TERADEK

Ace 500

Transmitter/Receiver Kit

Quick Start Guide

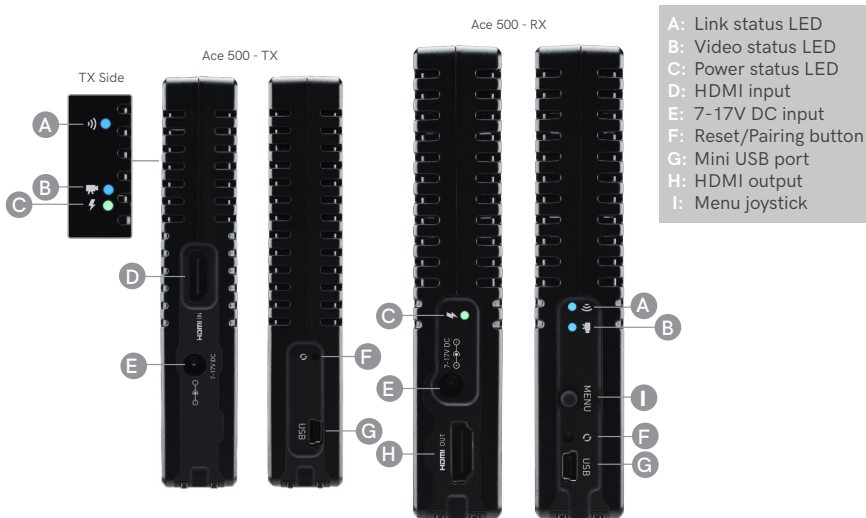# PHYSICAL PROPERTIES

TX Side

Ace 500 - TX

Ace 500 - RX

A: Link status LED
B: Video status LED
C: Power status LED
D: HDMI input
E: 7-17V DC input
F: Reset/Pairing button
G: Mini USB port
H: HDMI output
I: Menu joystick

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POWER AND CONNECT

1 Connect the output from your video source to the HDMI input **(D)** on the Ace transmitter. Connect the HDMI output **(H)** from the Ace receiver to the video input on your monitor.

2 Connect power to the Ace transmitter from a compatible battery using the included P-Tap to barrel cable. Power the Ace receiver with the included A/C adapter, or if Ace is equipped with a battery plate accessory, connect a compatible battery (Sony L-series or LP-E6).

DEVICE OPERATION

• Keep the transmitter and receiver at close range for 60 seconds after powering on the devices. This allows them to scan for and select the best wireless channel.

• For best results when using multiple Ace 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 Ace. Try to separate other wireless transmitters and receivers as much as possible.

CUSTOM/THIRD PARTY CABLES

• Test the power cable polarity with ONLY the power cable connected to Ace.

• Check the power cable for shorts and proper grounding.

• 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.

BOLT MANAGER

Bolt Manager allows you to configure, pair, and upgrade the Ace system. Bolt Manager is available as software for Mac and Windows at www.teradek.com/pages/downloads, or for purchase as a standalone device.

The following configuration settings are available:

• **SELECT REGION** - Configure Ace 500 to comply with your region's regulations governing use of the 5GHz spectrum.

• **SELECT TX NAME (TRANSMITTER ONLY)** - Modify the transmitter's name to make it easier to identify among other systems that are present.

MOUNTING

Ace has a 1/4"-20 threaded hole on the bottom for mounting on a light stand adapter or any other mounting accessory.

- Mount the transmitter vertically, keeping the antennas clear of any obstructions.
- For best results, orient the transmitter antennas so each one has clear line-of-sight to the receiver.

CAUTION: DO NOT OVERTIGHTEN SCREWS INSERTED INTO THE TRANSMITTER'S 1/4"-20 THREADED HOLE. Doing so can damage the transmitter's chassis and internal components, voiding the warranty.

Ace 500 receiver can be mounted vertically on a light stand or monitor.

Ace 500 transmitter can be mounted vertically on a camera

ON-SCREEN DISPLAY (OSD) OPERATION

Receiver Status Screens - Connect your receiver to a monitor and activate the OSD (On-screen display) by depressing the Menu joystick button **(I)**, then cycle through screens by pressing the button up, down, left, or right.

• **Main Status Screen** - This screen displays the status of the wireless receiver, along with the current video resolution, frequency, link quality (if connected).
• **Temperature Status Screen** - Displays the current internal temperature of the unit.

Menu Operation - Launch the menu by pressing right on the joystick while the OSD is active. Exit from 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** - 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 **(F)** for one 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** - Reset all configurable options to their factory defaults.
• **Device Info** - Displays the model and serial number.

Teradek regularly releases new firmware versions to improve performance, add new features, or to fix vulnerabilities. **Teradek.com/pages/downloads** contains all the latest firmware and software updates.

Visit **support.teradek.com** for tips and information, or to submit a request for support to our team.

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