Leeming LUT PRO

Camera Setup Guide: DJI Osmo Action

Manual Version: 20191031

INTRODUCTION

Thank you for purchasing Leeming LUT Pro™, the most accurate and professional Look Up Table (LUT) for the DJI Osmo Action.

The LUT has been carefully developed to get the maximum dynamic range and colour accuracy out of the supported profile, giving you unparalleled Rec709 precision as well as perfect camera matching with other supported cameras in the Leeming LUT Pro™ range.

Use it in conjunction with ETTR shooting principles and you will get the highest possible quality images out of the camera every time.

I am confident you will find this the most accurate LUT for the camera. Anything less and I wouldn't have put my name on it!

Enjoy :)

Paul Leeming
Director / Writer / Cinematographer / Actor
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REQUIREMENTS

1. DJI Osmo Action or Pocket camera.
2. Spectrally neutral white or grey card, for white balancing the camera (eg. the white balance side of the X-Rite Colorchecker Passport Photo is designed for this).
3. Leeming LUT Pro™ for DJI Osmo Action.

CAMERA SETUP

(Using the Osmo Action with firmware 01.05.00.10(6762) as representative of menu structure. Your camera may not have all the same features so adjust as necessary)

1. Set the camera mode to Video using the Quick Switch (QS) button on the side.
2. Swipe UP from the bottom of the screen and set your resolution and framerate as desired (I recommend 4K/24 for cinema and 4K/60 for action shots). Also set RockSteady ON (note that this will crop the image in for stabilisation purposes). Swipe down to exit back to the main screen.
3. Swipe LEFT from the RIGHT HAND SIDE of the screen to set your ISO, shutter and EV, as well as colour mode and white balance functions. First press the little CAMERA icon at the bottom and set COLOR to D-Cinelike, Dewarp ON, Format MP4 and WB as needed (I normally set a custom temperature to avoid the colour shifting during the shot, but Auto works well too). Now press the IRIS icon and choose your exposure parameters. You can set Auto or manually adjust them as desired. When everything is set, swipe right to exit back to the main screen.
4. Swipe DOWN from the top of the screen to enter the settings menu. Set your Spot Metering as desired as well as the auto-rotate function. Set the other parameters as desired.

5. Within the settings menu, press the six-sided NUT icon to enter the other Settings text based menu. You can set most of these as desired but the one which may be useful to you is the Face-Oriented Exposure if you are vlogging, as well as the Anti-Flicker to your local electricity grid frequency (50Hz or 60Hz) or Auto. This is also where you format your SD card. Once you are done, exit the menu by hitting the back button and then swiping up from the bottom of the screen to exit back to the main screen.
6. For vlogging or selfies you can use a two-finger double-tap on the back screen to switch the image to the front screen. Repeat the procedure to return to the back screen.
7. Finally, you can also download the DJI Mimo app for your phone and connect wirelessly for both control and remote viewing of your camera.

You are now ready to use Leeming LUT Pro™ with the maximum picture quality available. Be sure to visit the website to read up on how to use ETTR (Expose To The Right) principles to get the most dynamic range out of your sensor, as well as the associated Leeming LUT Pro™ LUT Installation Manual on how to apply the LUT to your footage in post-production:

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www.LeemingLUTPro.com

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LICENCE

You are granted a personal licence to use Leeming LUT Pro™ on two computers. For use with more computers, please contact Visceral Psyche Films for bulk discount pricing. All updates to the product are free of charge. You may not upload the LUT anywhere, share it with other people or incorporate it into other LUTs, whether they be for sale or not. Please respect the work that has gone into the LUTs and support those supporting you. Thank you!

COMPATIBILITY

Leeming LUT Pro™ is compatible with any NLE that uses a 33x33x33 .cube LUT format. It has been successfully tested with Adobe Premiere CC 2019, Davinci Resolve 16, Final Cut X and Magix Vegas 13.