

# TERADEK RT

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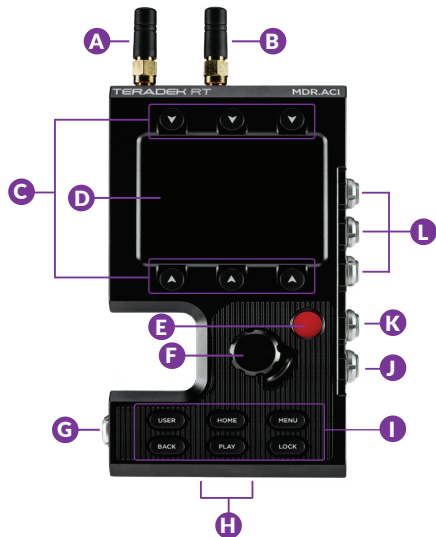
ACI/MDR-ACI  
Quick Start Guide

## WHAT'S INCLUDED

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ACI/MDR-ACI Assembly  
ACI Control + Power Cable  
3' USB-A to USB-B Male Cable  
Hex L-key 2mm 3-3/8"  
Hex L-key 2.5mm 3-5/8"  
(4) M3 x 4mm Socket Headcap Screws  
(4) M4 x 8mm Screws  
AC UI Bottom Bracket  
AC UI Top Bracket  
(2) FHSS 2.4GHz WiFi antennas (**MDR.ACI**)

# PHYSICAL PROPERTIES



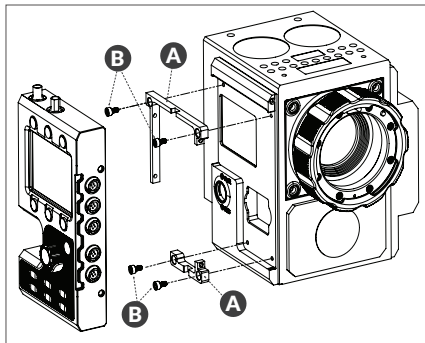
- A:** RF antenna (MDR.ACI)
- B:** BLE 5.0 Bluetooth antenna (MDR.ACI)
- C:** Home screen/User menu buttons
- D:** LCD display
- E:** Record button
- F:** Menu navigation wheel
- G:** ACI Control/Power input
- H:** USB-C ports
- I:** Control/Menu buttons
- J:** AUX input-1 (MDR.ACI)
- K:** AUX input-2 (MDR.ACI)
- L:** Motor inputs (MDR.ACI)

## **TABLE OF CONTENTS**

<b>Mounting Instructions .....</b>	<b>2</b>
<b>Power and Connect .....</b>	<b>3</b>
<b>Button Operation .....</b>	<b>4</b>
<b>Home Screen Operation .....</b>	<b>5</b>
<b>User Menu Configuration .....</b>	<b>6</b>
<b>Pair MDR-ACI and Controller .....</b>	<b>7</b>

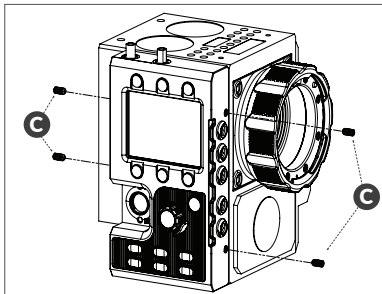
## MOUNTING INSTRUCTIONS

- 1** Remove the Sidekick cover from the DSMC2 camera body and any I/O and/or battery modules.
- 2** Attach the top and bottom brackets **(A)** to the side of the camera using the included M3 screws **(B)**.



## MOUNTING INSTRUCTIONS (CONT.)

- 3 Insert the four set screws **(C)** on the ACI unit so that they do not interfere with the notched areas.
- 4 Attach the ACI unit firmly against the side of the DSMC2 camera using the alignment guides in the attachment brackets, then tighten the four screws **(C)** with the Hex L key.



## POWER AND CONNECT

- 1 Attach a RED or RED-approved I/O expander and power source to the camera.
- 2 Connect the larger 4-pin connector on the ACI Control + Power Y-cable to the Control/Power input on the ACI unit **(G)**, then connect the smaller 4-pin connector to the CTRL port on the I/O expander.
- 3 Connect power to the ACI by attaching the P-Tap connector on the Y-cable to the power source.
- 4 If using an MDR.ACI unit, attach the motor(s) to the rods/lens, then connect the motor(s) to the corresponding motor ports **(L)** using a 4-pin connector. The motors will calibrate after connecting power.

**NOTE:** The camera serial communication setting must be set to RCP (Redlink Command Protocol) for the unit to operate.

# BUTTON OPERATION



## Home Screen Buttons

Access primary camera capture parameters.

## Record Button

Start or stop recording.

## Menu Jog Wheel

Navigate the menus and configure the user menu options. Push the jog wheel to confirm or open selection.

## Control/Menu Buttons

**USER:** Access or configure the user menu options

**BACK:** Return to the previous screen

**HOME:** Return to the home screen

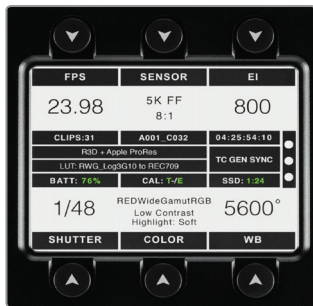
**PLAY:** Replay footage

**MENU:** Access advanced menus

**LOCK:** Activate/deactivate all buttons

## HOME SCREEN OPERATION

The Home screen allows the user to access and configure the most critical camera parameters. Press any of the six arrow buttons to display its corresponding menu, then use the jog wheel to select and configure the settings.



### Home Screen Buttons

**FPS (Frame Rate):** Configure the number of frames per second being recorded.

**SENSOR:** Adjust the recording resolution along with the REDCODE compression setting.

**EI (Exposure Index/ISO):** Manage the light sensitivity of the sensor.

**SHUTTER:** Adjust the shutter speed.

**COLOR:** Manage color space, 3D LUTs, and Gamma curve settings.

**WB (White Balance):** Adjust the color temperature based on current lighting conditions.

### Status Display

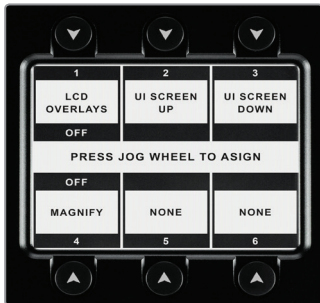
The center of the display shows critical camera parameters, number of recorded clips, media and power status, recording format, timecode/genlock/sync indicators, sensor calibration meter and RGB channel clipping indicators.



## USER MENU CONFIGURATION

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ACI is equipped with a configurable user menu interface. Press the **USER** button to display the user menu, then use the Jog wheel to assign camera functions to any of the six menu buttons.



### To configure the User menu:

- 1 Press the **USER** button to open the user menu.
- 2 Press the Jog wheel to display the command buttons and corresponding functions (if configured).
- 3 To configure or change a button command, use the jog wheel to scroll through the list of buttons, then select the highlighted option by pressing the jog wheel.

# PAIR MDR-ACI AND CONTROLLER

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## Wireless Pairing via Controller

- 1 Press the **MENU** button on the controller.
- 2 Navigate to **WIRELESS>FIND RECV** to scan for active receivers and automatically pair. The LED on the controller will turn green once paired.

## Wireless Pairing via MDR-ACI

- 1 Press the **Menu** button on MDR-ACI, then navigate to **MDR Settings>Channel**.
- 2 Select the same channel the controller is on to automatically pair.

## Wired Pairing

- 1 Press the **Menu** button on MDR-ACI, then navigate to **MDR Settings>Port IN-1** to set the mode to **Wired**.
- 2 Connect a 5-pin connector from the controller's wired-mode input to the AUX 1 input (**J**) on the MDR-ACI. The controller and receiver will remain paired even after disconnecting the 5-pin connector. The LED on the controller will turn blue once paired.

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Teradek regularly releases new firmware versions to improve performance, add new features, or to fix vulnerabilities. Visit [teradek.com](http://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](mailto:support@teradek.com) or call 888-941-2111 ext.2 (Mon-Fri 6am to 6pm PST)



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