One Little Remote Lite

The One Little Remote Lite is a rig mountable remote control and Bluetooth Low Energy (BLE) receiver for your Blackmagic Micro Cinema or Studio Camera. **The remote is designed to always be on. Changing camera settings using the in-camera menu will put the remote out of sync so it is best to change settings using the remote. If the codec keeps resetting then change codec using the remote and not the camera menu.**

Included Items

- 1 x remote
- 1 x DC & remote breakout box
- 1 x 20cm 3.5mm trrs cable – used to attach the remote to breakout box
- 1 x 1/16 allen key (for attaching the breakout box to the camera). Care should be taken to not over tighten the screws as you can strip the hex socket. It does not have to be super-tight to hold firmly in place.
- 1 x sticker with remote default button assignments
- Optional – 2.5mm lanc port for use with the URSA Mini Handle or other trigger based lanc devices (lanc devices that do not require continuous power through the lanc port).

The remote has an anodised aluminium 1/4 - 20 threaded mount (standard camera mount) on the underside for mounting to your rig using either cold shoe or single rail mounts (and others). Recommended mount is https://www.amazon.com.au/gp/product/B006TAO7CM/ref=oh_aui_detailpage_o01_s00?ie=UTF8&psc=1

Set up your camera

In the **Remote menu** on your **Blackmagic camera**, set the following sbus channels.

NOTE: the following are the default channels and you can change sbus channels for remote functions using the One Little Remote mobile

Record	Sbus 1	Shutter	Sbus 7
Iris	Sbus 2	White balance	Sbus 8
Focus	Sbus 3	Audio Levels	Sbus 9
Auto Focus	Sbus 4	Frame rates	Sbus 10
Zoom	Sbus 5	Codec	Sbus 11
Iso (gain on Studio)	Sbus 6		

Once you set these, and plug in your remote, you are good to go.

At start up, wait for the remote to flash 5 times before performing any actions. Remote start up takes about five seconds.

Using the remote

Single tap, double tap or hold (1.5 sec) a button to activate a function (i.e. record start/stop, iris, wb etc). The led flashes quickly while a function is active. While the led is flashing, press buttons 3 or 4 (the two right most) to increment up (button 4) or down (button 3) through the active setting. Holding down either button 3 or 4 will cycle quickly through the setting. Once you are happy with the setting, press button 1 (left-most button). The led will now stop flashing.

Recap

1) Tap, double tap or hold any button to activate a remote function. Led will now flash.
2) While led flashes, press or hold buttons 3 or 4 (two right-most buttons) to change remote function setting.
3) Press button 1 (left-most) to save the settings – the led will stock flashing.

The sticker provided with your remote has the default button functions.

Zoom and Focus

You have some, limited zoom and focus capability with the OLR Lite. You activate either the same way you do any other setting. Once active you need to hold down either button 3 or button 4 to adjust focus or zoom (depending on what mode you are in).

Customising the remote

You can change all the button functions for the remote (other than using buttons 3 and 4 to step through settings and button 1 to set). Changing settings is done through the Remote Settings section of the One Little Remote mobile app. You can restore settings factory defaults (or garage defaults as the case may be 😊) by holding down buttons 2 and 3 until the light flashes once – at which point you release the buttons. The remote will now restart.

Mobile App

Before you can control your app do the following:

1. Tap 'Find Remote',
2. In the list tap the 'HC-08' entry (could be 'OLR_Lite' on some remotes,
3. Once connected and settings loaded, tap 'Remote Settings'
4. Scroll down and enter FFE0 in the 'ServiceUuid' field and FFE1 in the 'Characteristic UUID' field (plus give the remote a new name if you want),
5. Tap 'Save Ids',
6. Wait 10 seconds, restart your camera,
7. Wait for the red light to flash on the remote,
8. In the app, tap 'Find Remote' and then tap the remote entry (HC-08 or the new name you have given it.