Step 1 - Connect WiFire Remote to the Internet

Becoming Familiar with the WiFire Remote

WIFIRE Remote sold by MyFireplaceBlower.com
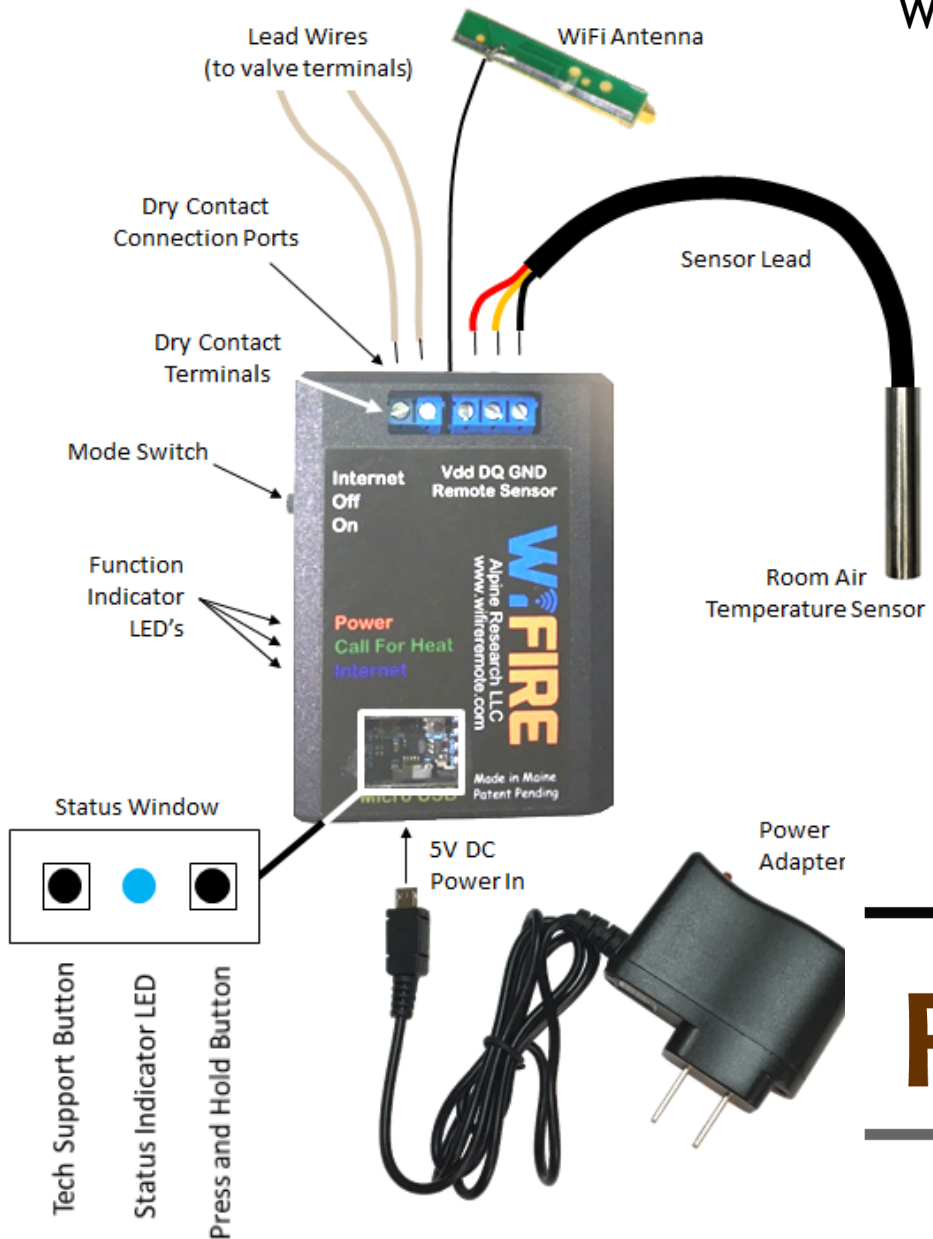
www.MyFireplaceBlower.com
1-800-466-4045

Lead Wires (to valve terminals)

WiFi Antenna

Dry Contact Connection Ports

Dry Contact Terminals

Mode Switch

Internet
Off
On

Vdd DQ GND
Remote Sensor

Sensor Lead

Room Air Temperature Sensor

Function Indicator LED's

Power
Call For Heat
Internet

WiFIRE
Alpine Research LLC
www.wifireremote.com

Made in Maine
Patent Pending

Status Window

5V DC Power In

Power Adapter

Tech Support Button

Status Indicator LED

Press and Hold Button

MY FireplaceBlower

Note: Alpine Research recommends that the WiFire Remote is used exclusively on gas heating appliances.

Note: *existing appliance must be in safe operating condition before attempting to operate from a remote source.*

The ability to control your gas fireplace or heating appliance from literally anywhere requires that your smart device or computer have the ability to communicate with your fireplace through the WiFire Cloud via the internet.

The WiFire Remote will be wired to your gas fireplace or heating appliance and provide this means of communication once it establishes a connection with the Wi-Fi Router in your home (or fireplace location) to access the internet, and in turn, to the WiFire Cloud. This will provide you the means to control your fireplace from anywhere you have access to a browser.

Initially establishing this connection between the WiFire Remote and the WiFire Remote Cloud will require a smart device or computer that is accessing the internet via a Wi-Fi connection. This can be an Android, PC running Windows, a Macintosh, a smartphone or a tablet.

While the instructions for connecting the WiFire Remote to the internet using each of these devices differ slightly in detail, they each will follow the same general process.
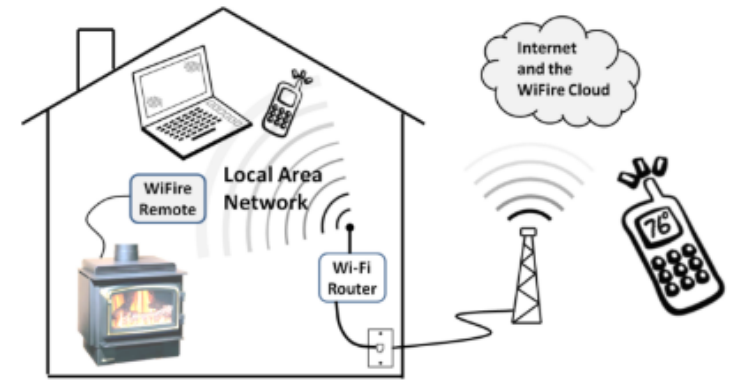
Power-Up WiFire Remote To Acquire Listening Mode

Regardless of what type of computer you will be using to complete this Step 1 (an iPad or iPhone, Android, Windows PC or Mac) the WiFire Remote will need to be in 'Listening Mode'.

In "Listening Mode" your WiFire Remote broadcasts its network name so that the computer being used in this initial step can find it. The network name broadcasted begins with "Photon" and is followed by 4 other random characters.

Plug the micro USB into the WiFire Remote port and plug the power supply into a standard 110 volt home receptacle. The WiFire Remote has been programed to power-up in listening mode; the Status Indicator LED will flash blue, indicating the WiFire Remote is in Listening Mode.

If the Status Indicator LED is not flashing blue, then the WiFire Remote did not automatically power-up in Listening Mode. No worries, simply press and hold the 'Press and Hold Button' using the eraser of a No 2 pencil (or something similar) until the Status Indicator LED blinks blue.

Once Listening Mode has been acquired, the WiFire Remote is broadcasting its network name so that the computer being used to provide the WiFire Remote with internet access can find it.

Note: *it is required that the device being used to complete this Step 1 be connected to the Wi-Fi Network, that is accessible in the fireplace location, via a wireless connection.*

Next, chose the 'Connection Instructions' link for the type of device that you will be using to complete Step 1.

Connection Instructions Using An Android Device

Connect Your Android Device to the Local Area Network

Connect the Android device to the Local Area Network (LAN) using a Wi-Fi connection.
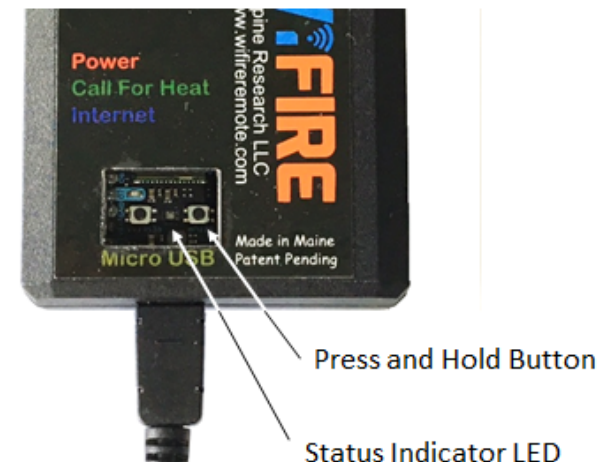
Note: *this step is not required if the Android device is already connected to the internet via the Wi-Fi connection available in the fireplace location.*

On your Android device, go to Settings > Wi-Fi. Select the wireless network that will be available in the fireplace location and enter it's password.

Note: *the only purpose of the Android device in this step is to introduce the WiFire Remote to your Wi-Fi network. Therefore, this setup procedure can be conducted with anyone's Wi-Fi connected computer (such as an installer's or a neighbor's device). Your network password will need to be entered to complete this step.*

Load the Set-Up Web Page

With the Android connected to your LAN, go to **www.wifireremote.com** (do not sign in). Choose 'How It Works' and select 'Installation' as shown in Figure 1.
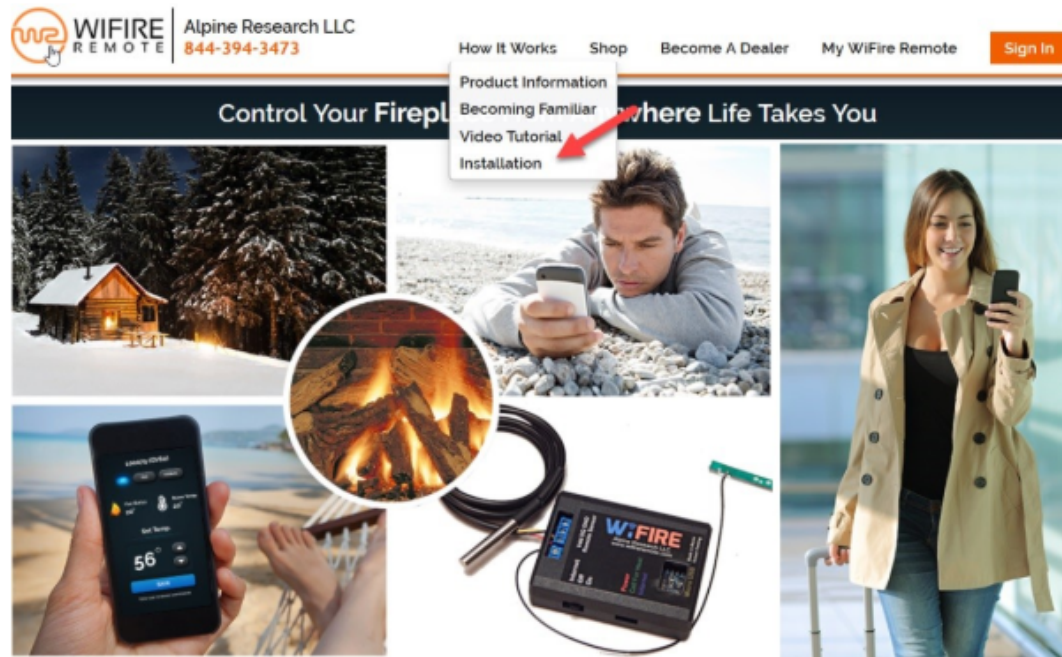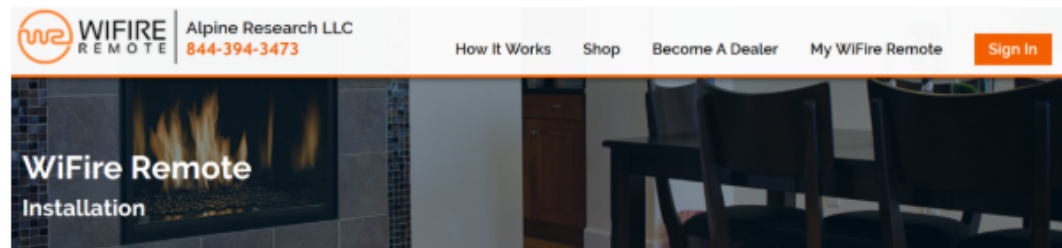

Figure 1: WiFire Remote Home page

Choose 'Set-Up Wi-Fi' as shown in Figure 2. Once on the 'Set-Up Wi-Fi' page, it is important that you DO NOT select Show Available Wi-Fi Networks at this time.

Installation

Installing the WiFire Remote gives you control of your gas fireplace from anywhere with an internet connection. It can be controlled with any smart device (iPhone, iPad, Android) or internet connected computer (PC, Mac). There must be a wireless network (Wi-Fi) available at the fireplace location.

There are three main steps required in setting up your WiFire Remote. The links below outline each in detail and must be completed in order:

Note: we recommend that you review each of the following steps before you begin to become acquainted with the process. If, for any reason, you would prefer the WiFire Remote be installed by a Hearth Professional, please contact your local Hearth Dealer.

Step 1 – Connect the WiFire Remote to the Internet
Step 2 – Register Primary User's First WiFire Remote
Step 3 – Install the WiFireRemote

| Register First WiFire Remote | Register Additional WiFire Remote | Set-Up Wi-Fi |

Figure 2: WiFire Remote Installation page

Connect to the WiFire Remote "PHOTON" Signal

Confirm that WiFire Remote is in listening mode; the Status Indicator LED in the Status Window will be blinking blue. This ensures the WiFire Remote is broadcasting its "Photon" signal so that it can be found by your Android device.

While the 'Set-Up Wi-Fi' page remains loaded on your Android (do not end it), return to Settings > Wi-Fi.

Figure 3: Android Settings > Wi-Fi screen

Select the "Photon" network. This is the network associated with the WiFire Remote and by selecting it you are connecting your Android to WiFire Remote.

Introduce WiFire Remote to your Network

With your Android device now connected to WiFire Remote, return to the 'Set-Up Wi-Fi' page previously opened on your Android.

WIFIRE REMOTE | Alpine Research LLC 844-394-3473   How It Works   Shop   Become A Dealer   My WiFire Remote   Sign In

Set-Up WiFire Remote Network

With the WiFire Remote in 'Listening Mode', the Status Indicator LED will be flashing blue and the WiFire Remote will be broadcasting the name of its network. The WiFire Remotes network will be called 'Photon', followed by 4 random characters.

Leave this page open while you access (or return to) the network selection area of your computer, iPhone or Android. Choose the 'Photon' network, and return to this page.

Once you are connected to the WiFire Remote 'Photon' network, select the 'Show Available Wi-Fi Networks'. (**DO NOT SELECT** the 'Show Available Wi-Fi Networks' link prior to being connected to the Photon network).

Show Available Wi-Fi Networks

(Please refer to 'Step 1 Connect WiFire Remote to the Internet' on the installation page for complete instructions)

Important: Once you have selected 'Show Available Wi-Fi Networks' and completed the steps, remember to reconnect your computer, iPhone or Android to its original network.

Figure 4: WiFire Remote Set-Up Wi-Fi page

Select the Show Available Wi-Fi networks link. This prompts the web page to scan for available Wi-Fi network signals and present them for selection.

Select your household Local Area Network.

Select WiFi Network

WiFi network	Signal Strength	Security	Cha
DIRECT-x8C1860 Series	-46	wpa2_aes	:
CenturyLink6133	-85	wpa2_aes	
wifi-01	-60	wpa2_mixed	

wifi-01 Password: [••••••••••••••••|]   **Join**

Figure 5: Choose your network

Enter your password.

Select WiFi Network

WiFi network	Signal Strength	Security	Cha
DIRECT-x8C1860 Series	-46	wpa2_aes	:

Figure 6: Enter the network password

Note: *If you are unsure which detected network is yours, the network name, or SSID, and password can usually be found on the bottom of the router.*

Since your Android device is still connected to the WiFire Remote, it can pass information along to the WiFire Remote. When you select the LAN, the Android is introducing the WiFire Remote your network.

Note: *The signal strengths are shown for each of the networks that were detected. The signal strength of your LAN should be between -1 and -60. Above -70 the WiFire remote may periodically lose connection or may not connect at all.*

After your password is entered and 'Join' is selected, the Status Indicator LED on the WiFire Remote will change colors, blink, and finally turn to a blue/green color that slowly pulsates or "breathes".

Take a look at the Function Indicator LED's on the side of the WiFire Remote. The red "Power" LED should be on, indicating that WiFire Remote has power. The blue "Internet" LED should be on, indicating that the WiFire Remote is connected the WiFire Remote Cloud and is fully functional.

Reconnect Your Android Device Back to Your Wi-Fi Network

Your Android device is still connected to the WiFire Remote and can now be reconnected to your LAN.

Congratulations! You have completed Step 1 and your WiFire Remote is now connected to the internet. After completing Steps 2 and 3, you will be ready to control your heating appliance from anywhere that you are able to access a browser.

Note: *You may wish to create an icon for convenient access to www.wifireremote.com on the device that you will be using to control your fireplace the majority of the time. If you need further instructions on adding an icon to your Android home screen, visit Google and search "create an Android icon".*

Connection Instructions Using A Windows PC

Connect Your Computer to the Local Area Network

Connect the computer to the Local Area Network (LAN) using a Wi-Fi connection.

Note: *this step is not required if the computer is already connected to the internet via the Wi-Fi connection available in the fireplace location.*

Go to Control Panel, Select Network and Sharing Center, select Change Adapter Settings, and select Connect/Disconnect.

Note: *the only purpose of the computer in this step is to introduce the WiFire Remote to your Wi-Fi network. Therefore, this setup procedure can be conducted with anyone's Wi-Fi connected computer (such as an installer's or a neighbor's device). Your network password will need to be entered to complete this step.*

Load the Set-Up Web Page

With the computer connected to your LAN, go to **www.wifireremote.com** (do not sign in). Choose 'How It Works' and select 'Installation' as shown in Figure 1.
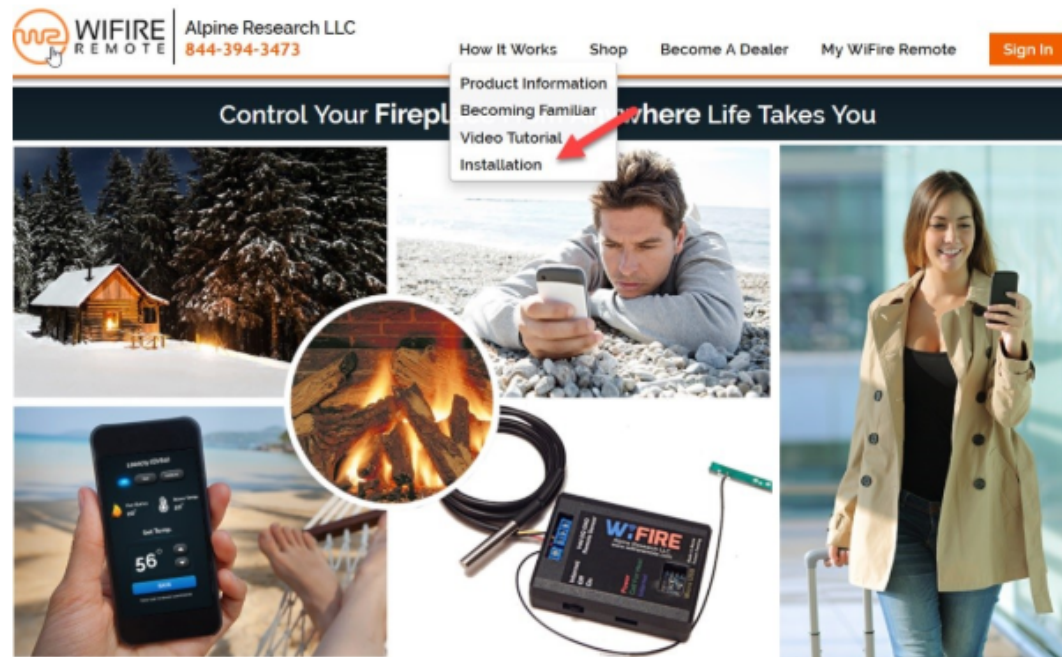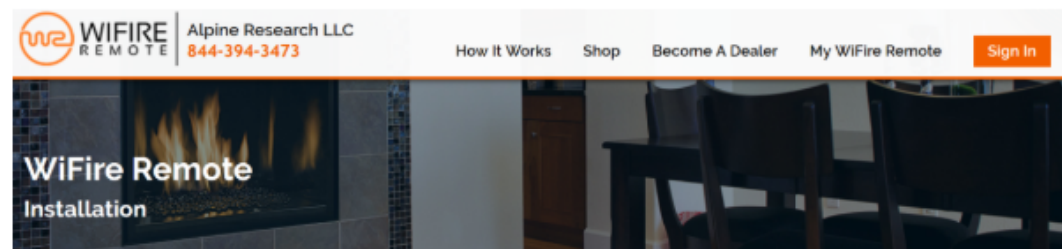

Figure 1: WiFire Remote Home page

Choose 'Set-Up Wi-Fi' as shown in Figure 2. Once on the 'Set-Up Wi-Fi' page, it is important that you DO NOT select Show Available Wi-Fi Networks at this time.

Installation

Installing the WiFire Remote gives you control of your gas fireplace from anywhere with an internet connection. It can be controlled with any smart device (iPhone, iPad, Android) or internet connected computer (PC, Mac). There must be a wireless network (Wi-Fi) available at the fireplace location.

There are three main steps required in setting up your WiFire Remote. The links below outline each in detail and must be completed in order:

Note: we recommend that you review each of the following steps before you begin to become acquainted with the process. If for any reason, you would prefer the WiFire Remote be installed by a Hearth Professional, please contact your local Hearth Dealer.

Step 1 - Connect the WiFire Remote to the Internet
Step 2 - Register Primary User's First WiFire Remote
Step 3 - Install the WiFireRemote

Register First WiFire Remote | Register Additional WiFire Remote | Set-Up Wi-Fi

Connect to the WiFire Remote "PHOTON" Signal

Confirm that WiFire Remote is in listening mode; the Status Indicator LED in the Status Window will be blinking blue. This ensures the WiFire Remote is broadcasting its "Photon" signal so that it can be found by your computer.

With the Set-Up Wi-Fi page open on the computer (leave it running in the background), go to the Control Panel, select Network and Sharing Center, select Change Adapter Settings, then select Connect/Disconnect.

With the WiFire Remote in Listening Mode, the computer will detect the WiFire Remotes Photon signal and list it as an available network. Select the Photon Network. Doing this will connect your computer to WiFire Remote.
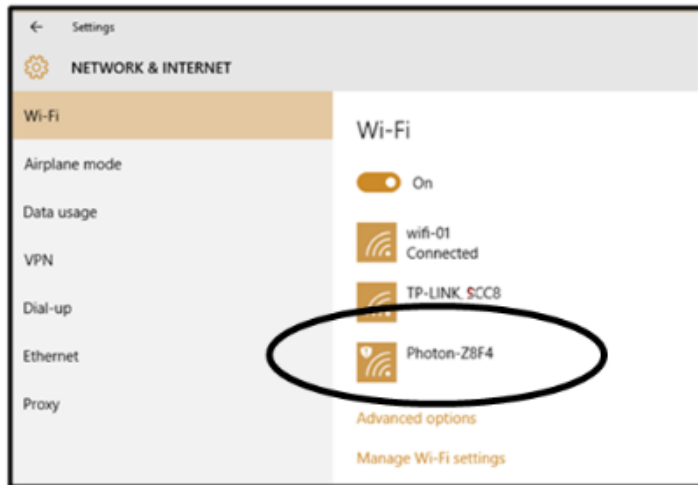
Figure 3: Select Photon network in the Windows Wi-Fi connections

Introduce WiFire Remote to your Network

With your computer now connected to WiFire Remote, return to the 'Set-Up Wi-Fi' page that remains loaded in the background.

Set-Up WiFire Remote Network

With the WiFire Remote in 'Listening Mode', the Status Indicator LED will be flashing blue and the WiFire Remote will be broadcasting the name of its network. The WiFire Remotes network will be called 'Photon', followed by 4 random characters.

Leave this page open while you access (or return to) the network selection area of your computer, iPhone or Android. Choose the 'Photon' network, and return to this page.

Once you are connected to the WiFire Remote 'Photon' network, select the 'Show Available Wi-Fi Networks'. (*DO NOT SELECT* the 'Show Available Wi-Fi Networks' link prior to being connected to the Photon network).

Show Available Wi-Fi Networks

(Please refer to 'Step 1 Connect WiFire Remote to the Internet' on the installation page for complete instructions)

Important: Once you have selected 'Show Available Wi-Fi Networks' and completed the steps, remember to reconnect your computer, iPhone or Android to its original network.

Figure 4: WiFire Remote Set-Up Wi-Fi page

Select the Show Available Wi-Fi networks link. This prompts the web page to scan for available Wi-Fi network signals and present them for selection.

Select your household Local Area Network.

```
Select WiFi network
WiFi network          Signal Strength Security Channel
HP-Print-87        jet Pro 8610 -44      none      1
Pladson                      -43         wpa2_aes1
Apartment                    -43         wpa2_aes1
```

Figure 5: Choose your network

Enter your password.

```
Select WiFi network
WiFi network          Signal Strength Security Channel
HP-Print-87-Officejet Pro 8610 -44      none      1
Pladson                      -43         wpa2_aes1
Apartment                    -43         wpa2_aes1

Pladson password:  [••••••••]        [Join]
```

Figure 6: Enter the network password

Note: *If you are unsure which detected network is yours, the network name, or SSID, and password can usually be found on the bottom of the router.*

Since your computer is still connected to the WiFire Remote, it can pass information along to the WiFire Remote. When you select the LAN, the computer is introducing the WiFire Remote your network.

Note: *The signal strengths are shown for each of the networks that were detected. The signal strength of your LAN should be between -1 and -60. Above -70 the WiFire remote may periodically lose connection or may not connect at all.*

After your password is entered and 'Join' is selected, the Status Indicator LED on the WiFire Remote will change colors, blink, and finally turn to a blue/green color that slowly pulsates or "breathes".

Take a look at the Function Indicator LED's on the side of the WiFire Remote. The red "Power" LED should be on, indicating that WiFire Remote has power. The blue "Internet" LED should be on, indicating that the WiFire Remote is connected the WiFire Remote Cloud and is fully functional.

Reconnect Your Computer Back to Your Wi-Fi Network

Your computer is still connected to the WiFire Remote and can now be reconnected to your LAN.

Congratulations! You have completed Step 1 and your WiFire Remote is now connected to the internet. After completing Steps 2 and 3, you will be ready to control your heating appliance from anywhere that you are able to access a browser.

Note: You may wish to create an icon for convenient access to www.wifireremote.com on the device that you will be using to control your fireplace the majority of the time. If you will be using a Windows PC, visit Google and search "create shortcut on desktop" for further instructions.

[Connection Instructions Using An Apple Macintosh](#)

Connect Your Mac to the Local Area Network

Connect the Mac to the Local Area Network (LAN) using a Wi-Fi connection.

Note: this step is not required if the computer is already connected to the internet via the Wi-Fi connection available in the fireplace location.

Go to System Preferences > Network, select the LAN and enter the password.

Note: the only purpose of the computer in this step is to introduce the WiFire Remote to your Wi-Fi network. Therefore, this setup procedure can be conducted with anyone's Wi-Fi connected computer (such as an installer's or a neighbor's device). Your network password will need to be entered to complete this step.

Load the Set-Up Web Page

With the Mac connected to your LAN, go to **www.wifireremote.com** (do not sign in). Choose 'How It Works' and select 'Installation' as shown in Figure 1.
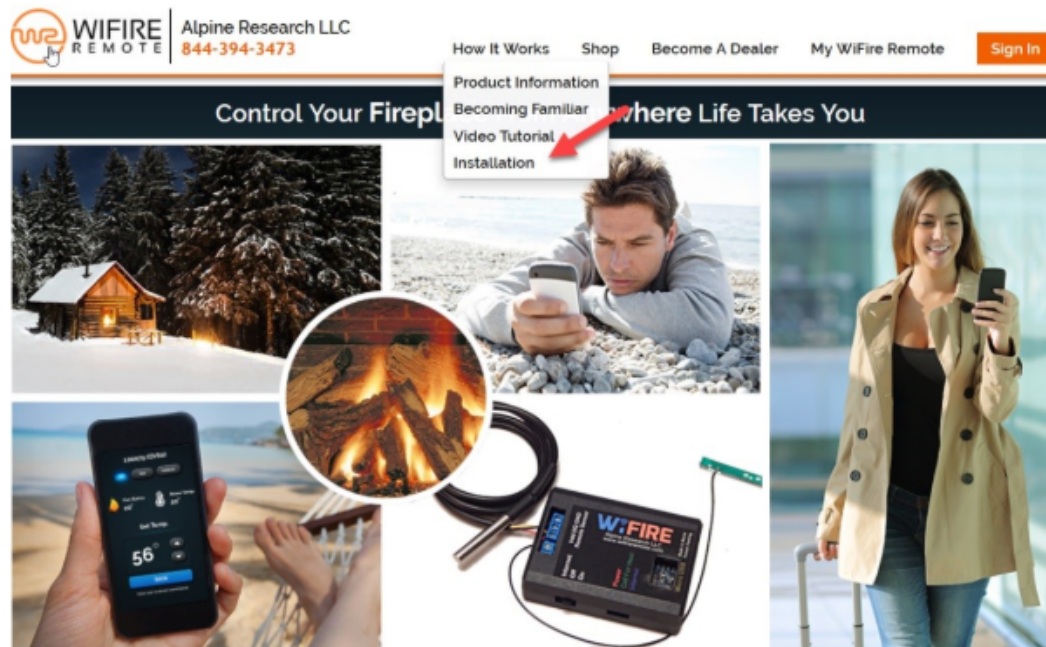
Figure 1: WiFire Remote Home page

Choose 'Set-Up Wi-Fi' as shown in Figure 2. Once on the 'Set-Up Wi-Fi' page, it is important that you DO NOT select Show Available Wi-Fi Networks at this time.
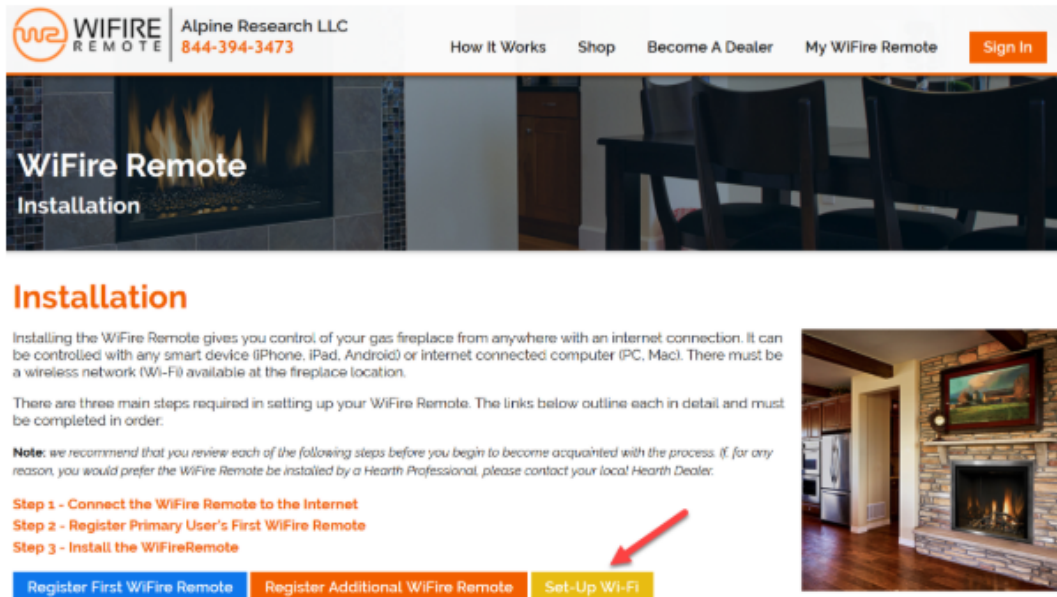

Figure 2: WiFire Remote Installation page

Connect to the WiFire Remote "PHOTON" Signal

Confirm that WiFire Remote is in listening mode; the Status Indicator LED in the Status Window will be blinking blue. This ensures the WiFire Remote is broadcasting its "Photon" signal so that it can be found by your Mac.

While the Set-Up Wi-Fi page open on the computer (leave it running in the background), return to the System Preferences > Network.

With the WiFire Remote in Listening Mode, the Mac will detect the WiFire Remotes Photon signal and list it as an available network. Select the Photon Network. Doing this will connect your Mac to WiFire Remote.
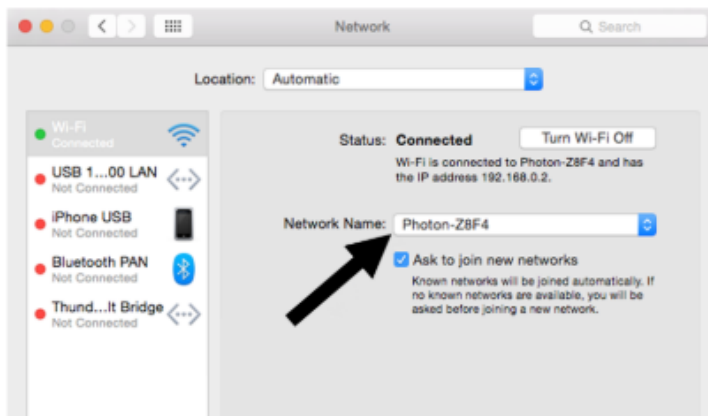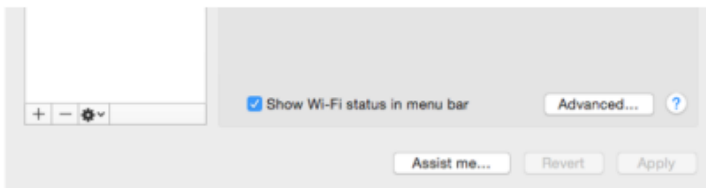
Figure 3: Select Photon network to connect to WiFire Remote

Introduce WiFire Remote to your Network

With your Mac now connected to WiFire Remote, return to the 'Set-Up Wi-Fi' page that remains loaded in the background.

Figure 4: WiFire Remote Set-Up Wi-Fi page

Select the Show Available Wi-Fi networks link. This prompts the web page to scan for available Wi-Fi network signals and present them for selection.

Select your household Local Area Network.

Figure 5: Choose your network

Enter your password.

Figure 6: Enter the network password

Note: If you are unsure which detected network is yours, the network name, or SSID, and password can usually be found on the bottom of the router.

Since your computer is still connected to the WiFire Remote, it can pass information along to the WiFire Remote. When you select the LAN, the Mac is introducing the WiFire Remote your network.

Note: The signal strengths are shown for each of the networks that were detected. The signal strength of your LAN should be between -1 and -60. Above -70 the WiFire remote may periodically lose connection or may not connect at all.

After your password is entered and 'Join' is selected, the Status Indicator LED on the WiFire Remote will change colors, blink, and finally turn to a blue/green color that slowly pulsates or "breathes".

Take a look at the Function Indicator LED's on the side of the WiFire Remote. The red "Power" LED should be on, indicating that WiFire Remote has power. The blue "Internet" LED should be on, indicating that the WiFire Remote is connected the WiFire Remote Cloud and is fully functional.

Reconnect Your Mac Back to Your Wi-Fi Network

Your Mac is still connected to the WiFire Remote and can now be reconnected to your LAN.

Congratulations! You have completed Step 1 and your WiFire Remote is now connected to the internet. After completing Steps 2 and 3, you will be ready to control your heating appliance from anywhere that you are able to access a browser.

Note: You may wish to create an icon for convenient access to www.wifireremote.com on the device that you will be using to control your fireplace the majority of the time. If you will be using a Mac computer, visit Google and search "create Mac icon" for further instructions.

Connection Instructions Using An iPhone Or iPad

Connect Your iPad or iPhone to the Local Area Network

Connect the iPad or iPhone to the Local Area Network (LAN) using a Wi-Fi connection.

Note: this step is not required if the computer is already connected to the internet via the Wi-Fi connection available in the fireplace location.

On the iPad or iPhone, go to Settings > Wi-Fi. Select your network and enter the password.

Note: the only purpose of the computer in this step is to introduce the WiFire Remote to your Wi-Fi network. Therefore, this setup procedure can be conducted with anyone's Wi-Fi connected computer (such as an installer's or a neighbor's device). Your network password will need to be entered to complete this step.

Load the Set-Up Web Page

With the iPad or iPhone connected to your LAN, go to **www.wifireremote.com** (do not sign in). Choose 'How It Works' and select 'Installation' as shown in Figure 1.
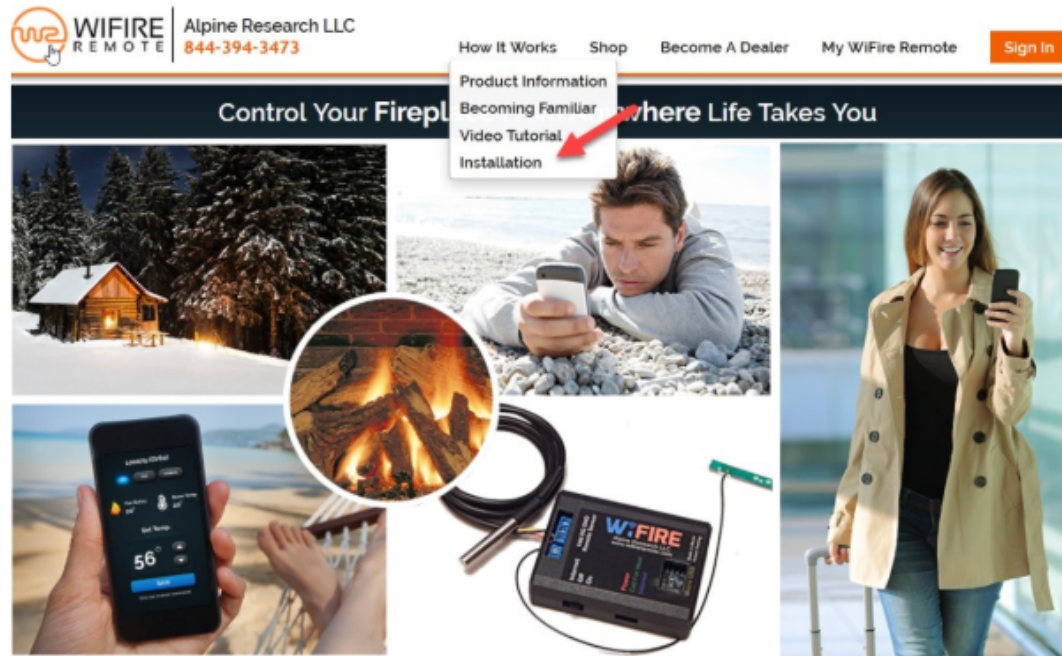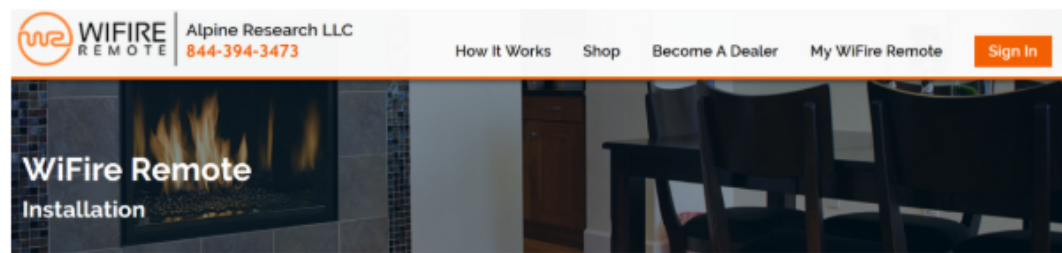

Figure 1: WiFire Remote Home page

Choose 'Set-Up Wi-Fi' as shown in Figure 2. Once on the 'Set-Up Wi-Fi' page, it is important that you DO NOT select Show Available Wi-Fi Networks at this time.

Installation

Installing the WiFire Remote gives you control of your gas fireplace from anywhere with an internet connection. It can be controlled with any smart device (iPhone, iPad, Android) or internet connected computer (PC, Mac). There must be a wireless network (Wi-Fi) available at the fireplace location.

There are three main steps required in setting up your WiFire Remote. The links below outline each in detail and must be completed in order:

Note: we recommend that you review each of the following steps before you begin to become acquainted with the process. If, for any reason, you would prefer the WiFire Remote be installed by a Hearth Professional, please contact your local Hearth Dealer.

Step 1 - Connect the WiFire Remote to the Internet
Step 2 - Register Primary User's First WiFire Remote
Step 3 - Install the WiFireRemote

Figure 2: WiFire Remote Installation page

## Connect to the WiFire Remote "PHOTON" Signal

Confirm that WiFire Remote is in listening mode; the Status Indicator LED in the Status Window will be blinking blue. This ensures the WiFire Remote is broadcasting its "Photon" signal so that it can be found by your iPad or iPhone.

Figure 3: iPhone or iPad Home Page

While the Set-Up Wi-Fi page open on the iPad or iPhone (do not close it), return to your Home screen > Settings > Wi-Fi.

With the WiFire Remote in Listening Mode, the iPad or iPhone will detect the WiFire Remotes Photon signal and list it as an available network. Select the Photon Network. Doing this will connect your iPad or iPhone to WiFire Remote.
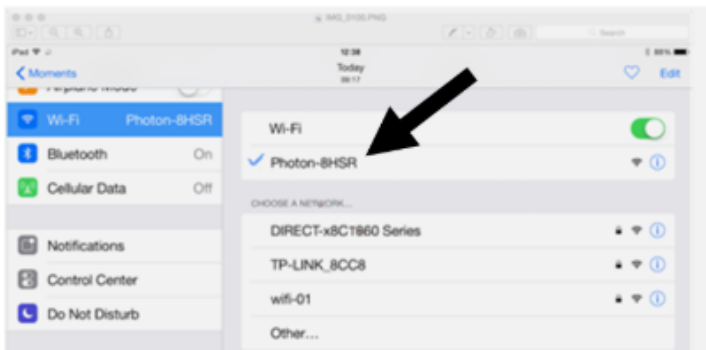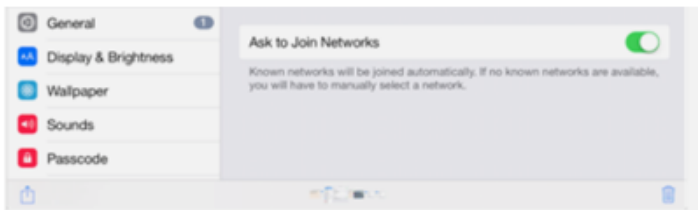
Figure 4: iPad or iPhone Settings > Wi-Fi screen

Introduce WiFire Remote to your Network

With your iPad or iPhone now connected to WiFire Remote, return to the 'Set-Up Wi-Fi' page previously opened with your iPad or iPhone.
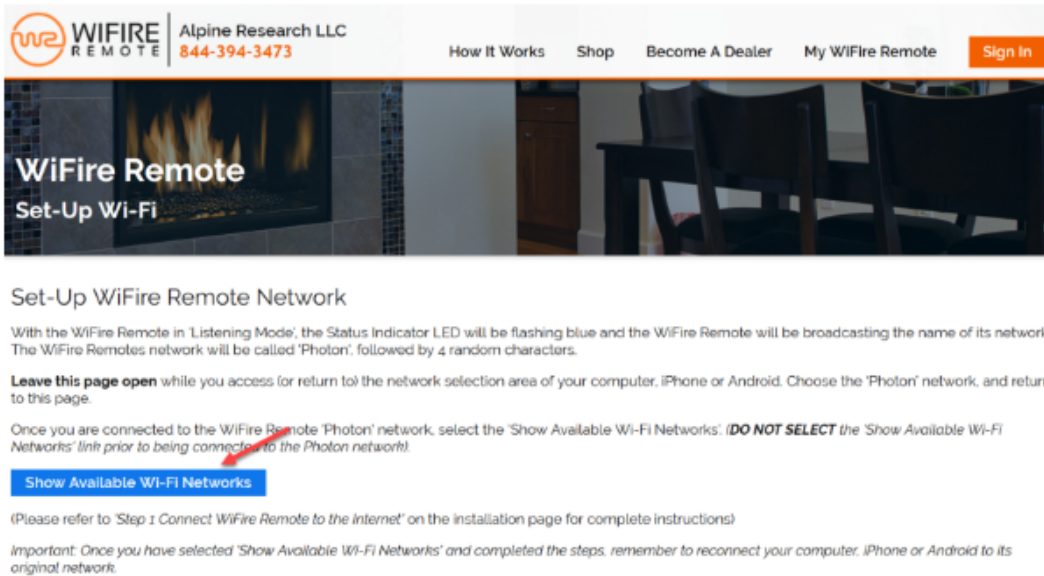

Set-Up WiFire Remote Network

With the WiFire Remote in 'Listening Mode', the Status Indicator LED will be flashing blue and the WiFire Remote will be broadcasting the name of its network. The WiFire Remotes network will be called 'Photon', followed by 4 random characters.

Leave this page open while you access (or return to) the network selection area of your computer, iPhone or Android. Choose the 'Photon' network, and return to this page.

Once you are connected to the WiFire Remote 'Photon' network, select the 'Show Available Wi-Fi Networks': (*DO NOT SELECT* the 'Show Available Wi-Fi Networks' link prior to being connected to the Photon network).

Show Available Wi-Fi Networks

(Please refer to 'Step 1 Connect WiFire Remote to the Internet' on the installation page for complete instructions)

Important: Once you have selected 'Show Available Wi-Fi Networks' and completed the steps, remember to reconnect your computer, iPhone or Android to its original network.

Figure 5: WiFire Remote Set-Up Wi-Fi page

Select the Show Available Wi-Fi networks link. This prompts the web page to scan for available Wi-Fi network signals and present them for selection.

Select your household Local Area Network.

Figure 6: Choose your network

Enter your password.

Figure 7: Enter the network password

Note: *If you are unsure which detected network is yours, the network name, or SSID, and password can usually be found on the bottom of the router.*

Since your iPad or iPhone is still connected to the WiFire Remote, it can pass information along to the WiFire Remote. When you select the LAN, the iPad or iPhone is introducing the WiFire Remote your network.

Note: *The signal strengths are shown for each of the networks that were detected. The signal strength of your LAN should be between -1 and -60. Above -70 the WiFire remote may periodically lose connection or may not connect at all.*

After your password is entered and 'Join' is selected, the Status Indicator LED on the WiFire Remote will change colors, blink, and finally turn to a blue/green color that slowly pulsates or "breathes".

Take a look at the Function Indicator LED's on the side of the WiFire Remote. The red "Power" LED should be on, indicating that WiFire Remote has power. The blue "Internet" LED should be on, indicating that the WiFire Remote is connected the WiFire Remote Cloud and is fully functional.

Reconnect Your iPad or iPhone Back to Your Wi-Fi Network

Your iPad or iPhone is still connected to the WiFire Remote and can now be reconnected to your LAN.

Congratulations! You have completed Step 1 and your WiFire Remote is now connected to the internet. After completing Steps 2 and 3, you will be ready to control your heating appliance from anywhere that you are able to access a browser.

Note: *You may wish to create an icon for convenient access to www.wifireremote.com on the device that you will be using to control your fireplace the majority of the time. If you will be using an iPad or iPhone, visit Google and search "create an icon on an iPad" for further instructions.*

Step 2 - Registering Primary User's First WiFire Remote

Becoming Familiar with the WiFire Remote

Lead Wires (to valve terminals)

WiFi Antenna

Dry Contact Connection Ports

Sensor Lead

Dry Contact Terminals

Mode Switch

Internet
Off
On

Vdd DQ GND
Remote Sensor

Room Air Temperature Sensor

Function Indicator LED's

Power
Call For Heat
Internet

WiFIRE

Alpine Research LLC
www.wifireremote.com

Made in Maine
Patent Pending

Micro USB

Status Window

Tech Support Button

Status Indicator LED

Press and Hold Button

5V DC Power In

Power Adapter

MY
FireplaceBlower

Figure 1: The WiFire Remote

Prior to 'Registering the Primary User's First WiFire Remote' verify that Step 1, 'Connect the WiFire Remote to the Internet', has successfully been completed;

With power connected to your WiFire Remote, confirm the following lights are illuminated:
- "Power" Function Indicator LED is illuminated red, indicating that WiFire Remote has power.
- The "Internet" Function Indicator LED is illuminated blue, indicating that the WiFire Remote is connected to the WiFire Remote Cloud.
- The Status Indicator LED in the WiFire Remote Status Window is a light blue/green color and is slowly pulsating, or breathing, indicating the WiFire Remote is connected to the user's router.

(If you are not seeing any of the above LED's illuminated as described, repeat Step 1 'Connect the WiFire Remote to the Internet')

Registeration

The following steps will guide you through the registration process which will associate you, the Primary User, to your specific WiFire Remote.

From any browser, go to www.wifireremote.com
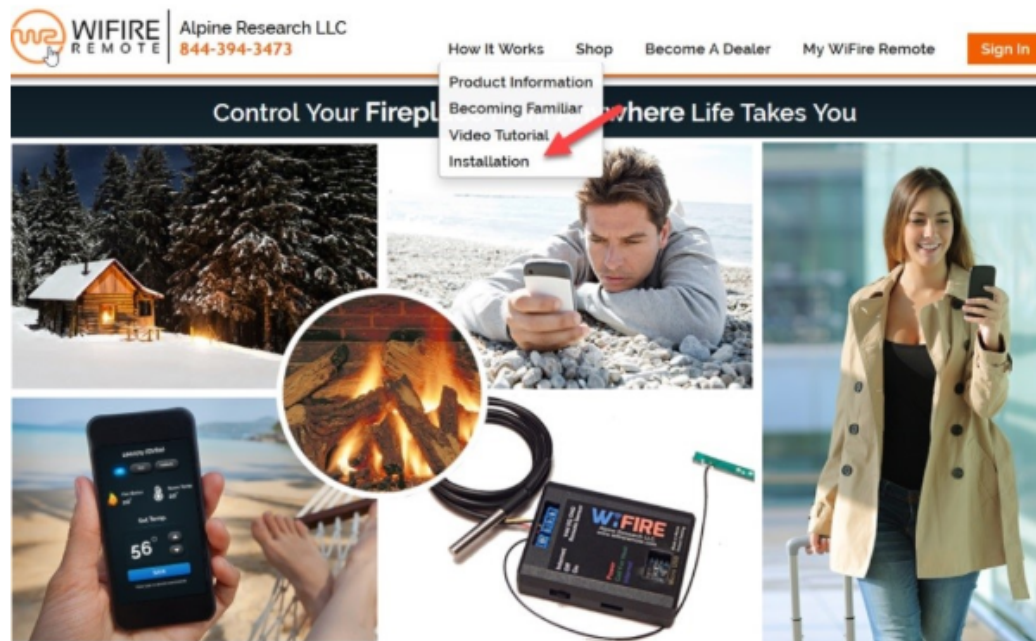
Figure 2: WiFire Remote Home Page

On the WiFire Remote home page, choose 'How It Works' and select 'Installation'. See Figure 2

Installation

Installing the WiFire Remote gives you control of your gas fireplace from anywhere with an internet connection. It can be controlled with any smart device (iPhone, iPad, Android) or internet connected computer (PC, Mac). There must be a wireless network (Wi-Fi) available at the fireplace location.

There are three main steps required in setting up your WiFire Remote. The links below outline each in detail and must be completed in order:

Note: *we recommend that you review each of the following steps before you begin to become acquainted with the process. If, for any reason, you would prefer the WiFire Remote be installed by a Hearth Professional, please contact your local Hearth Dealer.*

Step 1 - Connect the WiFire Remote to the Internet
Step 2 - Register Primary User's First WiFire Remote
Step 3 - Install the WiFireRemote

[Register First WiFire Remote] [Register Additional WiFire Remote] [Set-Up Wi-Fi]

Figure 3: Installation Page

On the Installation page, choose 'Register First WiFire Remote'. See Figure 3

Figure 4: Register First WiFire Remote Page

The 'Register First WiFire Remote' page identifies the Primary User with his or her email address, and associates that email address to a specific WiFire Remote.

Note: *the email address entered here, and the password that you will create, **do not** need to be the same as the User Name and Password created at the WiFire Remotes' point of purchase*
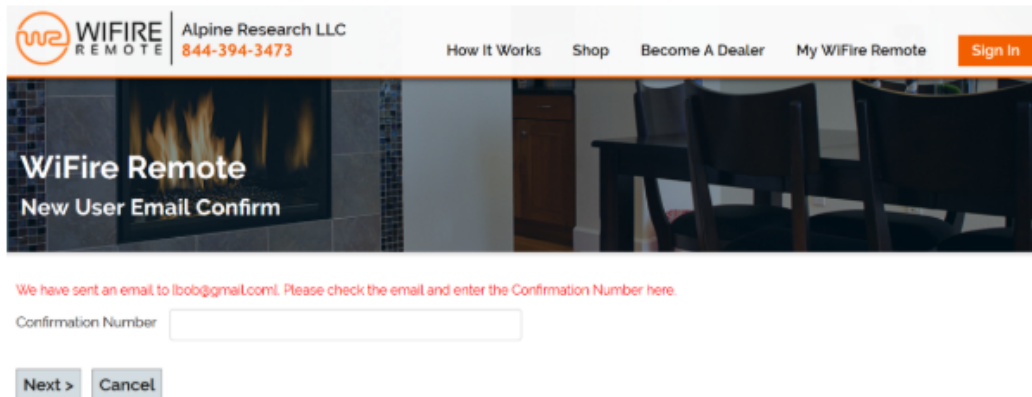
Enter the email address of the Primary User.

Enter the unique 'WiFire Remote Barcode' (WiFire Remote's Serial Number) and 'WiFire Remote Model#'. Both can be found on the bottom of your WiFire Remote.

Choose a 'WiFire Remote Location' that will distinguish which fireplace will be controlled by this particular WiFire Remote (i.e. Living Room, Master Bedroom etc.).

Choose 'Next' to continue.

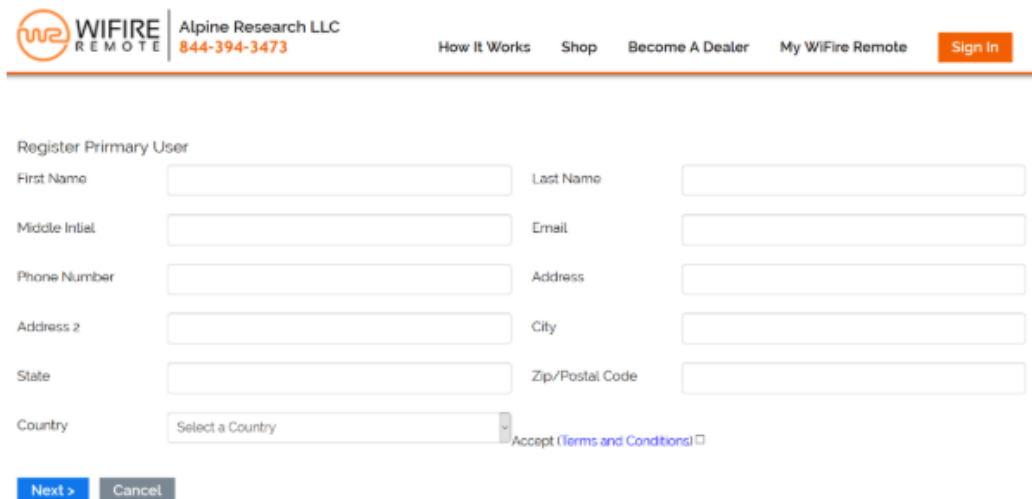A Confirmation Number will be emailed to the Primary User.

Figure 5: New User Email Confirmations

Retrieve the Confirmation Number that has been emailed to the Primary User.

Enter the Confirmation Number and choose 'Next' to continue.

Enter the required Primary User information.

Choose 'Next' to continue.

Figure 6: Register Primary User Page

The next page will request the Installer's information.

If the installation is being performed by the end user, please complete the 'Installer Company' field with 'Homeowner' or 'Primary User'.

Choose Submit to continue.

An email will be generated and sent to the primary users email address. This email will contain a link; click on the link to complete the registration process and generate your password. This will be the password that you will use to access your www.wifireremote.com and control your appliance(s).

Congratulations! You have successfully registered the primary user's first WiFire Remote and can now sign into your account by selecting 'Back to My Account'.
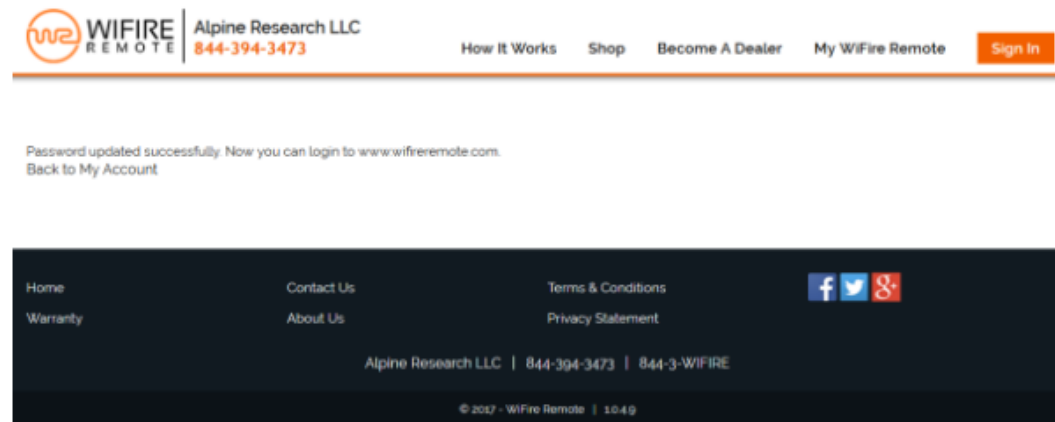

Figure 7: Password successfully generatede

There's one thing left to do: Install the WiFire Remote in your fireplace, connecting it to the gas valve.

For complete instructions, choose 'How It Works' at the top of the www.wifireremote.com homepage and select 'Installation'. Follow the instructions for 'Step 3 – Install the WiFire Remote'.

Once this final step has been completed, additional WiFire Remotes, as well as additional users for each WiFire Remote, can be added by signing into your account at www.wifireremote.com, and selecting the installation link to find options for managing your WiFire Remote account.

For additional instructions on accessing your account and operating your WiFire Remote, please access the video tutorial located at www.wifireremote.com > How it Works > Video Tutorial.

For technical assistance contact Alpine Research: 800-494-3473 (800-4-WiFire).

Step 3 - Install the WiFire Remote

Becoming Familiar with the WiFire Remote

Lead Wires
(to valve terminals)

WiFi Antenna

Dry Contact
Connection Ports

Sensor Lead

Dry Contact
Terminals

Mode Switch

Internet
Off
On

Vdd DQ GND
Remote Sensor

Function
Indicator
LED's

Power
Call For Heat
Internet

Room Air
Temperature Sensor

W.FIRE
Alpine Research LLC
www.wifireremote.com

Made in Maine
Patent Pending

Micro USB

Status Window

Tech Support Button

Status Indicator LED

Press and Hold Button
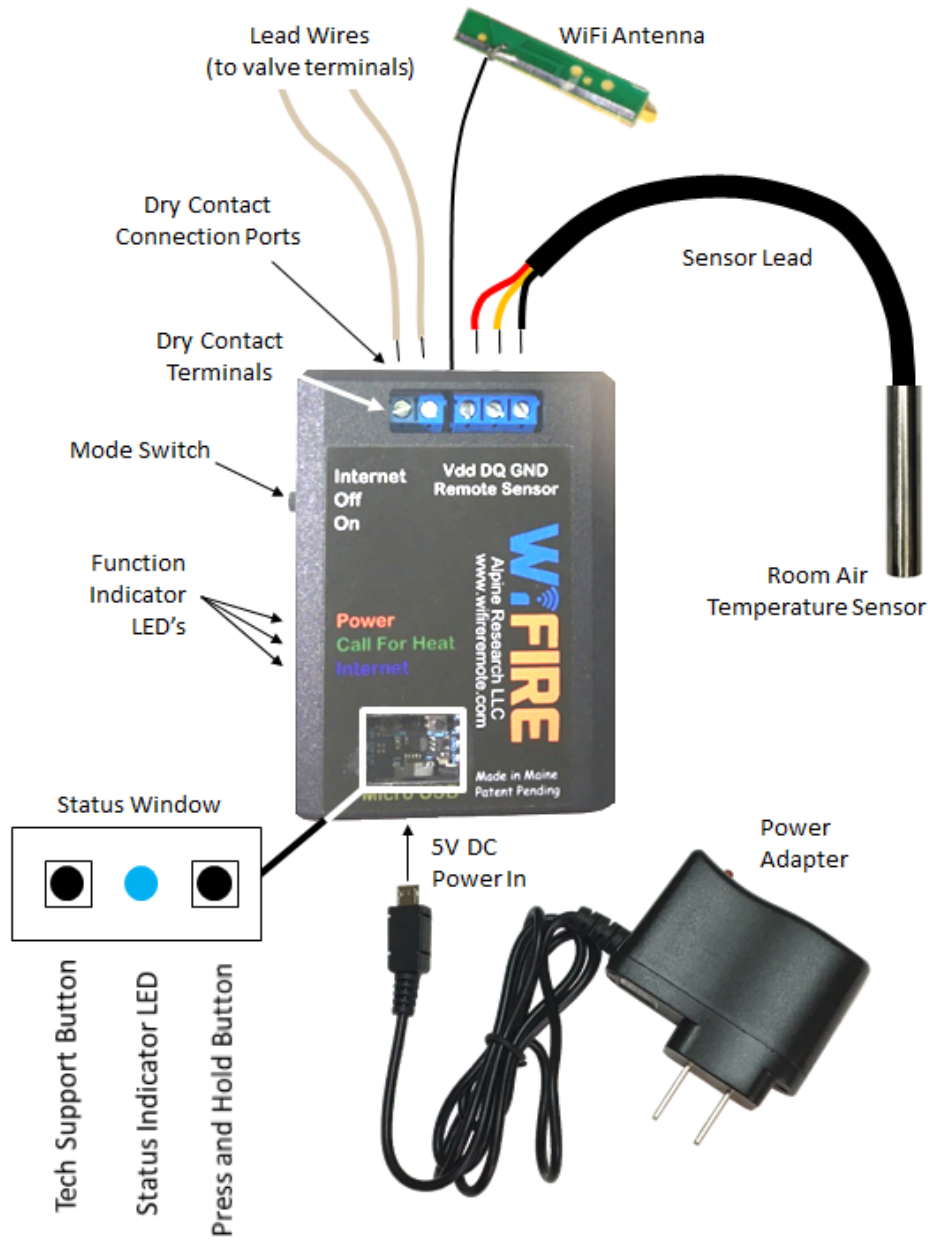
5V DC
Power In

Power
Adapter

Figure 1: The WiFire Remote

Prior to installing the WiFire Remote to your standing pilot gas valve verify that that first Step 1, 'Connect the WiFire Remote to the Internet' has been completed successfully.

With power connected to your WiFire Remote, the following lights are illuminated:

- "Power" Function Indicator LED is illuminated red, indicating that WiFire Remote has power.
- The 'Internet' Function Indicator LED is illuminated blue, indicating that the WiFire Remote is connected to the WiFire Remote Cloud.
- The Status Indicator LED in the WiFire Remote Status Window is a light blue/green color and is slowly pulsating, or breathing, indicating the WiFire Remote is connected to the user's router.

(If you are not seeing any of the above LED's illuminated as described, repeat Step 1 'Connect the WiFire Remote to the Internet')

And Step 2, 'Register Primary User's First WiFire Remote', has been completed successfully:

A password has been generated and you can login to your account at www.wifireremote.com.

(If you are not able to successfully login to your account, repeat Step 2, Register Primary User's First WiFire Remote'.)

Note: *Alpine Research recommends that the WiFire Remote is used exclusively on gas heating appliances.*

Note: *existing appliance must be in safe operating condition before attempting to operate from a remote source.*

Note: *WiFire Remote is a temperature sensing switch that enables you to control your fireplace from anywhere with access to a browser. It should not be installed with any other control device(s) enabled (e.g. on/off rocker switch, thermostat, or remote control receiver). Remove the batteries from any pre-existing remote control devices and store such devices to avoid inadvertent activation.*

- **Power Adapter**
  The Power Adapter that arrived with your WiFire Remote device has a 36" reach to the wall outlet. If more length is required, a simple household extension cord may be used.

- **Room Air Temperature Sensor**
  Room temperature is reported to the WiFire Remote by the Temperature Sensor. The WiFire Remote then uses this information to decide when to turn the appliance on and off in order to maintain the desired temperature of the room. The Sensor should be located in a spot that reliably indicates the temperature of the room without being influenced or "tricked" by direct sunlight, by the flames in the fireplace, or by a cold-drafty window.

  The WiFire Remote comes with a standard gauge 1 meter sensor lead (3.28'). Longer sensor leads are also available; a standard gauge, 3 meter long lead (9.84'), and a 10 meter long lead (32.8') that is a much thinner (26 Gauge) 2 conductor lead that is ideal for tucking into a carpet seam or routing in grout lines during new construction or when possible.

- **Wi-Fi Antenna**
  The external Wi-Fi Antenna ensures optimum communication with your local area network. It is best located in the front of the fireplace cavity and comes with an adhesive back if you prefer to affix it to a flat surface.

Choose a location for your WiFire Remote

Prior to connecting your WiFire Remote device to the standing pilot valve, consider where the WiFire Remote will be located. The location chosen will need to:

- Allow connection to a power outlet

- Allow proper placement of the Temperature Sensor
- Allow proper placement of the Wi-Fi Antenna
- Provide convenient access for use of the off/on/Internet Mode Switch
- Allow visibility of the Function Indicator LED's

The WiFire Remote is typically located just inside the access door of the fireplace where the other controls reside. This allows the WiFire Remote to be out of view, reside in the coolest part of the fireplace cavity and provide convenient access to the Mode Switch.

The WiFire Remote can be located away from the fireplace, having a maximum of 25' wire length.

Disconnect the Existing Control Device

The terminal block on the fireplace's gas valve has three terminals, labeled TH/TP, TP and TH. The lead wires connected to "TH/TP" and "TH" are currently routed to the fireplace's existing control device (this may be an on/off rocker switch, a thermostat, wall switch, or a remote control receiver). Disconnect these lead wires from the existing control device. (We will be rerouting these wires to your WiFire Remote as illustrated in Figure 2.)

Note: *if your lead wires are routed into the wall leading to a wall mounted thermostat, simply disconnect the existing lead wires from the "TH/TP" and the "TH" terminals on the fireplace valve and re-connect the spare lead wire that was supplied with your WiFire Remote to the fireplace valve in the same terminal locations. Once the new lead wire has been securely connected to the fireplace valve, this will be the wire that you will now connect to your WiFire Remote as described below.*

Caution: *At no time should more than one control system be connected to your appliance.*
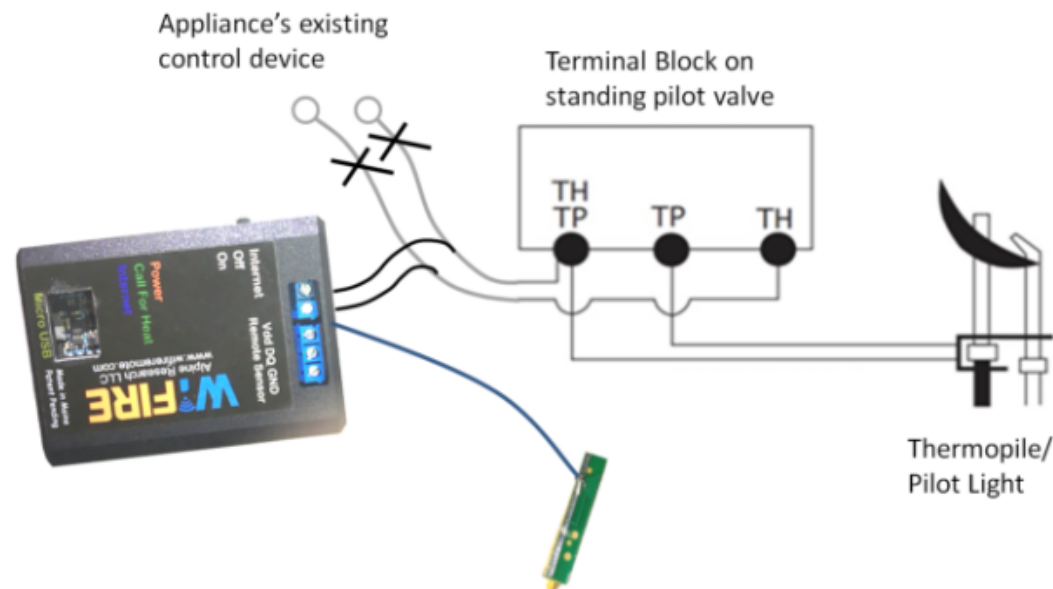

Figure 2: Connection Overview

Connection of the WiFire Remote to your Fireplace or Stove is quite simple as illustrated in Figure 2.

Your WiFire Remote can be thought of as a simple on/off switch that replaces the existing control device being used with your appliance, thus transferring the job of on/off control from your existing rocker switch, thermostat, or remote control receiver to the WiFire Remote.

Connect the Gas Valve to WiFire Remote

Once the two wires have been removed from the existing control device, verify that the Power Adapter is disconnected from the WiFire Remote and the Mode Switch is in the off position.

Locate the two Dry Contact Terminals on the WiFire Remote as shown in Figure 3. Connect the wires by loosening the set screws, inserting the wires, and re-tightening the set screws. Lightly pull on the wires to verify that they are connected securely. It is not important which wire is attached to which connection point.

Figure 3: Connect the gas valve to the WiFire Remote

Note: the WiFire Remote is supplied with an 18" lead wire in case you find it more convenient to disconnect the existing control device from the valve and create your own connection leading from the WiFire Remote's 2 dry contact Terminals directly to the TH/TP and TH terminals on the fireplace valve.

Provide Power to the WiFire Remote

Connect the Power Adapter to the WiFire Remote and plug it into the wall. The "Power" Function Indicator LED will illuminate red, indicating that WiFire Remote detects power.

In the Status Window on the face of the WiFire Remote, you should see the Status Indicator LED blink green, then a rapid green as it attempts to connect to your router. Once connected you will notice the green rapid blink slows to a pulsating, or 'breathing' lighter blue/green, indicating the WiFire Remote's connection to your router.

The Internet 'Function Indicator LED' will illuminate blue, verifying that you are now connected to the WiFire Cloud computer and you have successfully set up your WiFire Remote.

Mode Switch

When the WiFire Remote's Mode Switch is in the **'Off'** position, the burner on your fireplace will remain off.

When the Mode Switch is in the **'On'** position, the burner on your fireplace should ignite and will remain on until a different mode is chosen. This allows the fireplace to be controlled manually in the fireplace location if desired.

With the Mode Switch in the **'Internet'** position, the fireplace can be controlled over the internet with the WiFire Remote user interface by accessing www.wifireremote.com from any browser with your smartphone, tablet, Android or computer.

Accessing Your Fireplace Controls via the Internet

From any browser, log into www.wifireremote.com, enter your user name and password. You will be directed to the Devices page where you will see the fireplace(s), that you have assigned a name, and are now able to control while you are away.

🔥 The flame icon will indicate when there has been a call for heat

🏠 The house icon will display the current temperature of the room

⚙️ The tool icon will display the current temperature setting you have chosen

For additional instructions on accessing your account and operating your WiFire Remote, please access the video tutorial located at www.wifireremote.com > How it Works > Video Tutorial.

For technical assistance contact Alpine Research: 800-494-3473 (800-4-WiFire).