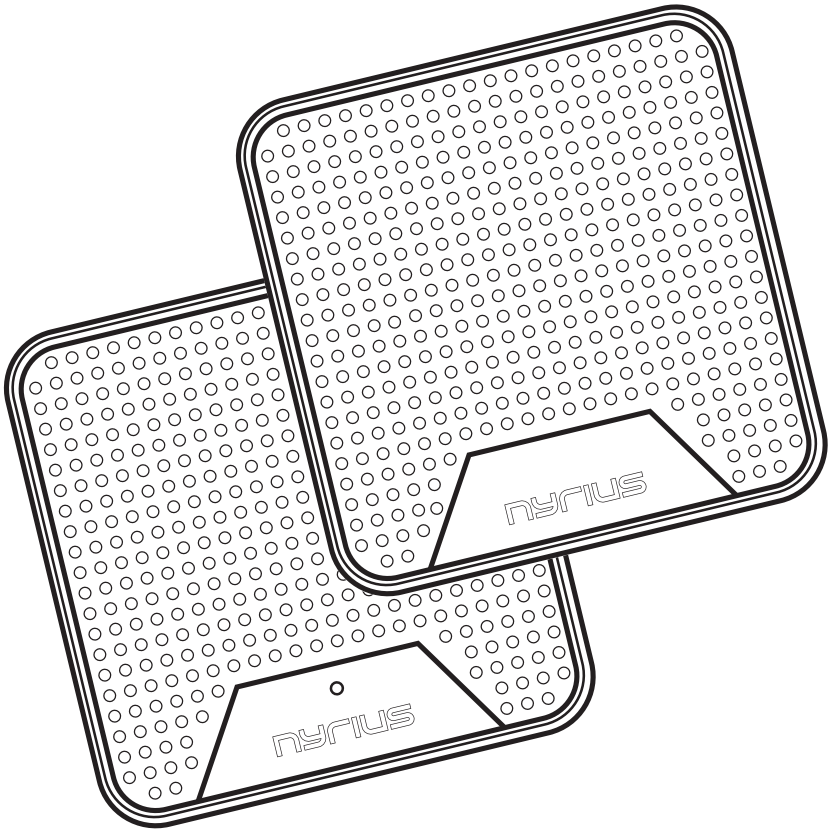
nyrius® WS54

QUICK START GUIDE



For additional product information, please consult the manual at: NYRIUS.COM/SUPPORT

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QUICK START GUIDE

BEFORE YOU BEGIN!!

WHAT IS AN IR EXTENDER CABLE?

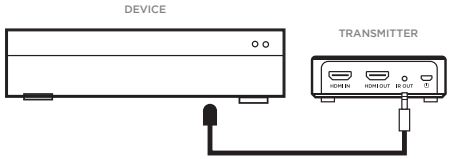
The WS54 comes with an IR extender that allows you to control your source device with its remote from the TV's location. The remote's IR signal is transmitted by the receiver to the transmitter and then through the IR extender to the source device.

NEED HELP FINDING YOUR IR SENSOR?

Cut a piece of cardboard to the same size as the front panel of your source device and place a 1 inch hole in the middle of the cardboard. Power ON your source device and play a movie or other video content. Place the cardboard hole over the left side of the source device and using the source device's remote control directly over the cardboard hole, press the pause button repetitively while gradually moving the cardboard hole from left to right making sure to keep the remote control's beam directly over the cardboard hole. Once the source device recognizes the pause button being pressed, you have located the position of the remote control IR sensor on the source device and that is where you will place the IR Extenders sensor.

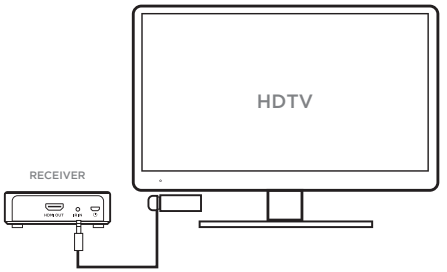
01 TRANSMITTER

1. Plug the IR Extender cable in to the IR "Out" jack of the transmitter.
2. Position the IR Extender head in front but not on the IR sensor of your HD audio/video source device(s).



02 RECEIVER

1. Ensure the front of the WS54 IR Extender Cable is visible to receive the commands of the remote.



NOTE: Obstacles will decrease the distance of the IR extender. Transmitter and source devices connected to the Transmitter must all be in line of sight for IR control.

For additional product information, please consult the manual at: NYRIUS.COM/SUPPORT

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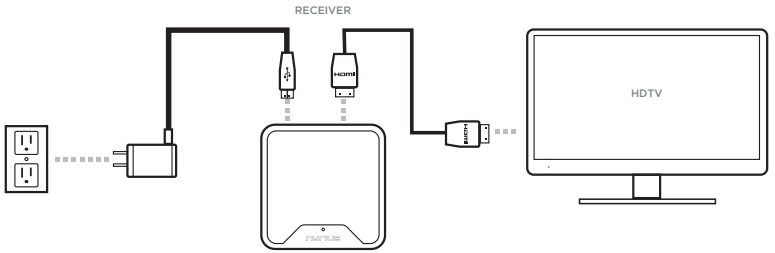
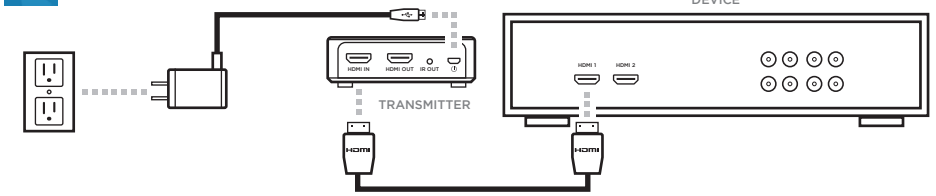
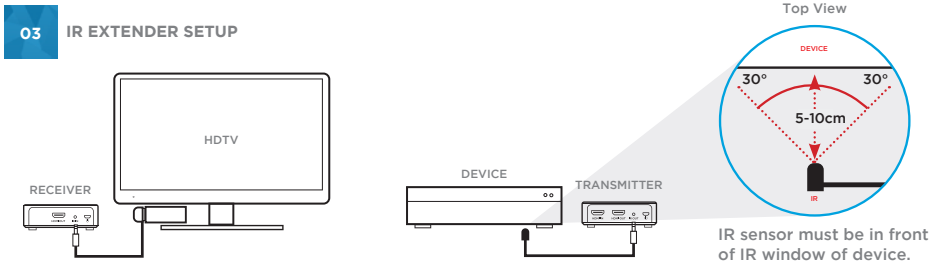
01 RECEIVER



02 TRANSMITTER



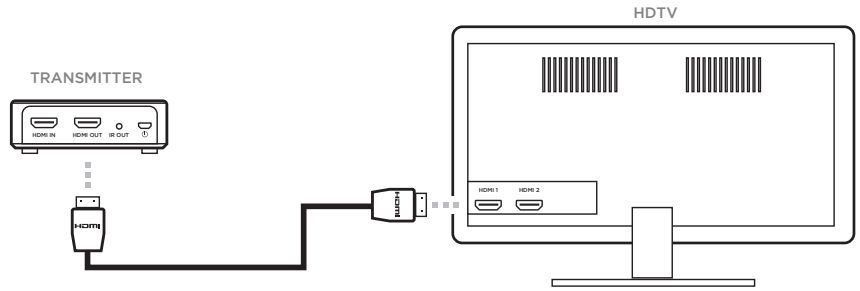
03 IR EXTENDER SETUP



IR sensor must be in front of IR window of device.

* Obstacles may decrease transmission distance. Interference may come from other wireless devices using 5GHz band.
* For maximum performance, please use the included power adapters.

04 OPTIONAL: HDTV TO TRANSMITTER



NOTE : TV connected to receiver and TV connected to transmitter will always display same content.

!!! SPLASH SCREENS

CONNECTING SCREEN:
Receiver is searching for Transmitter. Please wait.

TROUBLESHOOTING SCREEN:
Will appear when transmitter is not found to assist the user.

NOTE: The WS54 Receiver is still actively seeking to connect with the Transmitter.

PAIRING MODE SCREEN:
Receiver has entered manual pairing mode.

FAQ

Thank you for your purchase of the Nyrius WS54. If you require any assistance please review the below Frequently Asked Questions.

1. **WHAT DOES THE STATUS OF THE LEDS MEAN?**

SOLID WHITE	LINKED	Transmitter/Receiver is linked.
FLASHING WHITE	SEARCHING	Transmitter/Receiver not in range. No HDMI Input connected.
SOLID RED	POWER ON	The WS54 is now powered on and will begin connecting shortly.
FLASHING RED (Transmitter)	PAIRING MODE	The WS54 transmitter has now entered pairing mode and will attempt to pair to a receiver which is also in pairing mode.

2. **WHAT IS THE MAXIMUM TRANSMISSION RANGE?**
   The maximum range is 100 feet line of sight. If transmitting through walls or obstacles the range will be reduced.

3. **WHAT STEPS CAN I TAKE IF THE IR EXTENDER IS NOT WORKING?**
   To locate the IR sensor on your device, please contact the manufacturer of your HDMI enabled product. (E.G. Cable box, Blue Ray player, DVD Player). The available frequencies are 38 – 58 KHz.

4. **HOW DO I TRANSMIT TO MULTIPLE RECEIVERS?**
   The WS54 can transmit to up to four receivers simultaneously. Please consult the manual at Nyrius.com/support for detailed instructions.

5. **THE WS54 APPEARS WARM AFTER PROLONGED USE.**
   To transmit 3D or Full HD content wirelessly, the WS54 must process a large amount of data. Due to this, the unit may run at warmer temperatures than other electronic devices. We have designed the housing to provide proper ventilation to the unit as well as have designed the electronic components to withstand temperatures up to 80°C. To ensure maximum performance ensure both the Transmitter and Receiver are placed in well ventilated areas that do not exceed 30°C.

6. **WHAT ARE THE TROUBLESHOOTING STEPS IF NO VIDEO IS DISPLAYED?**
   The Transmitter/Receiver may require a few seconds to connect. Ensure the correct HDMI video input is selected on your TV and that your HDMI cables are connected properly. Check that your video resolution from the source device is set to 1080p, 1080i, 720p, 576p, or 480p. Please ensure the WS54 is not located near a wireless access point as interference may affect connectivity.

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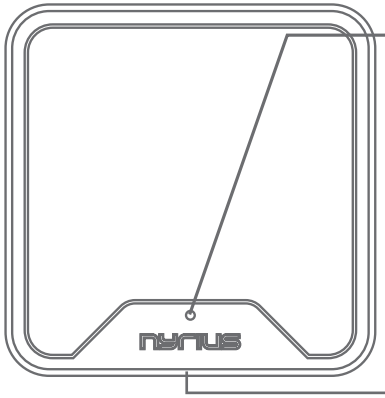
LED BEHAVIOR



WHEN CONNECTED:
LED will remain solid white permanently

WHEN NOT CONNECTED:
LED will turn on for 1 second, then off for 3 seconds and repeat

PAIRING BUTTON:
To use to pair with additional receivers or to manually repair included Transmitter and Receiver.

NOTE: Transmitter and Receiver are already paired when manufactured.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions,may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IC STATEMENT:

This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.