

Instructional Television Panasonic HMC-70 Quick Reference Guide




Basic Camera Usage

Using Manual Focus on the HMC-70

1. Ensure that the mode dial is set to the camera.
2. Press the MENU button, then select (ADVANCED) -> (MF ASSIST) -> (ON) and press the center of the cursor button.
3. Set the AUTO/MANUAL/FOCUS switch to MANUAL.
4. Move the switch down and set it to the FOCUS position. The manual focus indication and the MF icon appear on your LCD screen or viewfinder.
5. Push the left or right of the cursor buttons to bring your subject into focus.

You can return to automatic focus simply by setting the AUTO/MANUAL/FOCUS switch to AUTO.

Correcting White Balance on the HMC-70

1. Ensure that the mode dial is set to the camera.
2. Set the AUTO/MANUAL/FOCUS switch to MANUAL.
3. Push the UP cursor button to select the white balance icon.

4. Push the LEFT or RIGHT cursor buttons to select the white balance mode: Auto, Indoor, Outdoor, or Manual Adjustment.
5. Switch to Manual Adjustment.
6. Fill camera lens with white subject.
7. Push the UP cursor button to select the Manual Adjustment icon. The icon will flash until setting has been adjusted. If flashing continues, the balance cannot be set and it is suggested that you film using auto white-balance.

Setting Manual Iris and Shutter Speed

1. Ensure that the mode dial is set to the camera.
2. Set the AUTO/MANUAL/FOCUS switch to MANUAL.
3. Push the LEFT or RIGHT cursor button to select IRIS or SHTR.
4. Push the LEFT or RIGHT cursor buttons to make adjustments to those settings.

Connecting an External XLR Microphone

1. Connect the external microphone into the back rear of the HMC70. Be sure to connect the microphone into the leftmost XLR port first (marked as CH1 on the device).
2. Use the input level select switches to set the configurations for your mic.
 - a. Make sure that the switch directly above “MIC ATT.” is set to “ON”.
 - b. On the level selector switch above the XLR port, set the switch to “MIC”.
 - c. If you are using a microphone that requires phantom power, set the level selector switch to “+48”.
3. Open up the LCD viewfinder on the side of your HMC70 and set the “Audio In” switch from “FRONT” to “REAR” on both CH1 and CH2 switches.
4. Change the “Audio Select” switch from “AUTO” to “MAN”.
5. Use the Audio Level knobs that correspond with the audio channel that you are using to correct your audio levels.

Importing Your Footage Into Final Cut Pro

1. Connect your HMC70 to your computer via a USB A-to-B cable.
2. Rotate the dial on the camera from “OFF” or the camera logo to “PC”. This will set your HMC70 into USB mode. On your Mac, a drive should appear on the desktop called “NO NAME”.

3. On this drive should be a folder called "PRIVATE". Copy the contents of this folder to your project folder.
4. Open Final Cut Pro.
5. Click FILE > LOG AND TRANSFER. This will open up the log and transfer window. You will notice that all of your clips will appear on the left side of this window. Clicking on any of the files will make them appear on the right side of the screen and will allow you to name them and set in and out points for them before you bring those files into your project.
6. Click ADD CLIP TO QUEUE. This will begin transcoding your file into your project. Once the file is fully transcoded, it will be placed in your bin.

NOTE: If at some point in the editing process, FCP asks you if you want to match your sequence settings to your clips, click NO!

Correcting Non-Stereo Audio In Final Cut Pro

Sometimes, footage brought into FCP from your HMC70 will playback with only one channel or mono-channel audio. To correct this, follow these steps:

1. From the timeline, double-click on the audio of your footage. This will bring it up in the viewer window as a waveform.
2. On top of the waveform, look for a slider labeled "Pan". Next to the slider will be a box with a number in it. This number should be -1.
3. Set the number from -1 to 0.

For more information on the Panasonic HMC70, consult the operation manual at :

ftp://ftp.panasonic.com/pub/Panasonic/Drivers/PBTS/manuals/AG-HMC70_OI.pdf

