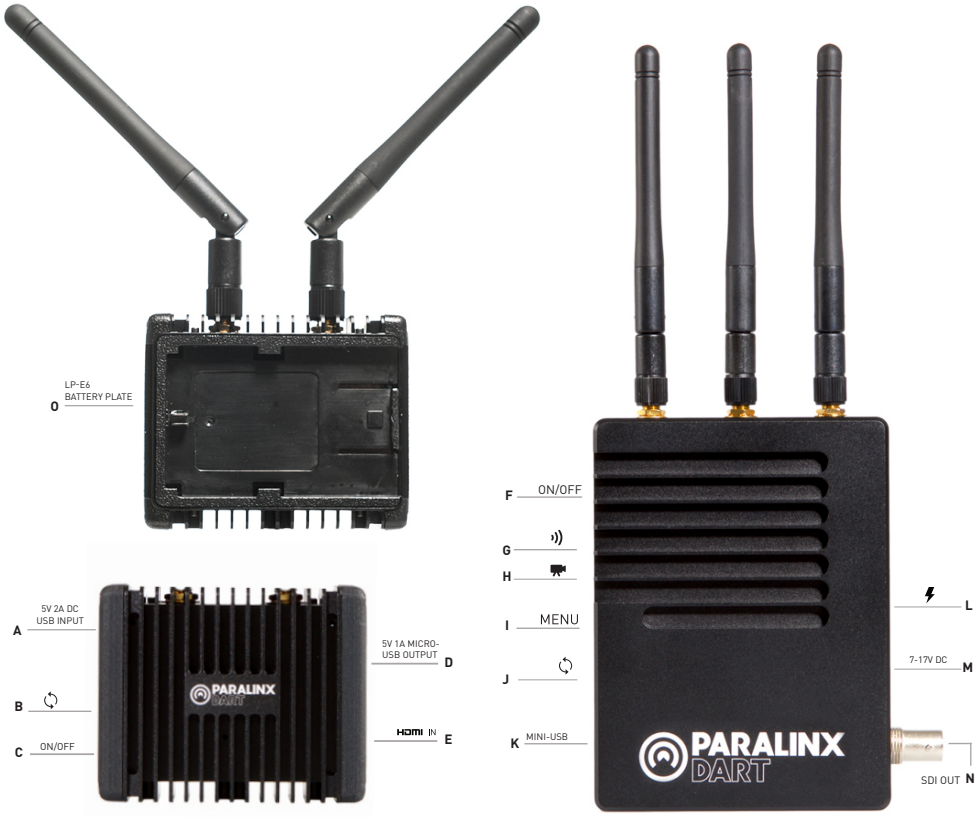
PARALINX DART

QUICK START GUIDE

Dart is a zero-delay mobile-action wireless video transmission system designed for the most demanding cinema, video, broadcast and UAV production applications. With a latency of less than 1ms the Dart transmits 1080p30/i60 4:2:2 video up to 1000ft/300m line of sight over the fully certified and unlicensed 5.1-5.8ghz band.



A: 5V 2A DC Micro-USB Input
B: Link/Reset Button
C: ON/OFF Switch
D: Micro-USB Output
E: Micro-HDMI Input
F: ON / OFF Switch
G: Link Status LED
H: Video Status LED
I: Menu Joystick
J: Reset Button
K: Mini-USB
L: Power LED
M: 2-Pin Power Input
N: SDI Output
O: LP-E6 Battery Plate

ON-SCREEN DISPLAY OPERATION

STATUS SCREENS	Launch the status screen by depressing the Joystick **(I)**, 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 SDI. 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 down the reset button **(B)** for 1 second and release. The blue signal LED **(G)** will flash on the receiver 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 **(E)** on the Dart.

2 Connect power to your Dart transmitter using the included USB or P-Tap to USB power cable. Power the Dart receiver with the included A/C adapter or battery plate accessory. If using a battery plate (sold separately), connect a compatible battery to the plate, then connect the short cable from the plate to the receiver's DC input **(M)**.

USB cable

AC ADAPTER

P-TAP TO USB

NEED MORE HELP?

SUPPORT FORUM: **http://support.paralinx.net** Contains tips, information and all the latest firmware & software updates.

SUPPORT STAFF: **support@paralinx.net** or call **+01 818-934-1535** (Mon-Fri 9am to 5pm PST - GMT -8)

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BEST PRACTICES

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 Dart.
3. Do not connect video cables, until you are certain your unit is properly-powered

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 Dart. It is available at **www.paralinx.net/downloads**. The following configurations are available:

– REGION SELECTION: Configure Dart to comply with your region's regulations governing use of the 5GHz spectrum.

– CHANNEL SELECTION: Select specific 5GHz channels if experiencing performance issues in highly-saturated RF environment.

DEVICE OPERATION

– Keep the transmitter and receiver a few feet apart 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 Dart systems 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 Dart. For best results, separate other wireless transmitters and receivers as much as possible.

MOUNTING

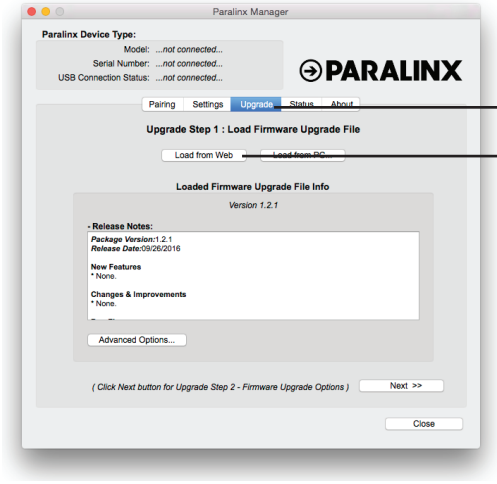
– Mount the Dart transmitter vertically, keeping the antennas clear of any obstructions.

– 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.

PARALINX MANAGER SOFTWARE

FIRMWARE UPGRADE

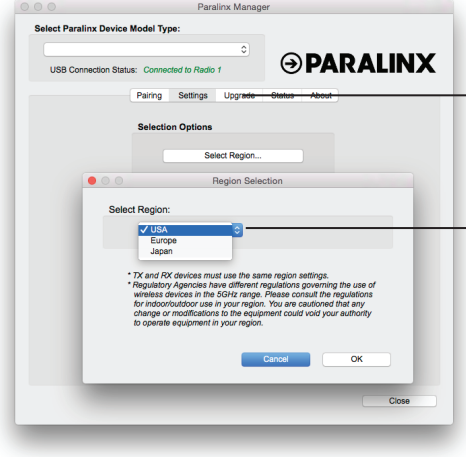


Click on UPGRADE tab to enter Firmware Upgrade Section

Click on UPGRADE tab to enter Firmware Upgrade Section

Click on NEXT tab to enter Firmware Upgrade Section

REGION SELECTION



Select SETTINGS tab to enter Region Selection

Select your region