DIGITAL CAMERA SYSTEMS

LDT-R2

RED Camera Family

Download LDT-R2 manual

Notes:
MDR2 is not supported
-
Use MDR3 for lens encoding
-
Make all F-Maps on one handset

Are Prestons up-to-date?

Yes

No → Update HU3/HU4/ MDR3/MDR4

Rigging LDT-R2 - RED Camera

Timecode box (constant)

Serial
Preston MDR3/4

TC MDR
LDT-R2
ENC PWR

TC In
RED Camera
4 pin Hirose Port

LDT-E1*

*only required for manual focus/iris/zoom

Settings on the LDT-R2 (Each LDT)

Mode>RED, Element tech. → Settings > Data Source > Local Table, → Using auto lens select? (The lens will be called up on the LDT when the corresponding F Map is called up on the HU3/4)

- Yes → Settings > Auto Lens Select > On
- No → Setting s> Auto Lens Select > Off

Settings on the RED Camera (Each Camera)

Menu > System > Setup > Communication > Serial → Ctrl Protocol > Element Technica

Menu > Settings > Setup > Lens → Untick 'Enable Power to Lens' and Auto-Detect PL Lenses

Lens Data Overlay for Monitors

Download the Monitor Overlay: Here → Menu > Settings > Display > Monitor Control > Overlays

Move the 'On Media' to 'In Camera' → Menu > Settings > Display > Monitor Control > Monitor Setup

Select 'HD-SDI' from the top left dropdown menu → On 'Overlay' choose: DCS

On the Preston: Connect the Iris and zoom control handsets to the MDR → Using F-Maps on the Preston HU3/HU4?

- Yes → NOTE: F-Maps must be saved in the Other > User folder to enable auto lens select to find them. →
- No →

Building Lens Tables

On HU3/4 Build/Select F-Map for lens → Calibrate from Preston → On HU3/4 Turn off F-Mapping → On the LDT Menu > Add Lens → On the LDT Enter all lens engravings for Focus/ Iris/Zoom → On the LDT Save the table and test

Building Lens Tables

Calibrate from Preston → On the LDT Menu > Add Lens → Enter lens details → On the LDT Enter all lens engravings for Focus/ Iris/Zoom → On the LDT Save the table and test

Repeat for all lenses → When done: Copy lens tables to all LDT-R2s MicroSD Cards (make a back-up) → Copy F Maps to all Preston Hand Units → Test each LDT/ Camera/Preston rig by selecting several lenses and checking the LDT read-out matches the lens engravings.