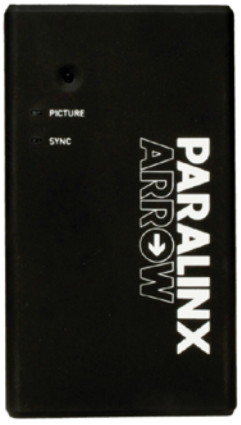
PARALINX
ARROW

QUICK START GUIDE

PLUG AND PLAY SETUP
1. Connect Transmitter to output source via HDMI
2. Connect Transmitter to 5v power source via USB - Mini
3. Connect Receiver to input via HDMI
4. Connect Receiver to 5v power source via 5v power plug
5. Display will read "Connecting to Arrow####" and then upon sync, will read out the resolution and frame rate of the transmitted signal
6. When properly connected, both blue indicator lights on the Receiver and Transmitter will be illuminated solidly.

*** If you see the "Sync" light illuminated but the "Picture" is off or blinking, that means that your video source is not passing an image through to your transmitter—if so, please troubleshoot your video source.
*** If the "Sync" light is not illuminated, the Receiver and Transmitter are not connected. The best way to establish a better connection is to improve the line of sight and proximity of the Arrow units to one another.

Transmitter



Receiver

CHANGING RECEIVER / TRANSMITTER PAIRING
1. Connect IR sensor to Receiver via IR connector plug
2. Using remote control select Menu to bring up menu options
3. Menu will prompt "Please activate registration on transmitter unit."
4. Press the button on the new transmitter you would like to pair with.
Hold down button and new pairing will be selected.

To Enable Long Dynamic Frequency Selection Test Band 2 & 3
These bands are pending FCC approval and for use outside the US only. May increase range and effectiveness

1. To enable DFS test frequencies select "Advanced Settings from menu
2. Select "Enable DFS Band 2 and 3"

ATTENTION!!!
The Arrow system utilizes powerful microprocessors that run continuously while powered. It is important to protect them from overheating by limiting exposure to direct sunlight and maintaining space for the ventilation ports of the devices. Please allow for adequate cooling of the devices and power supplies when not in use.

Thanks!
Paralinx

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THANK YOU FOR PURCHASING THE PARALINX ARROW

The Paralinx Arrow PX888 r/t wireless HD audio/video transmission system

The PARALINX ARROW PX888T and PX888R wireless video system provides filmmakers the freedom to monitor an uncompressed HD signal without the constraint of hard—wired cables

Simply connect your high-resolution monitor to the receiver unit with an HDMI cable, connect the transmitter to your camera via an HDMI unit or cross—converter and view your picture wirelessly.

The ARROW delivers uncompressed 10 bit 1920x1080 video and audio from your camera to your monitoring system wirelessly. It operates the transmission in 5.1 GHz~ 5.9 GHz frequencies and it utilizes dynamic frequency selection to automatically adjust its communication frequency in case of interference from other RF systems. With built-in omni-directional antennas, it can transmit up to 320' LOS (Line o f sight) with less than 2ms latency.

SUPPORTED RESOLUTIONS/FORMATS:
1080i/1080p/720p/576p/480p
60p/60i/59.94i/50i/29.97p/25p/24p/23.98p/23.98psf

Can Transmit RGB or YCbCr Color Sampling

Check your camera and cross converter to make sure output settings are correct for both devices.

Please take the time to read this user manual before using the PARALINX ARROW. It contains important information about operating your ARROW wireless HD System.

This limited warranty applies when the product is handled properly for intended use, in accordance with operating instructions. However, the warranty may be void in the following cases:

> Repair, product modification or alteration have been performed by unauthorized service personnel
> Damages caused by accidents, including but not limited to, lightning, water, fire, moisture, or other physical harm to the unit.
> Use of an AC or DC Power Supply not compatible with the product and its voltage rating
> Any information on the product has been altered, deleted, removed or made illegible.

SAFETY PRECAUTIONS
WARNING!
RISK OF ELECTRICAL SHOCK DO NOT OPEN
WARNING: TO REDUCE THE RISK OF ELECTRICAL SHOCK DO NOT REMOVE THE COVER NO USER-SERVICEABLE PARTS ARE INSIDE REFER SERVICING TO QUALIFIED PERSONNEL

Danger: Be careful with electricity.
> Power to the units should be switched off before connecting or Disconnecting HDMI interfaces.
> Power outlet: To prevent electric shock,make sure to use the appropriate AC and DC adapters as power supplies to the transmitter and the receiver.
> Power cables: Be sure the power and signal cables are routed so that they will not be stepped on or pinched other objects.
> Power overloading: Avoid overloading electrical outlets or DC Circuits which otherwise could result in electric shock, Fire, or Over Amperage.
> Lightning: Disconnect the ARROW in a Thunderstorm to protect yourself and the device.
> Always disconnect the power cable from the ARROW when not in use to reduce risk of overheating, fire, or electrical shock.

WARNING
> The ARROW should not be exposed to dripping or splashing.
> To avoid electric shock, never stick anything in the slots on the case or remove the cover.
> Mount the receiver/transmitter to a flat, hard and stable surface
> Do not block the ventilation slots on the receiver/transmitter or place any heavy object on it.

Blocking the air flow could damage the receiver. Arrange components so that air can flow freely around the receiver. Ensure that there is adequate ventilation if the receiver is placed in a stand.
Put the receiver/transmitter in a property ventilated area, away from direct sunlight or any source of heat.
> Water Exposure: To reduce the risk of fire or electric shock, do not expose the receiver/transmitter to rain or moisture.

DECLARATION OF CONFORMITY
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, and (2) This device must accept any interference received, including interference that may cause undesired operation.

EMI (Electro Magnetic Interference) tested.
EN 55022 Information technology equipment—Radio disturbance characteristics—Limits and methods of measurement
EN 61000-3-2 Electromagnetic compatibility (EMC)—Part 3-2:Limits—Limits for harmonic current emissions(equipment input current up to and including 16 A per phase

EN 61000-3-3 Electromagnetic compatibility (EMC)—Part 3:Limits—Section 3: Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current 16 A per phase and not subject to conditional connection
EN 55024
Information technology equipment—Equipment—Immunity characteristics—Limits and methods of measurement
EN 301 489-1
Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
EN 301 489-17
Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro magnetic Compatibility(EMC) standard for radio equipment;
Part 17: Specific conditions for 2,4 GHz wideband transmission systems, 5GHz high performance RLAN equipment and 5,8 GHz Broadband Transmitting Systems
EN 60065
Audio,video and similar electronic apparatus—Safety requirements

TRADEMARK INFORMATION

HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks of HDMI Licensing LLC.
PARALINX is a Trademark of PARALINX, LLC.

SPECIAL NOTICE

> ARROW is Designed for use in a Motion Picture Studio Environment Never use this product nearby an aircraft or medical facility as there may be devices that can cause interference.
> Use of the ARROW in the following locations may result in abnormal video and audio output (noise, blocked image... etc,)
> ARROW installed in the walls made of concrete.
> ARROW situated near heavy metal or Glass objects.
> ARROW situated near large tanks of water or under water.
> A cluttered location where the wireless signals may be blocked.
> The product has been tested and manufactured to comply within regulatory safety limits. However, there is no guarantee that interference will not occur in some locations. PARALINX is not liable for unauthorized use in any location, and not responsible for any interference that the device may receive or create
> ARROW may interfere with 5GHz wireless devices, and it can use Dynamic Frequency Selection to avoid interference, however there may be situations where interference is unavoidable. PARALINX is not responsible for any interference that may occur. We recommend moving the receiver closer to the transmitter on a stand if necessary.
> Optimal range between ARROW transmitter and receiver is between 1 foot and 200 feet within line of sight. Maximum range obtained was 320' line of sight. Results may vary depending on environment and other signals.

CAUTION: USING OF RF MODULES IN THE U.S.

> Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
> This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.
> Outdoor operations in the 5150 ~ 5250MHz, 5600~5650MHz band are prohibited.
> This device has no Ad-hoc capability for 5250~5350MHz and 5470~5725MHz.

SYSTEM WARNING

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT
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 receiver.
> Consult the dealer or an experienced ARROW Technician for assistance. Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.
> This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.
> Outdoor operations in the 5150~5250MHz, 5600~5650MHz band are prohibited.
> This device has no Ad-hoc capability for 5250~5350MHz and 5470~5725MHz.
> Outdoor operations in the 5470~5725MHz band are prohibited. This device could not be used in the 5600~5650MHz.
> The device does not operate in 5600~5650MHz.

CAUTION: Using This System in Canada

> Industry Canada regulatory information Operation is subject to the following two conditions:
1. This device may not cause interference,
2. This device must accept any interference, including interference that may cause undesired operation of the device.
> The user is cautioned that this device should be used only as specified within this manual to meet RF exposure requirements. Use of this device in a manner inconsistent with this manual could lead to excessive RF exposure conditions.