

L e e m i n g L U T

PRO

GoPro Hero 4/5/Session (Black & Silver) - Setup Guide

Manual Version: 20181212

INTRODUCTION

Thank you for purchasing Leeming LUT Pro™, the best Look Up Table (LUT) for the GoPro Hero 4/5/Session (Black & Silver) action cameras.

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 to get the highest possible quality images out of the camera.

I am confident you will find this the best LUT for the Hero 4/5/Session. Anything less and I wouldn't have put my name on it!

Enjoy :)

A handwritten signature in white ink, appearing to read 'PL', with a stylized flourish extending from the bottom.

Paul Leeming
Director / Writer / Cinematographer / Actor
Visceral Psyche Films
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REQUIREMENTS

1. GoPro Hero 4/5/Session (Black & Silver) edition digital camera running the latest firmware.
2. Leeming LUT Pro™ for the GoPro Hero 4/5/Session Black.
3. 18% grey card or spectrally neutral white card for white balancing the camera in post.

CAMERA SETUP

1. Set Video mode and choose your preferred resolution, framerate and if relevant, Field of View (FoV).
2. Low Light should be set to N/A and Spot Meter OFF unless you need to expose for the center of frame.
3. Set PT (ProTune) to ON.
4. White Balance should be set to one of the Preset Kelvin temperatures (eg 5500K for outdoor shooting on a sunny day) and Color to FLAT.
5. Set ISO Limit to 400 to prevent unwanted noise, or higher if you need the extra light gathering capability (though your shots will be noisier).
6. Set Sharpness to LOW and EV Comp to -0.5 to help prevent highlight clipping. You can use EV Comp 0 but the GoPro has very little safety against clipping if you do.
7. Set your Video Stabilisation ON or OFF depending on your requirements.
8. Exit the Settings menu and you are ready to shoot!

NOTE 1: To get an exact white balance for the LUT to work best, I recommend shooting a grey or white balance card as your first shot for that purpose, then copy the post production white balance adjustment to all your other clips before applying the LUT, for maximum accuracy. This is because the GoPro cameras don't have a Custom White Balance function so you need to set one of the Preset Kelvin options to avoid shifting white balance during the shot, but then you'll need to adjust that prior to applying the LUT to give the best starting point.

NOTE 2: If you are using Davinci Resolve, there is currently a bug in that program whereby the clips are incorrectly read in with Data Levels set to Video, so after importing them, be sure to manually change the Clip Attributes - Data Levels to FULL, for the LUT to work correctly and to avoid highlight and shadow range clipping.

You are now ready to use Leeming LUT Pro™ with the maximum picture quality available. Be sure to read the associated Leeming LUT Pro™ Installation Manual on how to apply the LUT to your footage in post-production:

www.LeemingLUTPro.com

LICENCE

You are granted a personal licence to use Leeming LUT Pro™ 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. You may not build derivative LUTs based on these LUTs and/or make them publicly available, for fee or for purchase. Please respect the work that has gone into these LUTs and support those supporting you. Thank you!

COMPATIBILITY

Leeming LUT Pro™ is compatible with any NLE that uses the 64x64x64 .cube LUT format. It has been successfully tested with Adobe Creative Cloud, Davinci Resolve, Final Cut X, Edius and Magix Vegas. If you need a 32x32x32 .cube LUT for compatibility with older software or hardware please contact me.