

Firefly Integrations iPad System

Index

Introduction to iPad	2
Connecting iPad to WiFi for System Control	3-5
Adding additional mobile devices	6-17
Connecting WiFi for Downloading App	6
CRESTRON APP Download Instructions	9
CRESTRON APP Configure Instructions	13
Reloading the App	18-25
iOS 6 CRESTRON App Reload Instructions	18
iOS 7 CRESTRON App Reload Instructions	22
Troubleshooting iPad Systems	26
Router & Processer Installation Instructions	27

Some drawings in this manual (Pg. 26-33) may not be specific to your coach.

If you have worked on the iPad system for over 30 minutes and have not resolved the problem, call tech support for further assistance.

Introduction to iPad



- ① This is the home screen, which gives you access to all of your iPad's apps.
- ② The Smart Button. It has several functions, but is mainly used to navigate to the Home screen and switch out of programs (it may require several presses).
- ③ The iPad's power button
- ④ The Crestron app. (May be purple or blue, depending on what version of the app you have.)

General Note: If you have worked on the iPad system for over 30 minutes and have not resolved the problem, call tech support for further assistance.



Connecting iPad to WiFi for System Control



Connecting iPad to WiFi

For system control, connect to the Router WiFi for your system
Approx. Range of 400ft. Line of site

- 1 Tap the "Settings" icon on the home screen.



Connecting iPad to WiFi for System Control



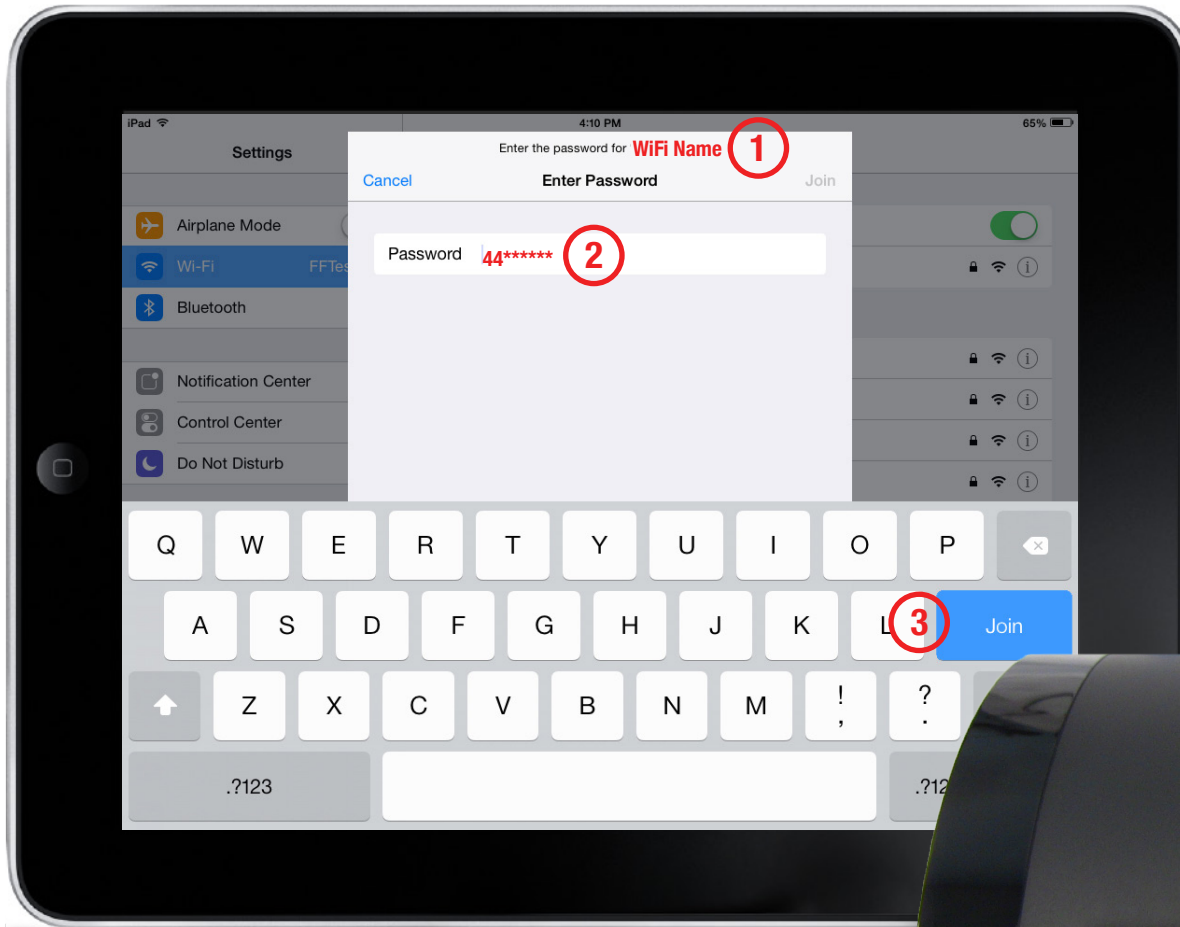
Connecting iPad to WiFi

- 1 Select WiFi
- 2 Turn on WiFi
- 3 Select the **Coach Router WiFi** you are trying to connect to. **You must connect to your Coach Router WiFi at this time.** Wait for Check Mark in front of your WiFi Name. When you have the check mark you are connected.

(Note: If your WiFi asks for a password, see next page.)
- 4 Press Smart Button once to return to the home screen.



Connecting iPad to WiFi for System Control



Connecting iPad to WiFi

This procedure is only required once for each device.

- 1 This is your control system WiFi name (WiFi name is the same as the SSID on Cradlepoint router label)
- 2 Enter your password (PW on router label)
- 3 Press "Join"



Adding Additional Devices



Connecting to WiFi for Downloading App

You must be connected to WiFi or be near an Internet hotspot that will allow you to connect in order to download the app.

You cannot use your Coach Router WiFi.

(If you are already connected to WiFi, you can skip to page 9.)

- 1 Tap the “Settings” icon on the home screen.



Adding Additional Devices



Connecting to WiFi for Downloading App

- 1 Select WiFi
- 2 Turn on WiFi
- 3 Select the **Internet WiFi** you are trying to connect to.
DO NOT connect to your Coach Router WiFi at this time.
Wait for Check Mark in front of your WiFi Name. When you have the check mark you are connected.

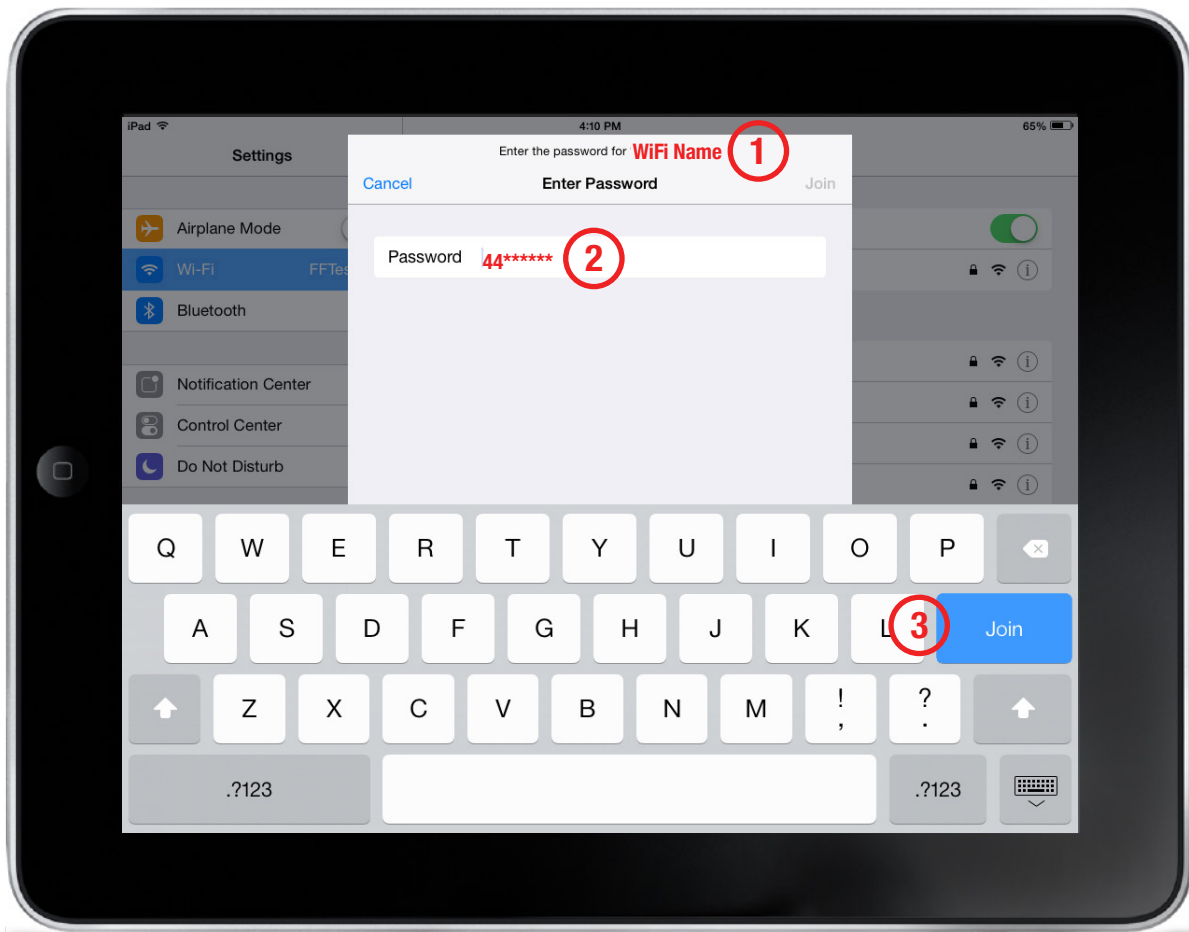
(Note: If your WiFi asks for a password, see next page.)
- 4 Press Smart Button once to return to the home screen.



Adding Additional Devices

Connecting iPad to WiFi

- ① This is the WiFi network you are attempting to join.
- ② Enter your password.
- ③ Tap "Join."



Adding Additional Devices



CRESTRON App Download Instructions

(Skip this section if you see the CRESTRON App on the home screen.)

You can setup additional devices for your system.

- iPads / Android Tablets
- iPhones / Android Smartphones

Note: Not all systems support the iPhone or Android smartphones. Inspect label on your processor for supported devices (see example on next page)

Go to Apple's App Store or Android's Play Store and download the APP.

You will need to connect the device to the Internet to download APP

iPad Apps:



Creston Mobile
Pro G - \$99.99



Creston Mobile G
- FREE

iPhone & Android Tablet / Smartphone Apps:



Creston Mobile
Pro - \$99.99

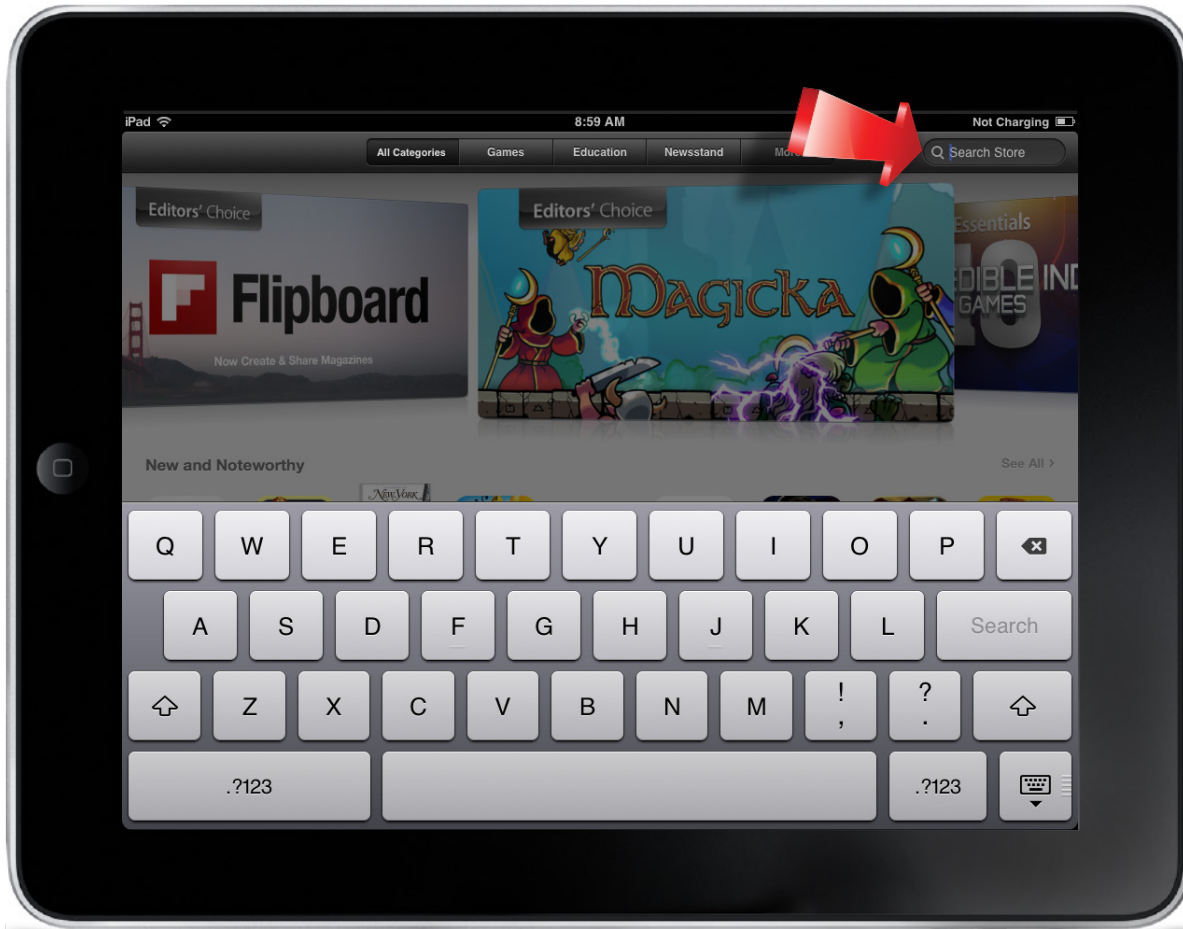


Creston Mobile
- FREE

Adding Additional Devices

CRESTRON App Download Instructions

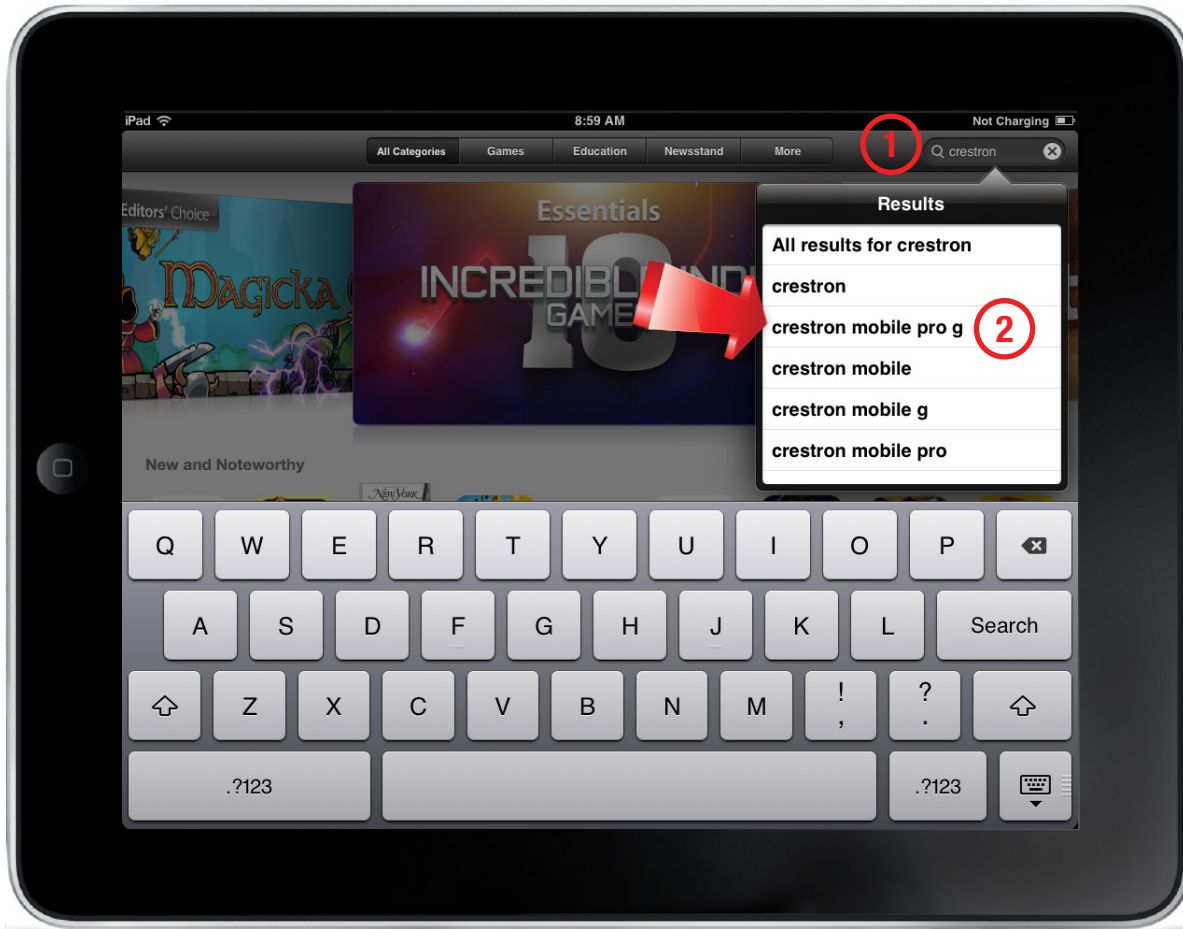
- 1 Touch the "Search Store" box in the upper right corner.



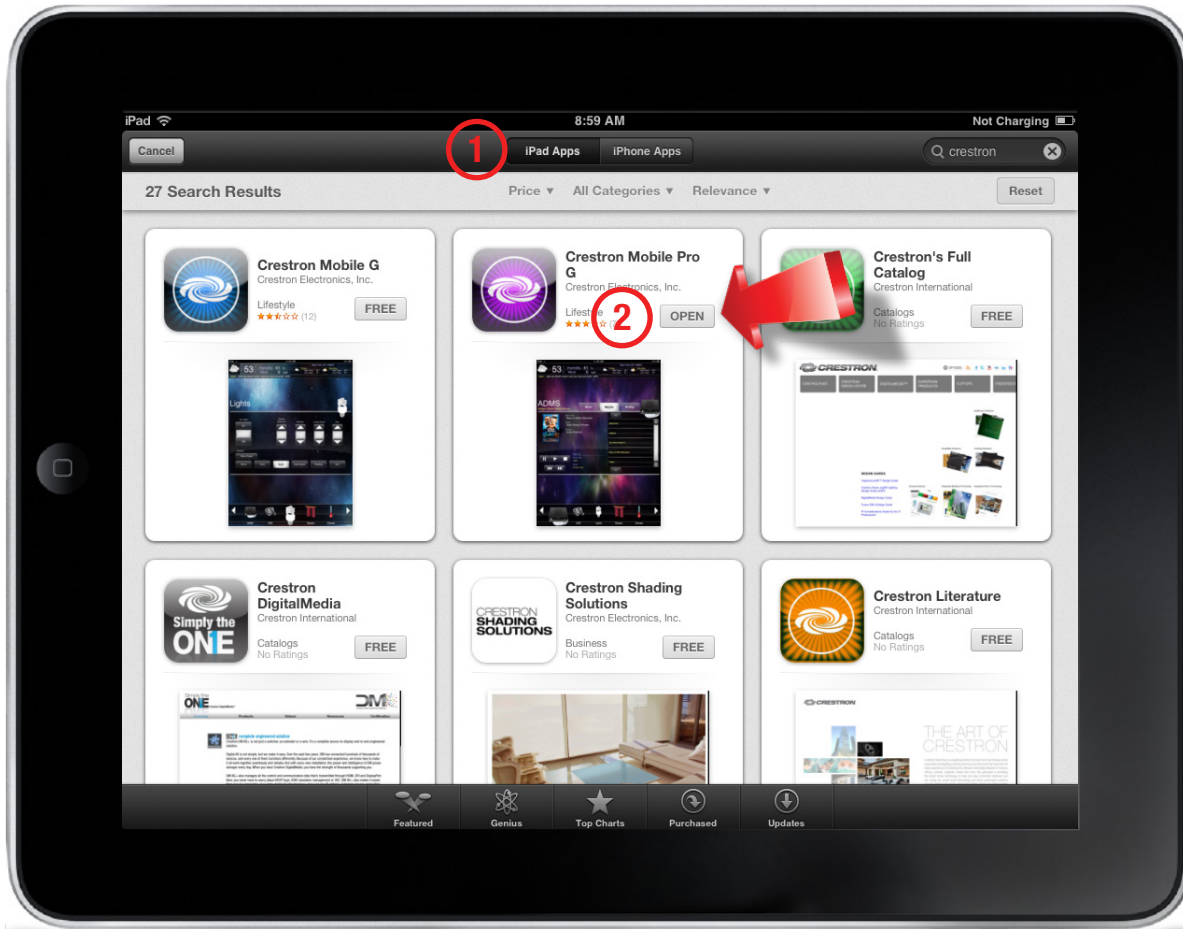
Adding Additional Devices

CRESTRON App Download Instructions

- 1 Type "Crestron" in the search box.
- 2 Touch the "crestron mobile pro g."



Adding Additional Devices



CRESTRON App Download Instructions

- 1 If you are using an iPad, make sure the “iPad Apps” button is selected.

Note: You will need to download the same app that you will find on the iPad that came with your system. If the Crestron app on your main iPad is blue, you need the free app. If it is purple, you need the paid app.



Crestron Mobile Pro G - \$99.99



Crestron Mobile G - FREE

The iPad only “Crestron Mobile Pro G” App costs \$99 per user account.

The iPhone & Android Tablet / Smartphone “Crestron Mobile Pro” App costs another \$99 per user account.

- 2 Select the purchase button to download.



Adding Additional Devices



CRESTRON App Configure Instructions

Follow each step carefully and be sure that all information is correct!

Upon first run, you will be asked for setup information:
(Note: Clear Label on Backside of iPad for Reference only. This information is only for the original iPad)

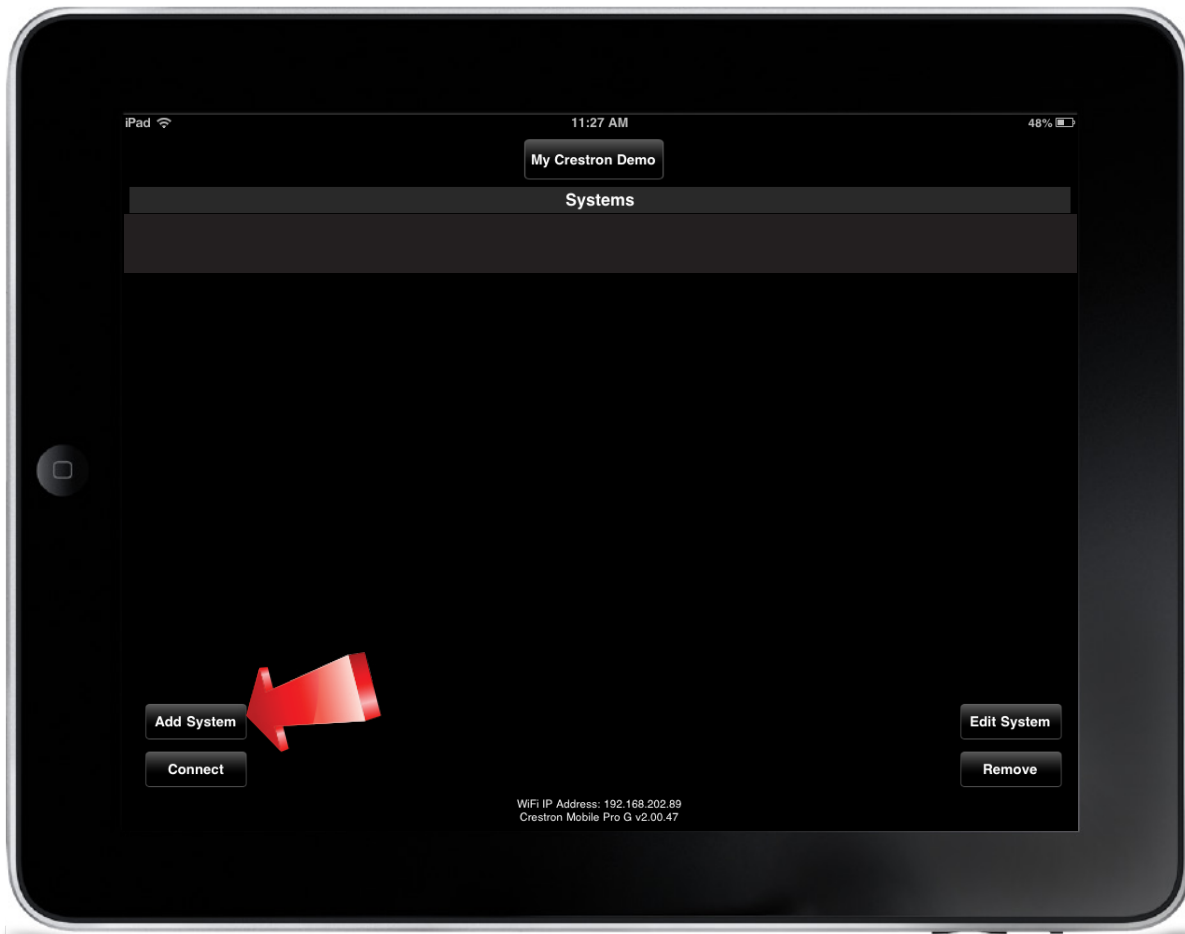
- ① From Home Screen select Crestron Icon to open the app.



Adding Additional Devices

CRESTRON App Configure Instructions

- 1 Tap the “Add System” button



Adding Additional Devices

CRESTRON iPad & Android Tablet App Configuration Instructions

Enter the information exactly as shown on the label on the Prodigy or RMC3.

This information is all the same between devices EXCEPT the Port A number.

- ① Friendly Name/Location: (System Model & Unit #)
(This will become your system name. It can be anything. Suggestion: your WiFi name.)
 - ② Use Local File: **No (Never change)**
 - ③ IP Address
 - ④ HTTP Port: **80 (Never change)**
 - ⑤ Port A: **This information is on the label on the processor. iPad Port numbers can be used for iPads or Android tablets (if supported).
Do not use the same Port A number for two devices in the same system.
Port A numbers are NOT interchangeable! Supplied iPad is 41790.
Note: On Android devices, Port A is labeled "CIP Port"**
 - ⑥ Port B: **(Leave Blank)**
 - ⑦ Passcode: **(CASE Sensitive)**
 - ⑧ Tap "Save"
- Check to be sure all information entered is correct.
(Copy exactly from your label - Make sure you Capitalize if required)



Adding Additional Devices

CRESTRON iPhone & Android Phone App Configuration Instructions

Enter the information exactly as shown on the label on the Prodigy or RMC3.

This information is all the same between devices EXCEPT the Port A number.



Example label:



- ① Friendly Name/Location: (System Model & Unit #)
(This will become your system name. It can be anything. Suggestion: your WiFi name.)
- ② Use Local File: **No (Never change)**
- ③ IP Address
- ④ HTTP Port: **80 (Never change)**
- ⑤ Port A: This information is on the label on the processor. iPhone port numbers can be used for iPhones or Android phones (if supported).
Do not use the same Port A number for two devices in the same system.
Port A numbers are NOT interchangeable!
Note: On Android devices, Port A is labeled "CIP Port"
- ⑥ Port B: **(Leave Blank)**
- ⑦ Passcode: **(CASE Sensitive)**

Check to be sure all information entered is correct.
(Copy exactly from your label - Make sure you Capitalize if required)

- ⑧ Tap "Done."



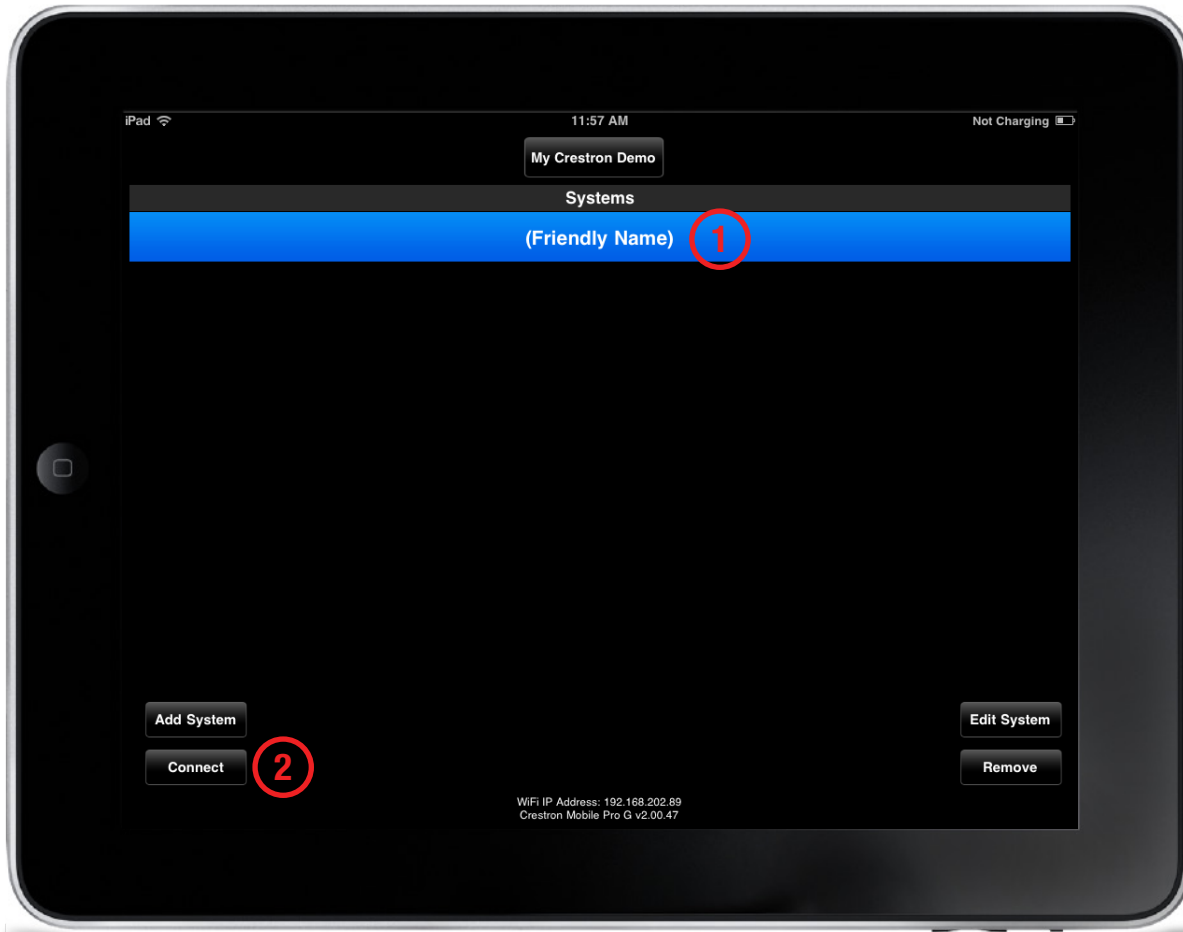
Adding Additional Devices

CRESTRON App Configure Instructions

- ① Touch "Friendly Name/Location: (Coach Model & Unit #)"
- ② Touch "Connect"

This should connect your iPad to your System Navigation Controls.

Always remember you must be connected to the desired Coach's WiFi before the Crestron App can connect!



Reloading the App

Crestron App Reload Instructions

Note: These instructions are for iPads with iOS 6 or earlier. If your iPad or iPhone is using iOS 7 or later, go to page 22.

- 1 From the home screen, double-click the Smart Button.



Reloading the App



Crestron App Reload Instructions

A box with all of your currently running apps will appear at the bottom of the screen.

Note: if your screen doesn't look like this, but instead shrinks the page into a smaller window on the screen above the app icons, then you have iOS 7 or newer. In that case, go to page 22 and follow those instructions instead.

- 1 Press and hold (long-press) the Crestron App until the icons begin to shake.



Reloading the App



Crestron App Reload Instructions

- 1 Next, press the red minus (⊖) in the top left corner of the icon. The Crestron icon should disappear.



Reloading the App

Crestron App Reload Instructions

- ① Press the Smart Button once to go back to the home screen.
- ② Select the CRESTRON App icon to reopen the app.



Reloading the App

Crestron App Reload Instructions

Note: These instructions are for iPads with iOS 7 or later. If your iPad or iPhone is using iOS 6 or earlier, go back to page 18.

- 1 From the home screen, double-click the Smart Button. All of your currently running apps will appear in windows with their icons underneath like you see in the image on the left.



Reloading the App



Crestron App Reload Instructions

- 1 Touch the window for the Crestron app and swipe your finger up to slide the app off the top of the screen. This will close the app.

You can also do this to close any other open apps if you want.



Reloading the App

Crestron App Reload Instructions

If all of your other apps are closed, you will be left with a window view of the Home screen like you see here. This window will always remain open and cannot be closed.

- 1 Press the Smart Button once to return to the Home screen.



Reloading the App

Crestron App Reload Instructions

- 1 Select the CRESTRON App icon to reopen the app.



Troubleshooting iPad Systems



Troubleshooting

Please follow all the steps closely in this manual.

FAQ

1. If the iPad does not connect to the graphics pages;
 - a) Follow the CRESTRON App Reload Instructions on pages 18-25.If that fails;
 - a) Unplug the router & prodigy for about 30 seconds
 - b) Plug the router & prodigy in and wait approx. 2 minutes (See "Connecting iPad to WiFi Instructions")
2. If the light buttons on the iPad stop switching the lights;
 - a) Check the RS232 converter connections / **See Picture for proper wiring to connector. It Is color coded.**
 - b) Check the RS232 converter lights RX=Receive for Feedback / TX=Commands (When a Light Button Is pushed)
3. If yes, check the RVC Network wire from the RS232 CAN Converter to the Electrical Panel. This RVC wire can be tested by plugging a working switch panel into the same socket as the RS 232 CAN Converter plugs into and pressing the switch panel button to confirm command & Feedback for this wire.
4. If the TV or any AV buttons on the iPad do not work;
 - a) Make sure the correct IR wires are plugged into the correct IR port on the rear side of the Prodigy.
 - b) Check the IR Emitter installations - Located where your device receives the IR Codes from your Handheld Remote.
 - c) For proper installation placement of the IR Emitter, see next page.

If you have worked on the iPad system for over 30 minutes and have not resolved the problem, call tech support for further assistance.

Router & Prodigy Installation



Warning: Prodigy and Cradle Point Router Power Adapters do not have the same voltage. Connect to the Correct Power Adapters

- 1 Connect the RS232 cable to COM1 on the Prodigy and to the COM side of the RS232 to CAN converter.
- 2 Connect the RS232 Can Converter to Multiplex System Wire.
- 3 Connect a Cat5 cable from the LAN connector on the Prodigy to the Cradlepoint Router Port 4

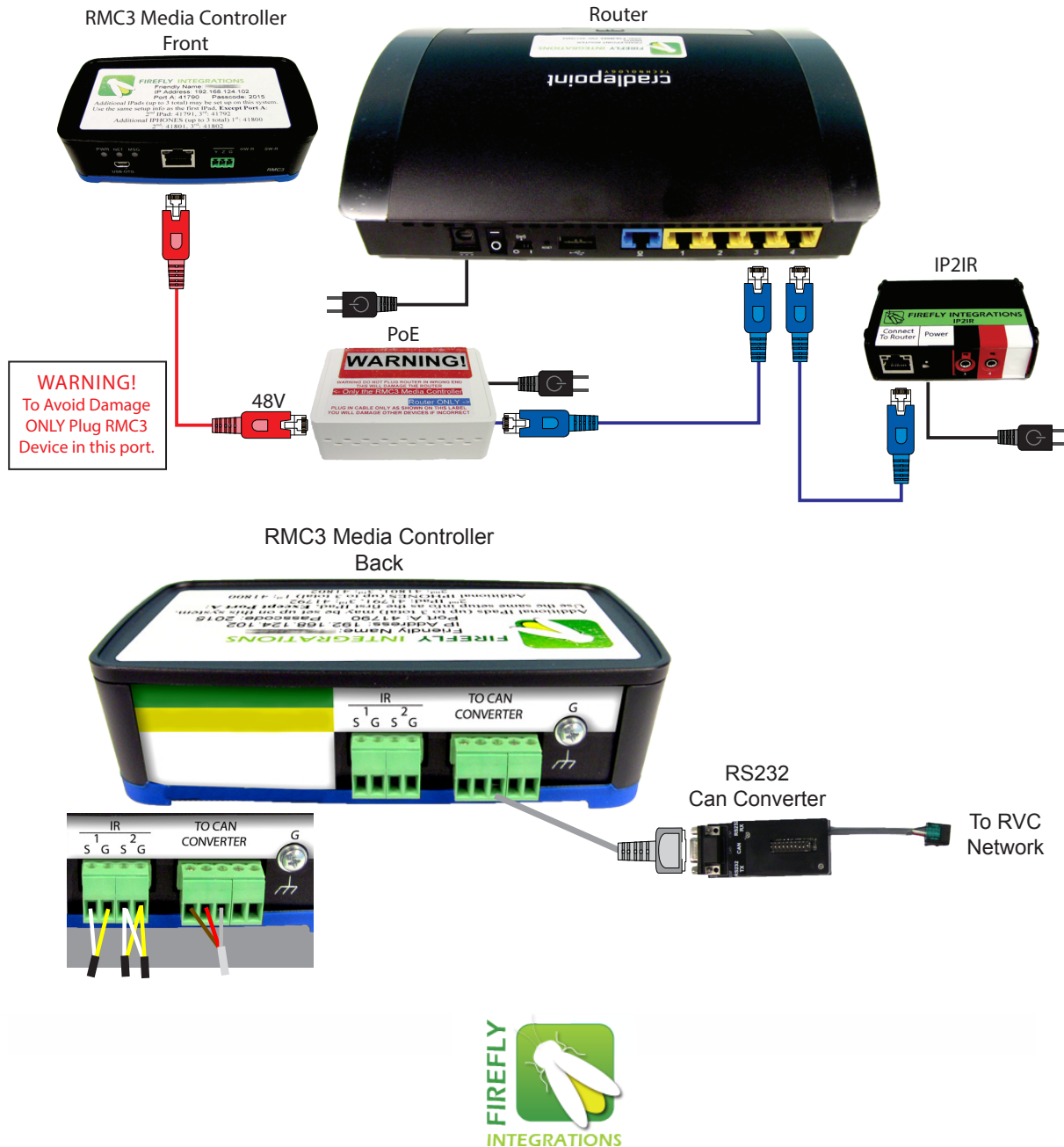
(Do not plug Cat5 in the LAN on the Router)

- 4 Make Sure WiFi Switch is on (Note Picture). Positioned Right is ON
- 5 Connect 12v Power Adapter to Router
- 6 Connect 24V DC Power Adapter to the Prodigy. It must operate with its own power supply from a 110V AC source.
- 7 Connect IR Wires from IR Emitters to match the label on the top of the Prodigy. Match the color coded wires to the color coded parts.

If you have worked on the iPad system for over 30 minutes and have not resolved the problem, call tech support for further assistance.



RMC3 Installation



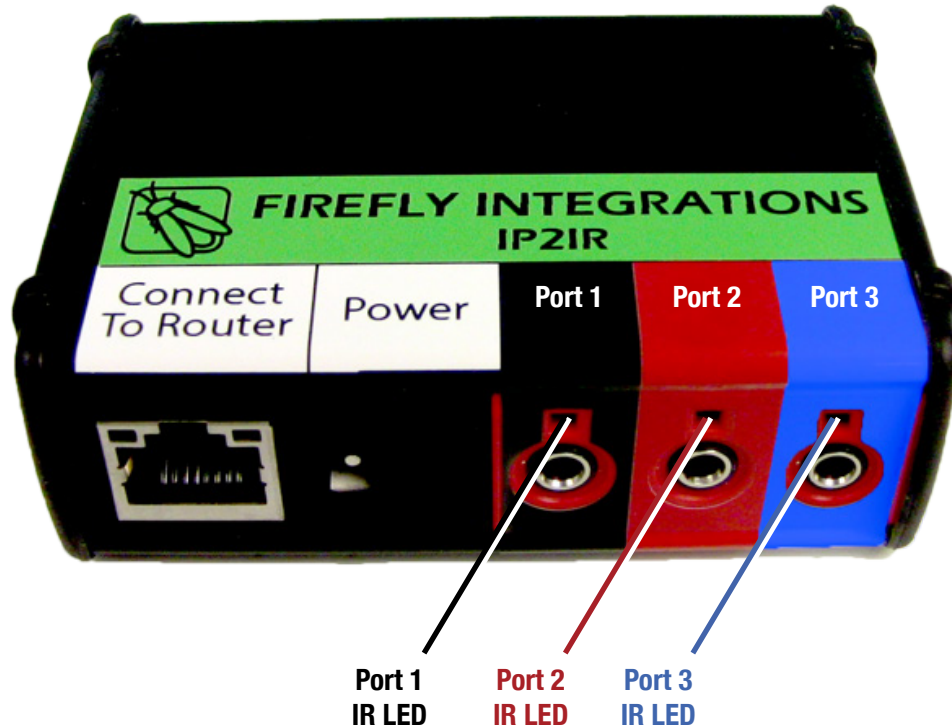
Troubleshooting

Please follow all the steps closely in this manual.

FAQ

1. If the iPad does not connect to the graphics pages;
a) Follow the CRESTRON App Reload Instructions
2. If that fails;
a) Double check that all the wiring is as shown on wiring Diagram
- If yes, then Unplug the router & processor Power for about 30 seconds
b) Plug the router & processor in and wait approx. 2 minutes
- (See "Connecting iPad to WiFi Instructions")
3. If the light buttons on the iPad stop switching the lights;
a) Check the RS232 converter connections / **See Picture for proper wiring to connector. It is color coded.**
b) Check the RS232 converter lights RX=Receive for Feedback / TX=Commands (When a Light Button Is pushed)
4. If yes, check the RVC Network wire from the RS232 CAN Converter to the Electrical Panel. This RVC wire can be tested by plugging a working switch panel into the same socket as the RS 232 CAN Converter plugs into and pressing the switch panel button to confirm command & Feedback for this wire.
5. If the TV or any AV buttons on the iPad do not work; (See this page and Next Page)
a) Make sure the correct IR wires are plugged into the correct IR port on the rear side of the Processor.
b) Check the IR Emitter installations - Located where your device receives the IR Codes from your Handheld Remote.
c) For proper installation placement of the IR Emitter, see next page.

IP2IR Installation



Troubleshooting

Please follow all the steps closely in this manual.

FAQ

1. If the TV or any AV buttons on the iPad do not work;
 - a) From the iPad make sure you are on the correct AV remote page then press multiple buttons on that remote page to flash the IR Port LED on the IP2IR. This means the IR signal is properly being sent to that port.
2. If Yes,
 - b) Make sure the correct IR wires are plugged into the correct IR port on the rear side of the IP2IR. **See Label on IP2IR for the proper ports for the IR emitter/wire. The wires are normally color coded.**
3. If Yes,
 - c) Trace the IR wiring to AV Device and ensure wiring is good and the IR Emitter is Installed properly.

To check the IR Emitter installation - See Examples on IR Emitter Installations pages.

If you have worked on the iPad system for over 30 minutes and have not resolved the problem, call tech support for further assistance.



IR Emitter Installations

Samsung TV IR Emitter Location



Troubleshooting IR Emitter Installations

IR Emitters are used to Control AV Devices from the Processor & iPad

If not installed properly your devices will not work from the iPad.

IR Emitters if not properly installed can sometimes fall off and then you won't have control over the Device anymore.

Before gluing IR Emitters on always check & Test exact location of IR installation from touching the buttons on iPad that control that device

The following Pages show Examples of Proper IR Installation.

You must test the IR Emitter by touching the buttons on iPad that control that emitter. Check the IR Labels on the Processor or IR Device to ensure wires are properly plugged in the correct ports.



IR Emitter Installations

BOSE Cinemate IR Emitter Location



Troubleshooting IR Emitter Installations

IR Emitters are used to Control AV Devices from the Processor & iPad

If not installed properly your devices will not work from the iPad.

IR Emitters if not properly installed can sometimes fall off and then you won't have control over the Device anymore.

Before gluing IR Emitters on always check & Test exact location of IR installation from touching the buttons on iPad that control that device

The following Pages show Examples of Proper IR Installation.

You must test the IR Emitter by touching the buttons on iPad that control that emitter. Check the IR Labels on the Processor or IR Device to ensure wires are properly plugged in the correct ports.

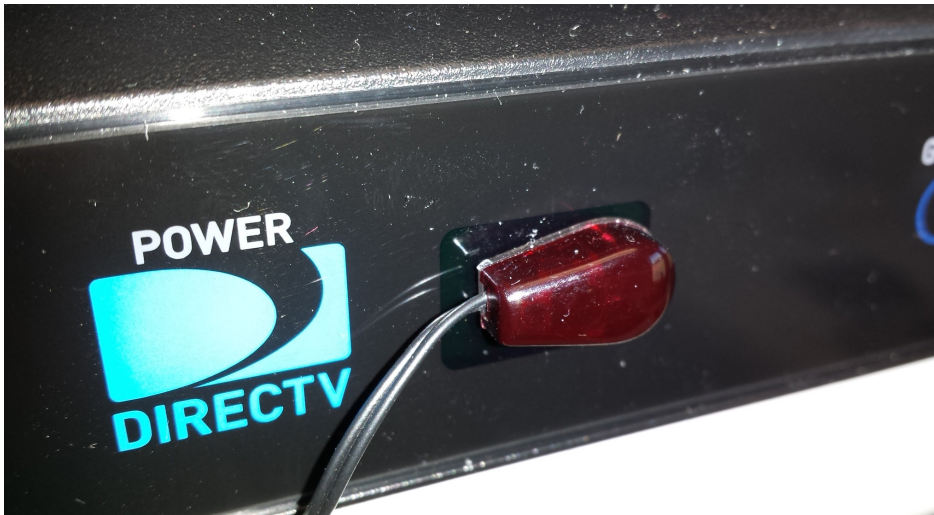


IR Emitter Installations

Samsung Blu-ray IR Emitter Location



DirecTV IR Emitter Location



Troubleshooting IR Emitter Installations

IR Emitters are used to Control AV Devices from the Processor & iPad

If not installed properly your devices will not work from the iPad.

IR Emitters if not properly installed can sometimes fall off and then you won't have control over the Device anymore.

Before gluing IR Emitters on always check & Test exact location of IR installation from touching the buttons on iPad that control that device

The following Pages show Examples of Proper IR Installation.

You must test the IR Emitter by touching the buttons on iPad that control that emitter. Check the IR Labels on the Processor or IR Device to ensure wires are properly plugged in the correct ports.

IR Emitter Installations

BOSE SOLO IR Emitter Location



Troubleshooting IR Emitter Installations

IR Emitters are used to Control AV Devices from the Processor & iPad

If not installed properly your devices will not work from the iPad.

IR Emitters if not properly installed can sometimes fall off and then you won't have control over the Device anymore.

Before gluing IR Emitters on always check & Test exact location of IR installation from touching the buttons on iPad that control that device

The following Pages show Examples of Proper IR Installation.

You must test the IR Emitter by touching the buttons on iPad that control that emitter. Check the IR Labels on the Processor or IR Device to ensure wires are properly plugged in the correct ports.

