

L e e m i n g L U T

ONE

Panasonic GH5 Camera Setup

Manual Version: v4.05

INTRODUCTION

Thank you for purchasing Leeming LUT One™, the best Look Up Table (LUT) for the Panasonic GH5.

The LUT has been carefully developed to get the maximum dynamic range out of the camera, while retaining pleasing cinematic skin tones and accurate Rec709 colorimetry.

Use it in conjunction with this setup guide and ETTR shooting principles to get the highest quality images possible out of the camera.

I am confident you will find this the best LUT for the GH5. Anything less and I wouldn't have put my name on it!

Enjoy :)

A handwritten signature in white ink, appearing to be 'PL', written in a cursive style.

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REQUIREMENTS

1. Panasonic DC-GH5 digital camera with firmware 1.0 or higher (V-Log L needs to be activated to use the V-Log functions).
2. 18% grey card or spectrally neutral white card for white balancing the camera.
3. Leeming LUT One™ for the Panasonic GH5.

CAMERA SETUP

1. Switch the top dial to Movie mode.
2. Press the Menu button and go to the Movie M tab, set Exposure Mode to M and Master Pedestal to 0.
3. Select Movie tab, Rec Format MP4 (LPCM) or MOV, Rec Quality 4K 10bit 150M [framerate as desired, also see Settings - System Frequency for PAL/NTSC/Cinema options].
4. Choose from one of the following two Photo Styles and adjust the numbers as follows, then press Set to save that profile:

	V-Log L	Cinelike-D
Contrast	[NA]	0
Sharpness	-5	-5
Noise Reduction	-5	-5
Saturation	[NA]	-3
Hue	[NA]	0

5. Set Filter Settings OFF, Luminance Level 0-1023 (0-255 for 8bit), Highlight Shadow 0, i.Dynamic and i.Resolution OFF, Sound Output REALTIME, HDMI Rec Output as required.
6. Select Custom Settings tab, Exposure, ISO Increments 1/3EV, Extended ISO ON, Exposure Comp. Reset OFF, Constant Preview ON, Peaking ON, HIGH, Display Color, Histogram ON.
7. For Zebra Pattern, refer to the following numbers and set the appropriate Zebra1 for the Photo Style in use:

	V-Log L	Cinelike-D
Zebra1	75%	100%

8. Set Monitor Info. Disp. ON and Video-Priority Display ON.
9. Select the Settings tab, Beep - Beep Volume OFF, E-Shutter Vol OFF, Live View Mode 60fps, Monitor Luminance as required.
10. Set System Frequency to your desired region format (PAL/NTSC/Cinema). Note that Cinema is DCI4K spec which gives you exact 24.00fps and 4096x2160 resolution options.
11. In Folder/File Settings, customise your File Name Setting as desired. Choose whichever Double Slot Function you desire for recording to SD card 1 and 2.
12. Select the My Menu tab - My Menu Setting and Add the following (recommended but you can customise as desired):

Photo Style, Zebra Pattern, Stabilizer, Rec Quality, Mic Level Adj, Cust. Set Mem, Variable Frame Rate, Synchro Scan, WFM/Vector Scope, V-LogL View Assist.

13. If you are using V-Log, place the LL1_V40x.vlt monitoring LUT in the root directory of your SD card, place it in Slot 1, Select V-LogL View Assist, Read LUT File, select LL1_V40x, save to Set1. From there, choose LUT Select - LL1_V40x and LUT Monitor Display ON. You can optionally output the same file to your HDMI port if required. The zebras and histogram retain their pre-LUT levels so you don't need to adjust anything when using the monitoring LUT function.

You are now ready to use Leeming LUT One™ with the maximum picture quality available in the GH5. Be sure to read up on how to use ETTR (Expose To The Right) principles via the website to get the most dynamic range out of your sensor, as well as the associated Leeming LUT One™ Installation Manual on how to apply the LUT to your footage in post-production:

www.LeemingLUTOne.com

LICENCE

You are granted a personal licence to use Leeming LUT One™ on a single desktop plus a single laptop (or any combination of 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 or share it with other people. Please respect the work that has gone into the LUT and support those supporting you. Thank you!

COMPATIBILITY

Leeming LUT One™ is compatible with any NLE that uses the .cube LUT format. It has been successfully tested with Adobe Premiere CC 2017, Davinci Resolve 12.5, Final Cut X (with a LUT plug-in) and Sony Vegas 13 (with a LUT plug-in).

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