

PARALINX ARROW+

USER MANUAL

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INTRODUCTION

Thank you for purchasing the Paralink Arrow Plus, multicast HD wireless video system. Your Arrow Plus transmitter can connect your camera or video source to **up to four (4) Arrow Plus Receivers** with no loss in performance.



INCLUDED IN KIT

- 1 Parallax Arrow Plus Transmitter or Receiver
- 1 P-Tap to USB Parallax REGULATOR
- 1 Usb to Receiver or Transmitter
- 1 AC Wall outlet to Receiver or Transmitter
- 1 HDMI Coupler (Transmitter)
- 1 IR Sensor (Receiver)
- 1 IR remote control (Receiver)
- 1 User Manual



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TRANSMITTER

1. Registration button — used to link the transmitter to a receiver unit.
2. “Picture” LED indicates when transmitter unit is receiving a supported signal and is capable of video sync to one or more receivers
3. “Sync” LED indicates status of the transmitter / receiver connection. If flashing, transmitter has lost or is searching for a connection to receiver units
4. HDMI connector — connect to your desired video output source to originate your video signal
5. Mini USB port — Arrow Transmitter receives power through this mini USB port

RECEIVER

1. 5V DC power input port — DO NOT FEED OVER 5V!
2. IR Sensor Port — used for connecting IR sensor to add additional receiver units to a network
3. Mini USB port — used for possible future firmware upgrades and repairs
4. "PICTURE" LED indicates when receiver unit is receiving a supported signal
5. "SYNC" LED indicates status of the transmitter / receiver connection. If flashing, receiver has lost or is searching for a connection to receiver units
6. HDMI port — video output
7. ¼ 20" Screw hole — CAUTION! Attempting to over-tighten into this may crack casing and damage receiver unit.



*7. 1/4 20" Screw hole on back of Receiver Face

PRODUCT FEATURES

- Up to 328 feet line of sight transmission, results will always vary depending on production environments.
- Supports multiple frame rates and resolutions
- Uncompressed: 10 bit 4:2:2 1920×1080 Video
- Extremely low latency — less than 2 ms delay
- Connects using HDMI
- Supports up to 7.1 audio channels
- Very low power consumption — Transmitter and Receiver run off of 5V
- Wireless connection via MIMO/OFDM operating within 5.1–5.8 GHz range
- Plug and Play — no setup required
- Utilizes dynamic frequency selection to parse out interference and switch channels for optimal transmission results
- 256 bit encryption of transmitted signals

- FCC, CE and ROHS Certified
- HDMI video input / output
- Supported frame rates: 23.98p, 24p, 25p, 29.97p, 30p, 50i, 50p, 59.94i, 60i, 60p

QUICK START GUIDE

The Paralinx Arrow Plus wireless system is plug and play with no interface required once you have added your receiver(s) to the transmitter source.

1. Plug in Transmitter to power and video signal
2. Plug in Receiver to power and video monitor
3. Plug in IR sensor to Receiver unit
4. If no transmitter is linked on your receiver the following message will be displayed:

Select Video Source

5. Press the "OK" button on Remote to enter Setup Menu.
Select "Add New Video Source."

Setup

■ Add New Video Source

6. Within a minute the registration process will start on both the Transmitter and Receiver. The following message will appear:

Please Activate Registration on Transmitter Unit

7. Press the registration button on your transmitter for 3 seconds and release.

*Note: Once the syncing process started on the receiver, there is one minute to initiate registration on the transmitter side. If the syncing process on the transmitter was not started on time, the syncing process will have to be restarted from stage 5.

8. Press the "OK" button on remote control to register the Transmitter:

8.B Wait for the progress bar to complete and your new receiver should be successfully synced to the desired transmitter.

REGISTERING MULTIPLE RECEIVERS

To add additional Receivers simply Power Down any synced Receivers and Follow Steps 1– 8 for Each Additional Receiver.

TROUBLESHOOTING

- a. If transmitter “SYNC” light is solid, but “PICTURE” is flashing, check your video source to ensure it is a supported frame rate or resolution and double check the video connection is established.
- b. If transmitter “PICTURE” LED is solid but “SYNC” is flashing, check if Receiver unit is powered up and in range of Transmitter.
- c. If The NETWORK LED flashes rapidly and there is no display on the monitor, power cycle the unit. If the issue remains, the device might be faulty. Please contact PARALINX support team.

WARRANTY

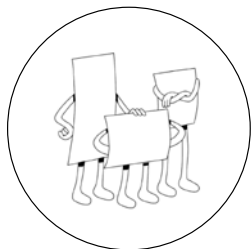
Paralinx LLC warranties to the first end-user, that the product will, under normal use, be free from defects in workmanship and materials when received in its original container for a period of one year from the purchase date, according to the original sales receipt or invoice.

This warranty is extended to the purchasing end-user only and proof of purchase is necessary to honor the warranty. If there is no proof of purchase provided with a warranty claim, Paralinx LLC reserves the right to apply charges for parts and labor where they may be applicable.

This warranty does not apply to product exterior and cosmetics. Misuse, abnormal service or handling, alterations or modifications in design, construction and / or use, void this warranty. No sales personnel, representative, dealer, distributor or any other person is authorized to make any warranty other than the parameters outlined above or to extend the duration of any warranties on behalf of Paralinx LLC beyond the time period described above.

Concerns not addressed in this posting
may be brought up in correspondence with
our Technical Support Department.

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