BOLT LT

1000 RX and TX
Quick Start Guide

PHYSICAL PROPERTIES
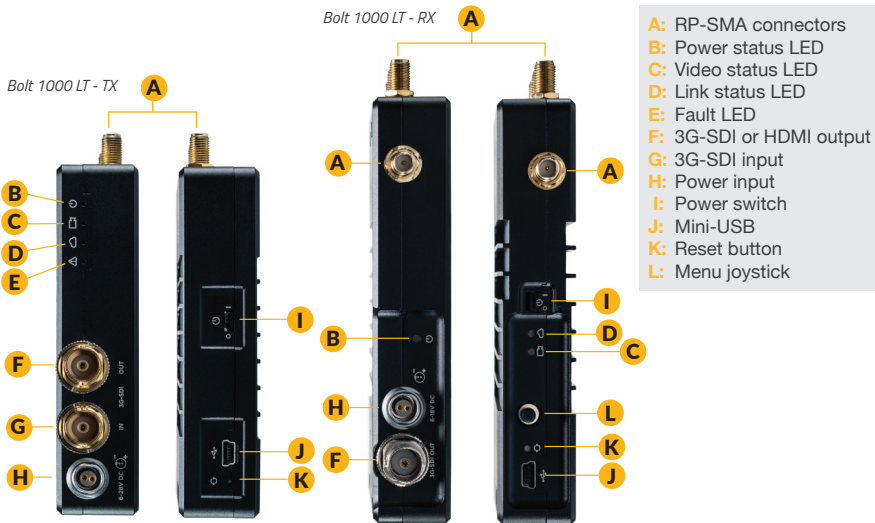

Bolt 1000 LT - RX

Bolt 1000 LT - TX

A: RP-SMA connectors
B: Power status LED
C: Video status LED
D: Link status LED
E: Fault LED
F: 3G-SDI or HDMI output
G: 3G-SDI input
H: Power input
I: Power switch
J: Mini-USB
K: Reset button
L: Menu joystick

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POWER AND CONNECT

1 Connect the output from your video source to the SDI input **(G)** on the Bolt transmitter. Connect the SDI or HDMI output **(F)** from the Bolt receiver to the video input on your monitor.
NOTE: If mounted upright on a stand above the monitor, use a right-angle SDI adapter to relieve any strain caused by the weight of the cable, and to avoid damaging the SDI output's internal connectors.

2 Power the Bolt transmitter and receiver with the included A/C adapter, or if Bolt is equipped with a battery plate accessory, connect a compatible battery (L series or LP-E6).

3 Move the power switches on both the transmitter and receiver **(J)** to the ON position. Video appears within a few seconds.
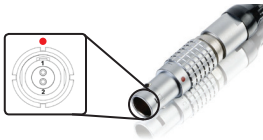
DEVICE OPERATION

• 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 Bolt 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 Bolt. Try to separate other wireless transmitters and receivers as much as possible**.**

BOLT CONNECTOR/PIN-OUT

Bolt uses a 2–pin power connector

Pin	Description
1*	GND
2	+DC

* Pin 1 is closest to the red dot on the connector

CUSTOM/THIRD PARTY CABLES

• Test the power cable polarity with **ONLY** the power cable connected to Bolt. Do not connect video cables.
• Check the power cable for shorts and proper grounding.

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

MOUNTING

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

- Mount the Bolt transmitter vertically, keeping the antennas clear of any obstructions.

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

- 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.

Bolt LT receivers can be mounted vertically on a light stand or monitor.

Bolt LT transmitters 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 **(L)**, then cycle through screens by pressing the button up or down. Hide the status screen by pressing left.

• **Main Status Screen -** This screen displays the status of the wireless receiver, along with the current video resolution, frequency, link quality (if connected).
• **Time Code Screen -** Displays the current time code if received from the transmitter.
• **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.

• **SDI Out Format -** Select the video output format. You can choose to match the video source resolution by selecting **Same as Input**, or choose from the resolutions listed.
• **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 **(K)** 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.

BOLT MANAGER

Bolt Manager allows you to configure, pair, and upgrade the Bolt 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 Bolt to comply with your region's regulations governing use of the 5GHz spectrum.
- **SELECT TX NAME -** Bolt transmitter's name can be modified or changed, making it easier to identify among other Bolt systems that are present.
- **SELECT QUALITY -** Select a High Quality mode setting to modify or balance the range and reliability of your signal. In situations where other sources of interference might be present, select **Maximum Range**. For complex, high contrast situations where artifacts are visible, select **Maximum Quality**.

Teradek regularly releases new firmware versions to improve performance, add new features, or to fix vulnerabilities. Visit teradek.com to update your device with the latest firmware.

NEED MORE HELP?
SUPPORT: http://support.teradek.com → Contains tips, information and all the latest firmware & software updates.
TERADEK SUPPORT STAFF: support@teradek.com or call 888-941-2111 ext. 2 (Mon-Fri 6am to 6pm PST)