Wireless IR Repeater System User Manual (V4)

Model # INT-3856A-WRLS

Contact us at: *Universalremotes.net or Intesettech.com*

(See Note under Troubleshooting about using DirectTV, Dish, Tivo and other SAT boxes)

Features:

1. Connect wired devices wirelessly using IR signals.
2. Control most home entertainment devices within hundreds of feet of open space.

Specifications:

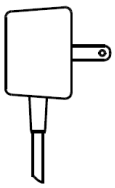
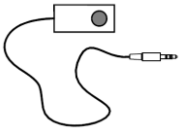
IR (20-60kHz):

1. Works great with the ***Inteset INT422*** remote and most/all Universal full band carrier frequency infrared (IR) Remotes
2. Better IR Signal sensitivity creates improved signal distance

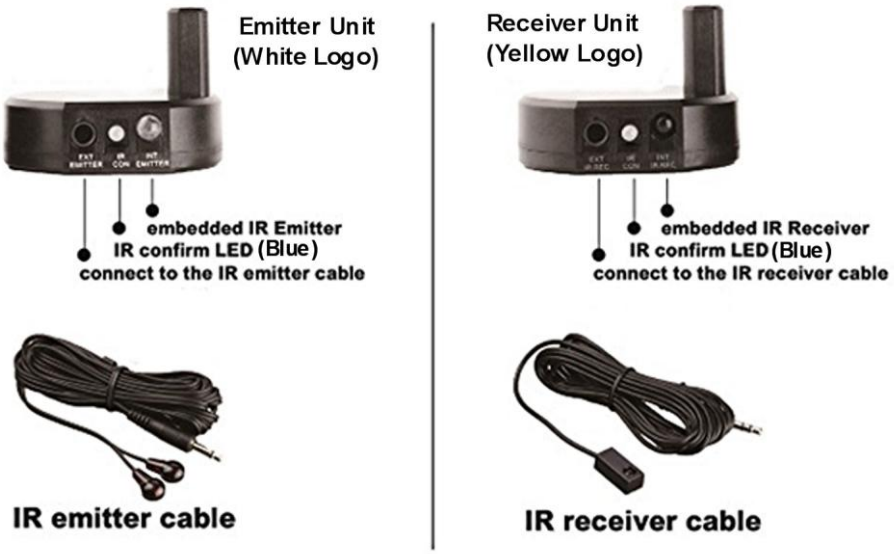
RF:

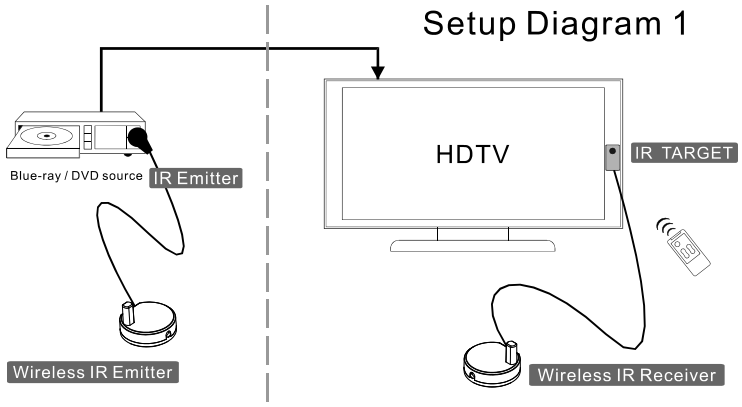
1. 915MHz RF technology built to ignore current 433MHz RF-interference (Base Units)
2. FSK modulation:
    - Better signal sensitivity than ASK modulation
    - Better Anti RF-interference than ASK modulation & Better *noise suppression*
3. Digital technology with frequency hopping to minimize RF-interference
4. Digital encrypted function to ensure privacy, safety and reliability
5. Power**:** 5VDC/500mA -You can use the adapter included or you can use a USB cable which is available on Amazon-Contact us if you have any questions or cannot find the listing.

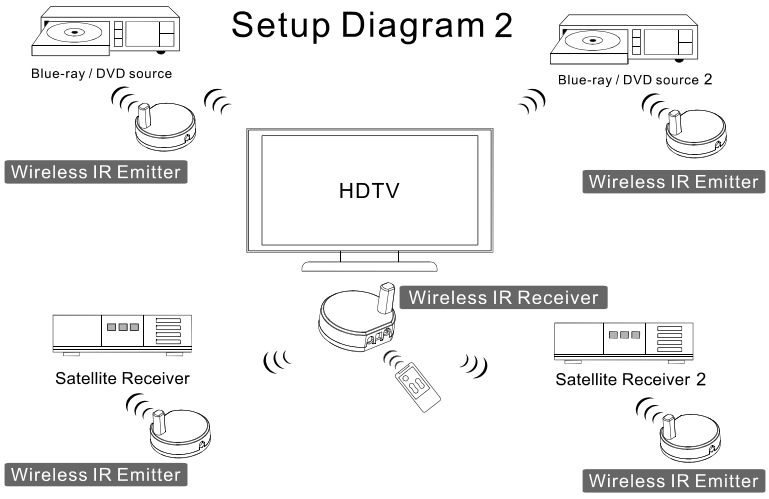
Kit Includes:

Switching power supply	Dual IR Emitter cable w/extra adhesive pads	IR Receiver cable	IR Receiver Unit Yellow Logo-Top	IR Emitter Unit White Logo-Top	User Manual
 Adapter			Yellow Print	White Print	

Setup Illustrations-Multiple Receiver and or Emitter units can be used in the same system







Additional IR Emitter Units available upon Request

Installation Steps

Step1: Place the IR Receiver Unit (Yellow Logo) in your desired location (For Example: on or next to the bezel of your TV or Display). Plug the IR Receiver Cable into the jack on the IR Receiver Unit and mount the Receiver bud within the line-of-sight of where you will point your remote.

Step 2: Place the IR Emitter Unit (White Logo) and IR Emitter Cable on or near the device(s) you want to control. (Cable box, STB, etc.). Mount one of the emitter buds on the Emitter Cable directly on each of the IR sensor(s) of the device(s) you want to control.

Step 3: Press all cables FIRMLY into their respective jacks.

Step 4: Connect the 5v. power supply adapter to each unit where labeled "5VDC". Press in FIRMLY. Plug the power supply adapter into any 110v wall outlet. *Tip: You can replace power adapters with a USB cable plugged into any 2.0v USB jack. USB cables are available.*

Step 5: Point the remote at the IR Receiver bud and press a button. The Blue LED should flash.

Troubleshooting- (Check our Forum at: *https://intesettech.com/index.php/forum/*)

Issue	Problem	Solution
1	The "IR CON"(Confirm) LED doesn't blink when I press the remote control. **Note: Dish, DirectTV, Tivo and some other SAT/Cable boxes use Radio Frequency(RF) remotes in some models of their products. Be sure that you switch your box to IR, if that is the case. This product only works with IR remotes and devices that accept IR signals.** This device only uses RF between base units. It cannot communicate with RF devices other than our receiver and emitter units.	Make sure the power supplies are firmly plugged into the IR Receiver and IR Emitter Units. Press a remote control button near the IR Receiver to see if the IR signal from the remote is received. The Blue LED will flash on both units. There should be a clear line-of-sight to the IR Receiver Unit (Yellow Logo). Use the IR Receiver Cable and plug it into the "EXT IR REC" jack on the Receiver Unit and mount on your TV bezel. Make sure the IR Emitter Cable is connected to the "EXT IR EMITTER" jack on the IR Emitter Unit (White Logo). One of the two Emitter Buds of the IR Emitter Cable should be placed over the IR sensor of the device you want to control. (Cable Box, BR Player, etc.). *See our Forum*. After the system has been set-up, press a button on the remote control. The "IR CON LED" should flash Blue on both base units.

2	The IR CON LED, blinks upon receiving a signal from the remote control, but the target device does not react as expected. Note: The blue LED on each unit should blink once when first plugged into the power cable. It just blinks. It does not stay on.	Make sure the embedded IR Emitter in the base Unit (White Logo) is pointing directly at the IR sensor in the target device which you want to control. (Cable Box, BR Player etc). *See our Forum for tips on locating IR sensors.* If using the IR Emitter Cable. It should be connected to the "EXT EMITTER" jack and one bud on the other end should be directly on top of the IR sensor in the device that you want to control. Be sure the signal from the remote is not blocked at the Receiver end and that the emitter cable plug is pressed firmly into the Emitter Unit. Make sure the IR Receiver Cable is connected to "EXT IR REC" jack of the IR Receiver Unit. When the system has been set-up, press a button on your remote control. The IR signal should control the target device and the IR LED on both base units should flash Blue.
3	The distance between remote control and IR Receiver is short (less than 15 feet)	Be sure the batteries in the remote control are good- replace the batteries in your remote. Be sure that the Emitter bud is directly over the IR sensor of the target device (Cable box etc.).
4	The target device does not work after setting up the wireless IR system.	Review the steps taken during set-up to be sure all aspects are correct.
5	I have connected the units the way the user manual instructs, but I still cannot get this kit to work.	Any kind of thick or dense material such as concrete, wood or metal can affect the signal. Try relocating one of the units closer to the other to test if the system works. If it does, you will need to relocate the device(s) you want to control.
6	The manual says it can work "up to hundreds of feet of open space". Why is it less than 100 feet in my installation?	"Open space" means there's nothing between the IR Receiver and IR Emitter Units. The useful distance is greatly reduced by furniture, walls and floors, especially in construction or materials where metal or stone is used.