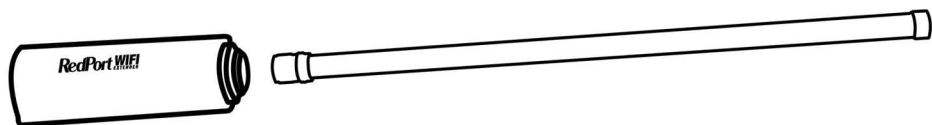


# RedPort™

Halo Long Range WiFi Extender

## Quickstart Guide and Setup Manual

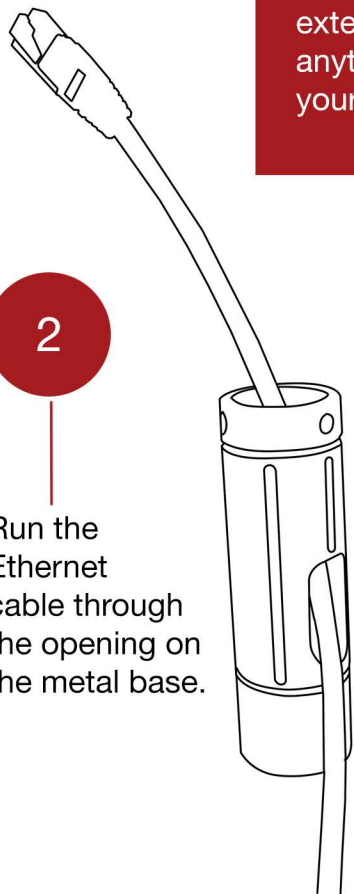


Attach antenna to extender.

1

## Important!

You must attach the antenna to the extender FIRST before connecting anything else. Failing to do so may short your equipment.

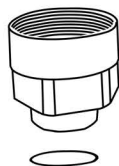


2

Run the Ethernet cable through the opening on the metal base.

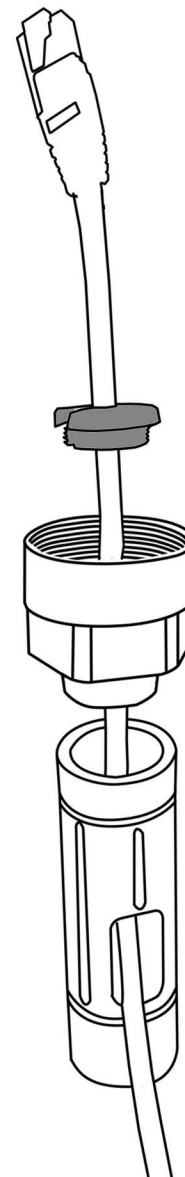
3

Put the o-ring around the bottom part of the middle threaded connector.



4

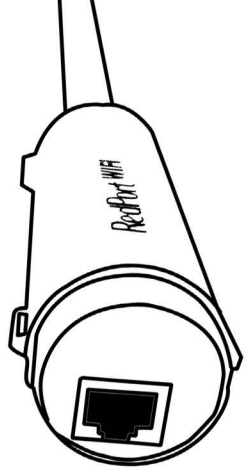
Run the Ethernet cable through the pieces as shown.



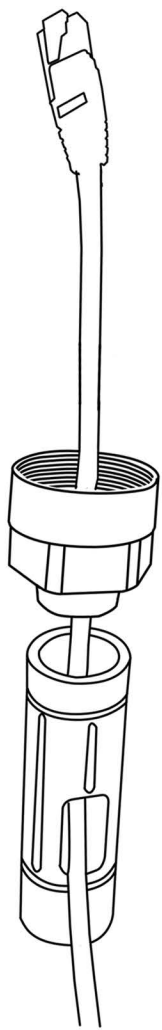
5

Push gray plastic gasket into the hole. Will not create water-tight seal (add silicon if you wish).



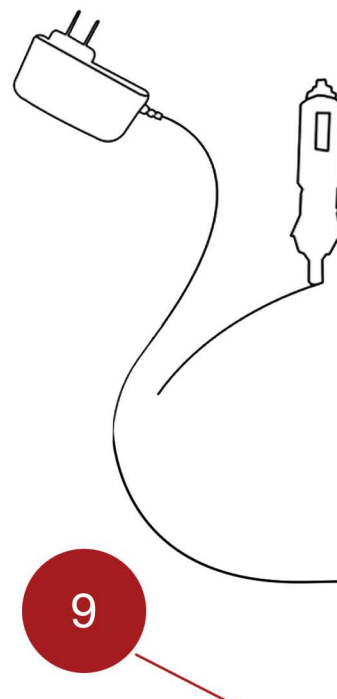
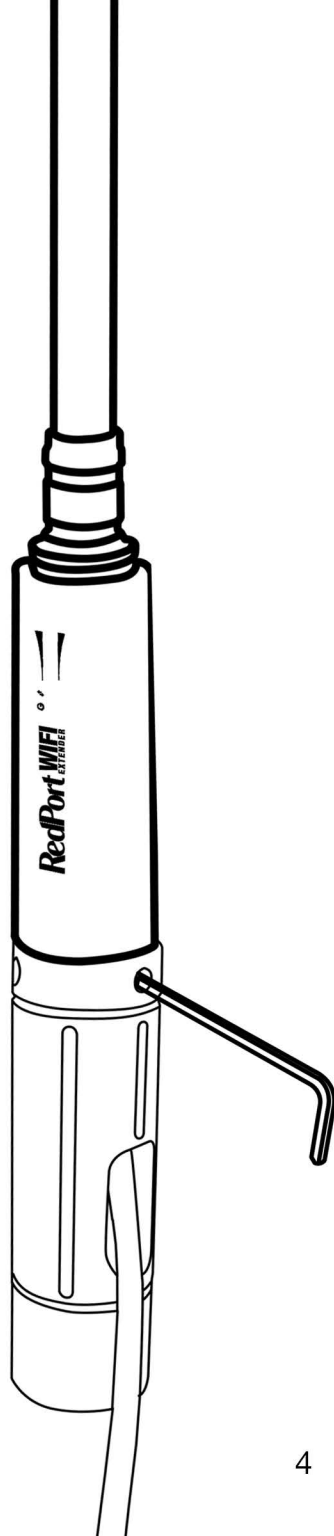


Plug in the Ethernet cable into the Ethernet port on the base of the extender.



Screw together all components, careful to not thread the extender connectors.

Then screw in small connector screws into metal base using provided allen wrench.



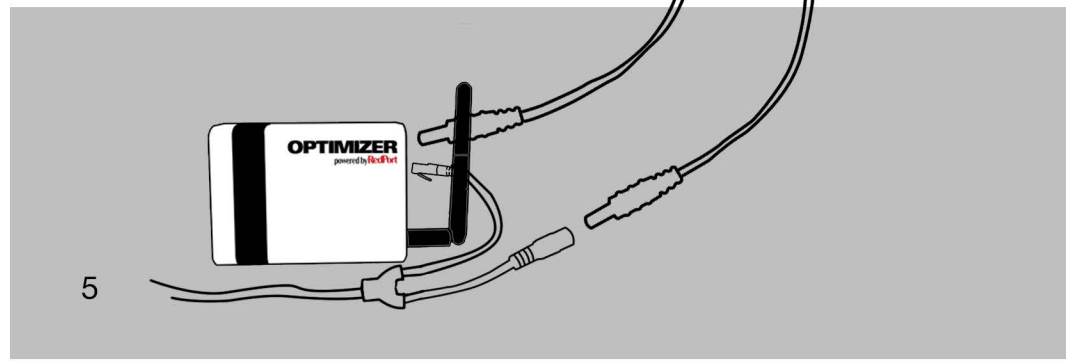
Plug Y-cable into either provided 110-220V AC adapter or optional 12V "Cigarette Plug" adapter (sold separately).



Plug WiFi Extender Ethernet cable into Optimizer LAN Port.

Take the Y-cable provided and connect one barrel connector into the Optimizer power port.

Plug the other barrel connector into the power cable for the WiFi Extender.



# Configuring Optimizer to Use the WiFi Extender

## Step 1

WiFi-connect to the Optimizer

## Step 2

Use a web-browser to go to this URL: 192.168.10.1

Optimizer's login screen will appear.

## Step 3

Login with the following information:

**Username:** admin

**Password:** webxaccess

The WiFi Extended Setup section of the Optimizer home page should be visible. (This section only appears if the Extender is plugged into the LAN port of the Optimizer and the Extender is powered on. If either of those conditions is not met, then this section will not be visible in the Optimizer interface).



## Step 4

Connect to the external WiFi network by clicking on the <Connect> button.

## Step 5

You are now in the “Wireless Overview” tab. You need to scan for available WiFi networks in order to connect.



Hit <Scan>

Select the WiFi network you want to connect to and press <Join Network>

## Step 6

Enter in the password for the WiFi network (if required)

Hit <Submit>

## Step 7

Select <Save & Apply> to confirm that you want to connect to that WiFi network. Until you are connected, the signal strength will say 0%.

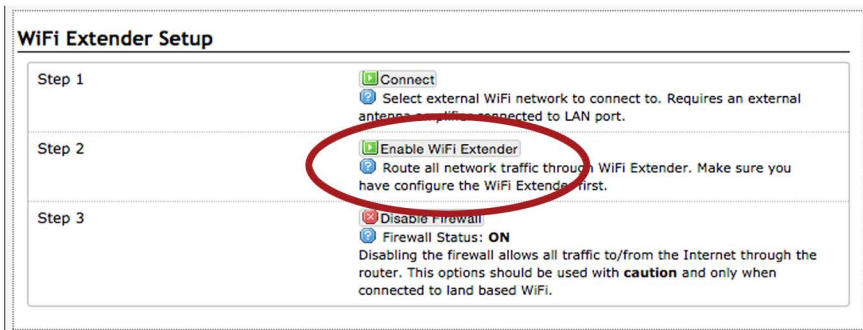
Click on the Home tab to go back to the Home screen.



# Routing Network Traffic

Because Optimizer can be used to connect to a number of different networks (like satellite, for example) you need to tell it to route traffic through the WiFi Extender.

On the Wireless Overview page select:  
<Enable WiFi Extender>



(You may be asked to re-enter your username and password. Reference these under Step 2).

All traffic is now routed through the WiFi Extender.

If you want to stop using the WiFi Extender (say, if you want to route traffic through your satellite device again), simply select <Disable WiFi Extender>

## Managing the Firewall

By default, the firewall is enabled. This means that all traffic from your computer or mobile device is blocked from the Internet except for RedPort compression software.

*(Optimizer-compatible compression services include XGate and XWeb, OCENS Mail, Satphone.me, and many more. See [www.redportglobal.com](http://www.redportglobal.com) for a full list of compatible compression data services).*

This setting is recommended when using the WiFi Extender in areas where there may be many users competing for the WiFi network bandwidth thereby causing slow and painful internet connections.



If you want full access to the Internet (for example, for syncing a program or accessing services or apps that are being blocked (ie: streaming video), you must disable the firewall.

To disable the firewall, hit <Disable Firewall>

To disconnect from the WiFi Extender, select <Disable WiFi Extender>

Once disabled, the Firewall will turn back on automatically. If Optimizer is powered on and off, the Firewall will come back on automatically.

# Troubleshooting

If you are unable to establish a connection to the long distance WiFi, please send an email to the technical support department of the dealer from whom you purchased the Halo equipment. Please include the following information:

1. Are there lights on for both Optimizer and the WiFi Extender?
2. Is the Ethernet cable from the WiFi Extender plugged into the LAN port of the Optimizer?
3. When you access the Optimizer interface, do you see a section called “WiFi Extender Setup?”
4. When you look at the available networks, please tell us how much signal strength Optimizer has (should be identified as wxa-XXXX).

Please note that you are using the RedPort Halo WiFi Extender system and submit your answers in an email to your dealer.