
	WiFi 3	
	WiFi 4	(
	WiFi 5	() ()
	WiFi 6	
	WiFi 7	
	Scan For Wil	Fi

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 the scroll bar isn't showing and you are using a Mac Computer, move the cursor up and down over the SSID names and the scroll bar should appear.)

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



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

ink		
SSID	campground 1	
Password		1
Can	icel	Connect
	WiFi 1	
	WiFi 2	
	WiFi 3	((***
	WiFi 4	(î=
	WiFi 5	() •
	WiFi 6	() ()
	WiFi 7	() ()
	Scan For Wif	-1

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.

192.168.10.1 says:	
Connection to Campground 1 failed	81
	OK Cancel
MV2400 to MV2458 Pairing	Paired
Connected Users	1
Date & Time	06-13-17 / 22:05:03
Scan For Wi	Fi
Scan For Wi	FI

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.

	•
	(RV-Link)*
(í:	Connecting
	Please wait 17 seconds

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.

ᅙ Statu	IS
MV2400 (Outside	e) Information
Connection to WiFi	Connected
Connected to	campground
Link Strength	-60dbr
Link Speed	54MBits/
MV2400 to MV2458 Pairing Connected Users	Paired
Date & Time	06-13-17 / 22:05:00

Step 12

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

Congratulations, Setup Complete.

Pair RV2400

The RV2458(MV2458) and RV2400(MV2400) have been designed to operate cabled by Ethernet or wirelessly. If the WiFi system is used wirelessly the RV2400(MV2400) must be paired to the RV2458(MV2458) for proper operation.

-	
= (<u>HV-1</u>	
tatus Stat	tus
ettings	
00 (Outsid	de) Information
Elp Fi	Connected
ogout	campground 1
LINK Strength	-60dbm
Link Speed	54MBits/s
MV2400 to MV2458 Pairing Connected Users	Paired 1
Connected Users	1
Date & Time	06-13-17 / 22:05:03
Scan Fo	or WiFi

= (<u>RV-Link</u>)*	
Settings	
Pair MV2400	
Set SSID	
Set Login Password	
Restore Factory Settings	
Upgrade Firmware	
Connection History	
Reboot	
Set Date & Time	
Cancel	

Step 2

Step 1

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

In Settings	select	Pair	MV2400.
-------------	--------	------	---------

	•
≡	(RV-Link)~
8	Pair MV2400
	Enter Mac Address
	00:11:11:122:11
	Cancel Apply
	Cancer
\square	

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: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 RV2458(MV2458) wireless network by changing the SSID and Password.



Image: Settings Settings Part M2420 Bet SS0 Set Login Pasacot Restore Factory Settings Oprace Firmazie Connection Heatory Set Date & Time

Step 2

In Settings select Set SSID.



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 3

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

	(RV-Link)	
←	Set SSID	
	5.8G WiFi SSID	
	MV2458-5.8G	
	5.8G WiFi Password	
	MV2458WiFi	
	2.4G WiFi SSID	
	MV2458-2.4G	
	2.4G WiFi Password	
	MV2458WiFi	
	Cancel Apply	

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.

menu.

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.

RV-Link	
) Settings	
Pair MV2400	
Set SSID	
Set Login Password	
Restore Factory Settings	
Upgrade Firmware	
Connection History	
Reboot	
Set Date & Time	
Cancel)

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 RV2458(MV2458). (This option may be necessary if you forget your admin password. Default passwords will apply after reset.)



Step 1

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



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"

Restore Factory Settings - Option 2

Option 2 uses the in-software restore option. This option can be used to reset both RV2458(MV2458) (inside unit) and RV2400(MV2400) (outside unit) back to factory defaults.





Step 2

In Settings select **Restore Factory Settings**.



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 3

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

•
Factory Restore
MV2458 Restore
Apply
MV2400 Restore
Apply
Cancol

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".

Step 1

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



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.

Upgrade Firmware

As improvements become available, it may be necessary to upgrade the Firmware of the RV2400(MV2400) and RV2458(MV2458). Check for upgrades at **www.Magnadyne.com**. A PC may be needed to download & upgrade.



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.

Status Statu	e
Settings) Information
Fi	Connecter
.ogout	campground
Link Strength	-60dbr
Connected Users	
Connected Users Date & Time	06-13-17 / 22:05:00

Step 1

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

Settings Part Mr2403 Set 58D Set Lopin Paravord Restor Pactory Settings Upgrade Firmware Connecton Heatory Reboot Set Date & Time Cancel		
Part IN/2402 Set SSD Set Login Passeord Restore Pactory Settings Uogode Firmeare Connection History Reboot Set Date & Time	_⊜} Settings	
Set SSD Set Login Parsend Restore Factory Settings Upgrade Firmane Connection History Rebot Set Date & Time Cancel	Pair MV2400	
BetLopin Passentd Reston Functory Settings Upgrade Finneare Connection History Reboot Set Date & Time Cancel	Set SSID	
Restore Factory Settings Upgrade Pitmane Connection Hadory Reboot Set Date & Time Cancel	Set Login Password	
Uggade Filmaale Connection Hatory Reboot Set Date & Time Cancel	Restore Factory Settings	
Connection Hadry Reboot Set Date & Time Cancel	Upgrade Firmware	
Rebot: Set Date & Time Cancel	Connection History	
Set Date & Time Cancel	Reboot	
Cancel	Set Date & Time	
	Cancel	

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 RV2458(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.

In Settings select Reboot.

Step 3

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



Wait until the Reboot countdown has completed.



Step 5

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

Set Date & Time

Your RV2458(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.



= (<u>HV-Link</u>)	_
Settings	
Pair MV2400	,
Set SSID	;
Set Login Password	;
Restore Factory Settings	;
Upgrade Firmware	2
Connection History	;
Reboot	;
Set Date & Time	2
Cancel	



Step 1

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



In Settings select Set Date & Time.

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".

& Time.