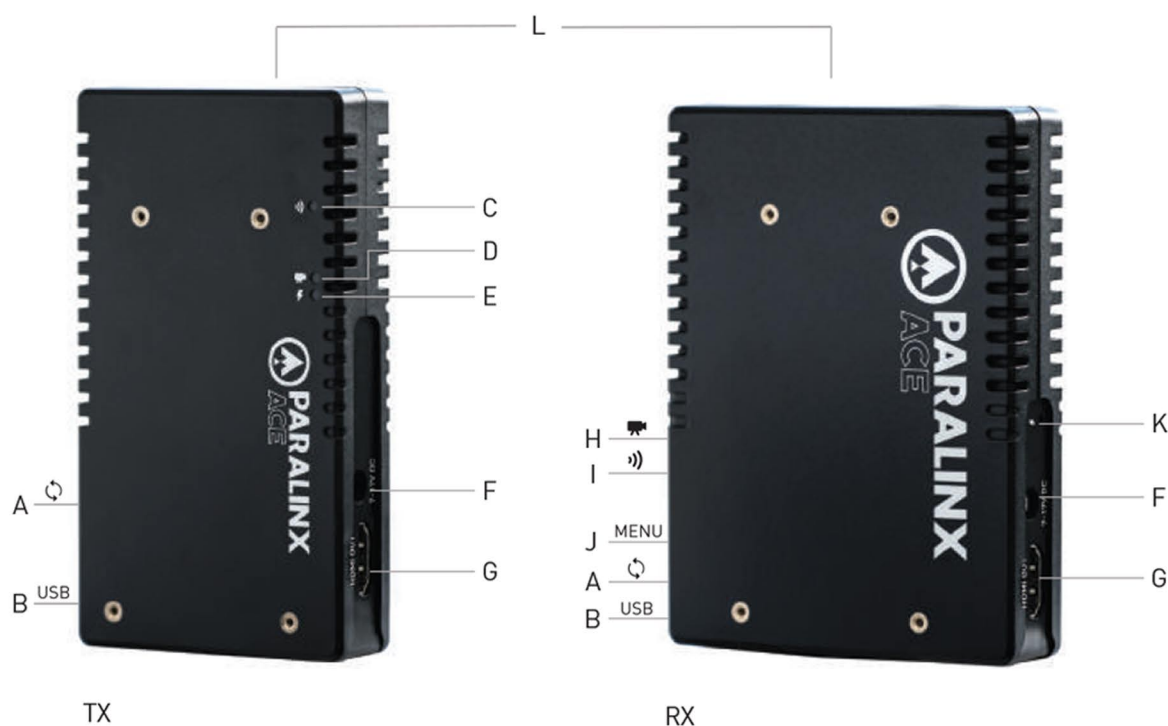# PARALINX ACE

ACE HDMI
QUICK START GUIDE

Paralinx Ace is a zero-delay wireless video transmission system designed for the most demanding cinema, video, broadcast and UAV production applications. With a latency of less than 1ms the Paralinx Ace transmits 1080p60 4:2:2 video up to 300ft / 100m line of sight over the fully certified unlicensed 5.1-5.8ghz band.

TX

RX

A: Reset Button	D: Video Status LED	G: HDMI Input	J: Menu Joystick
B: Mini-USB Port	E: Power Status LED	H: Video Status LED	K: Power Status LED
C: Link Status LED	F: 7-17V DC Input	I: Link Status LED	L: Internal Antennas

ON-SCREEN DISPLAY OPERATION

STATUS SCREENS	Launch the status screen by depressing the Joystick (J), and cycle through the screens by pressing the Joystick up, down, left or right
MAIN STATUS	This screen displays the status of the wireless receiver, along with the current video resolution, frequency, and link quality (if connected)
TEMPERATURE STATUS	This screen displays the status of the current internal temperature of the unit
MENU OPERATION	Launch the menu by pressing RIGHT while the OSD is active. Exit the menu by pressing LEFT
TEST PATTERN	Select a video output format from this menu to output a test pattern over HDMI. Return to the previous video by pressing left on the 'Menu' joystick.
PAIRING	Select Pairing to link your receiver with another transmitter. Once pairing is activated on the receiver, turn on the transmitter and use a paper clip to hold the reset button (between the DC input and power switch) for 1 second and release. The red warning LED and link LEDs will blink to indicate that pairing is active
OSD SETTINGS	Choose when to display the OSD. By default, the OSD is displayed when the link is down. "Hidden by default" hides the OSD until it is activated by the joystick. If "Always show OSD" is selected, the OSD will be displayed unless deactivated by the joystick
RESET ALL SETTINGS	Resets all configurable options to their factory settings
DEVICE INFO	Displays the model and serial number

CONNECT AND POWER YOUR DEVICE

1 Connect the output from your video source to the HDMI input (G) on the Paralinx Ace transmitter. Connect either the HDMI output from the Paralinx Ace receiver to the video input on your monitor.

HDMI

2 Connect power to your Paralinx Ace transmitter using the included P-Tap to Barrel cable. Power the Paralinx Ace receiver with the included A/C adapter or battery plate accessory. If using a battery plate, connect a compatible battery to the plate, then connect the short cable from the plate to the receiver's DC input (F).

AC ADAPTER

P-TAP TO BARREL

CUSTOM / 3RD PARTY CABLES

1. Check the power cable for shorts and proper grounding.

2. Test the power cable polarity with ONLY the power cable connected to Paralinx Ace.

3. Do not connect video cables.

CAUTION! Using a reverse polarity or improperly-constructed power cable can damage the product and is not covered under warranty!

PARALINX MANAGER SOFTWARE

Paralinx Manager allows you to configure and upgrade your Paralinx Ace. It is available at www.paralinx.net/downloads. The following configuration is available:

– REGION SELECTION:

Configure Paralinx Ace to comply with your region's regulations governing use of the 5GHz spectrum A.

DEVICE OPERATION

– Keep the transmitter and receiver at close range for 60 seconds after powering on the devices, allowing them to scan for and select the best wireless channel.

– For best results when using multiple Paralinx Ace in the same area, place the transmitters and receivers a few feet apart from each other.

– Operation of other wireless equipment may interfere with the Paralinx Ace. For best results, separate other wireless transmitters and receivers as much as possible.
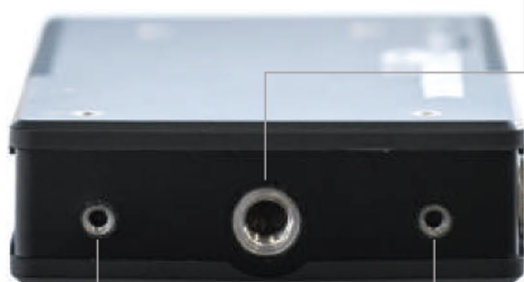
MOUNTING

– Mount the Paralinx Ace transmitter vertically, keeping the antennas clear of any obstructions.

– Orient the transmitter and receiver so they are parallel to each other.

– For best results, orient the receiver so the front or back has clear line-of-sight to the transmitter.

MOUNTING OPTIONS

MOUNTING THREADS ON TX/RX

1/4"- A20 MOUNTING THREAD

2/56" MOUNTING THREADS

ACE MOUNTING BRACKET- ATTACHES TO BASE OF TX/RX WITH 2/56" SCREWS AND ALLOWS MOUNTING IN VARIOUS APPLICATIONS.

ACE HDMI TRANSMITTER MOUNTED TO CAMERA CAGE

ACE RECEIVER MOUNTED TO BACK OF SMALLHD 7" MONITOR