RC-V100 DEMONSTRATION Manual Ver0.9 2 May2014

Ensure camera has the correct firmware version.

XF205: Already Compatible

XF300/XF305 TBC

C300/C300PL: 1.1.2.1.00

C100:TBC

C500/C500PL:TBC

Ensure camera remote control option is changed from “Standard” to “RC-V100”

Recommend adjust settings to Beep Off (B-7) Focus Sensitivity Low (A-8) on customisation panel at base of controller. Ensure controller disconnected before making adjustments

With camera OFF, connect lead to RCU and camera connector

Ensure camera is switched to MANUAL. Switch off AF/AI/ AWB/Full Auto

Select AF/MF (depending on model).

Turn on camera. RCU also powers-up.

Press ACTIVE button on controller. On power-up All controls locked. Sequence is:

All Locked → All Active → Master Pedestal and Iris control only → Zoom and Focus Only

Show control of: Zoom, Focus, Iris

Operate ND Filter (C300/C500)

Access menu via controller

Demonstrate operation of Gain (and ISO if appropriate), shutter WB

Activate Custom Picture Setting

Activate WFM on camera

Show WB R Gain effect/B Gain effect

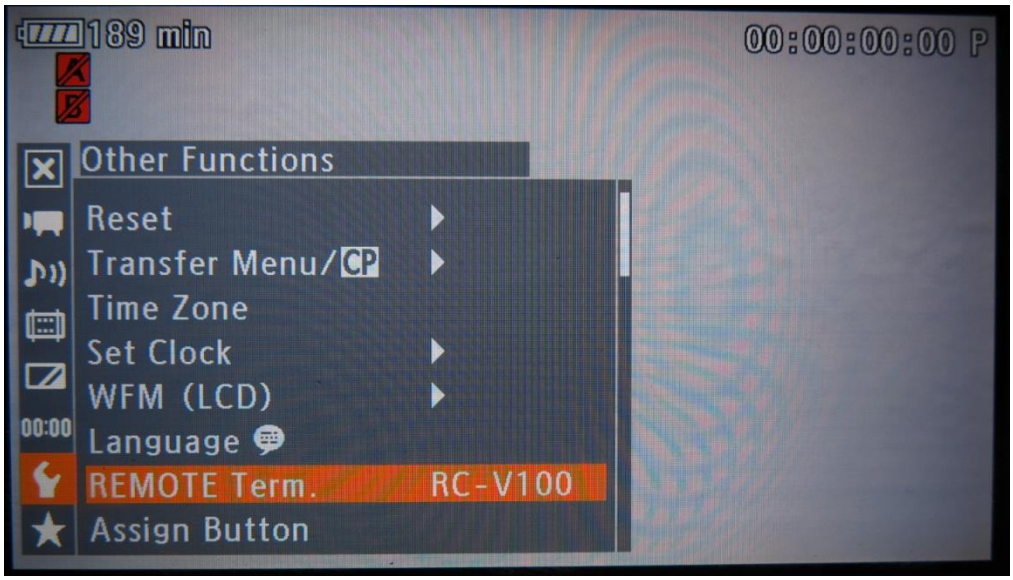
Show Master Black Red & Master Black Blue adjustment effect.

Cover lens. Operate Master Pedestal. Show effect on Black reproduction.

Assignable Function Button: Replicate assigned buttons 1 – 4 on camera

With photo *C300 based, XF305 partial

Ensure camera remote control option is changed from “Standard” to “RC-V100”



Recommend adjust settings to Beep Off (B-7) Focus Sensitivity Low (A-8) on customisation

panel at base of controller. Ensure controller disconnected before making adjustments

With camera OFF, connect lead to RCU and camera connector

Ensure camera is switched to MANUAL. Switch off AF/AI/ AWB/Full Auto

Select AF/MF (depending on model). EF lens should set as AF

Turn on camera. RCU also powers-up.

Press ACTIVE button on controller. On power-up All controls locked. Sequence is:

All Locked → All Active → Master Pedestal and Iris control only → Zoom and Focus Only

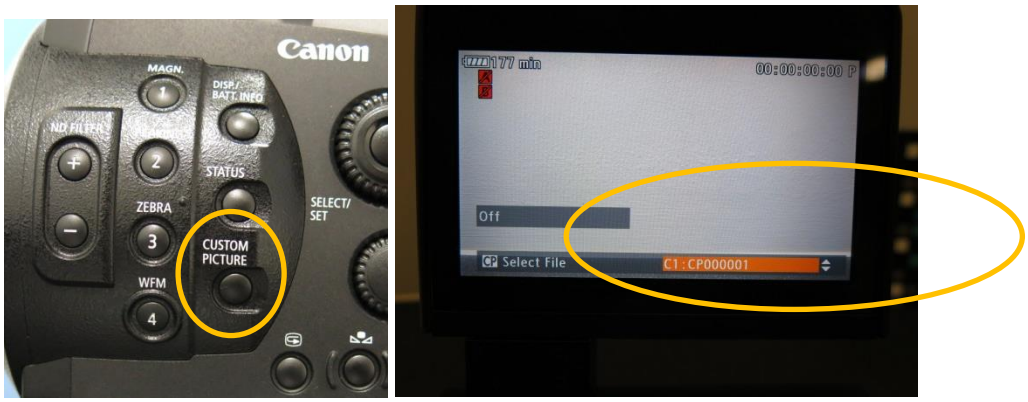
Show control of: Zoom, Focus, Iris

Operate ND Filter (C300/C500)

Access menu via controller

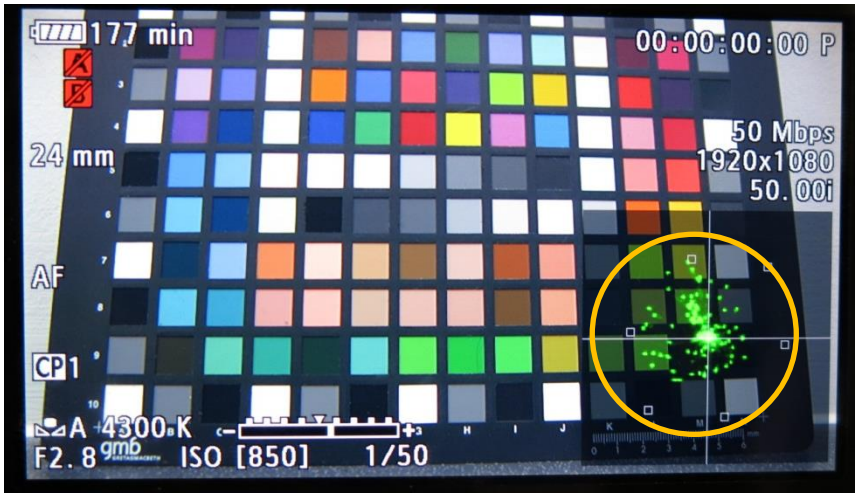
Demonstrate operation of Gain (and ISO if appropriate), shutter WB

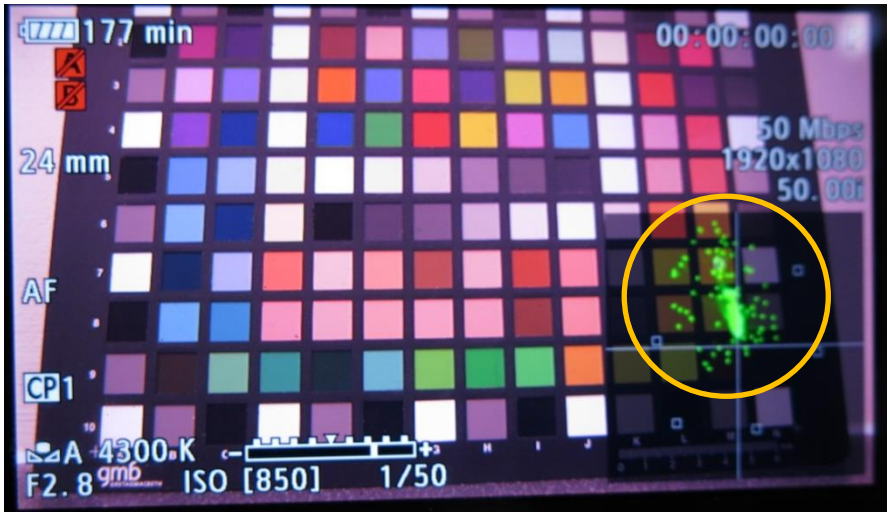
Activate Custom Picture Setting



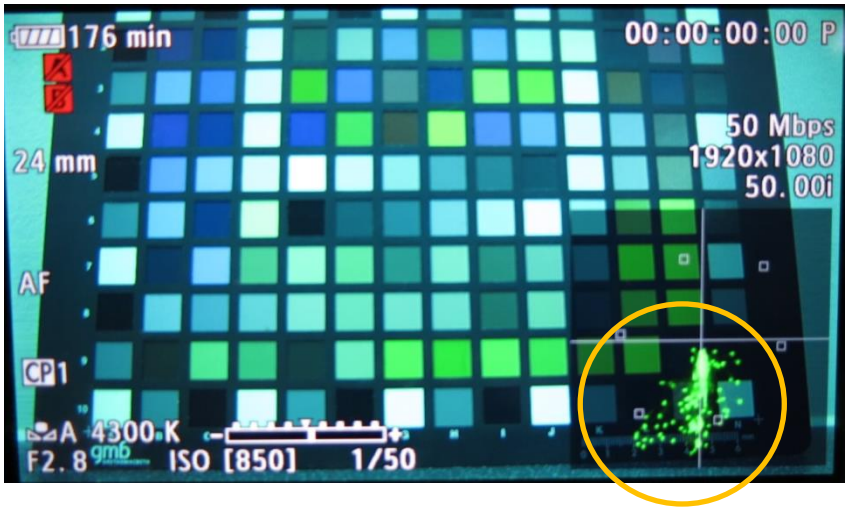
Activate WFM on camera

Show WB R Gain effect/B Gain effect





R WHITE BALANCE B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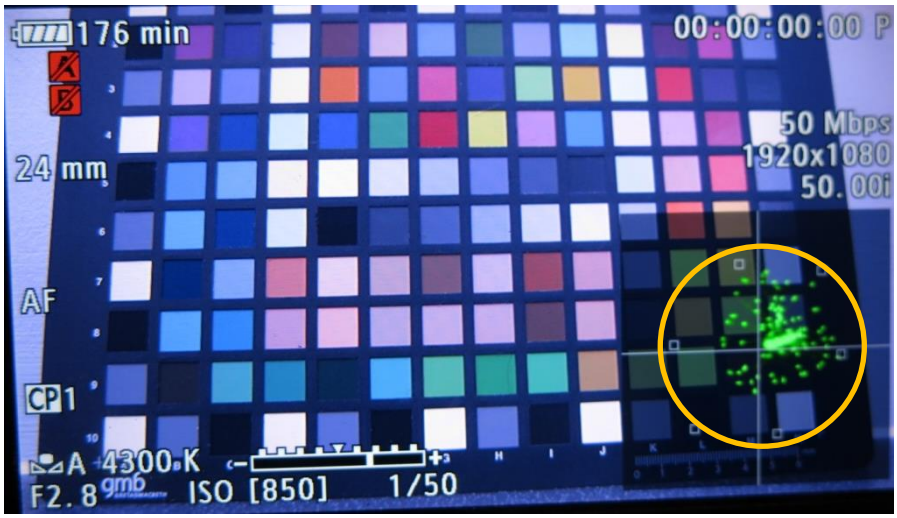
A 4300K
F2.8
ISO [850]
1/50

R WHITE BALANCE B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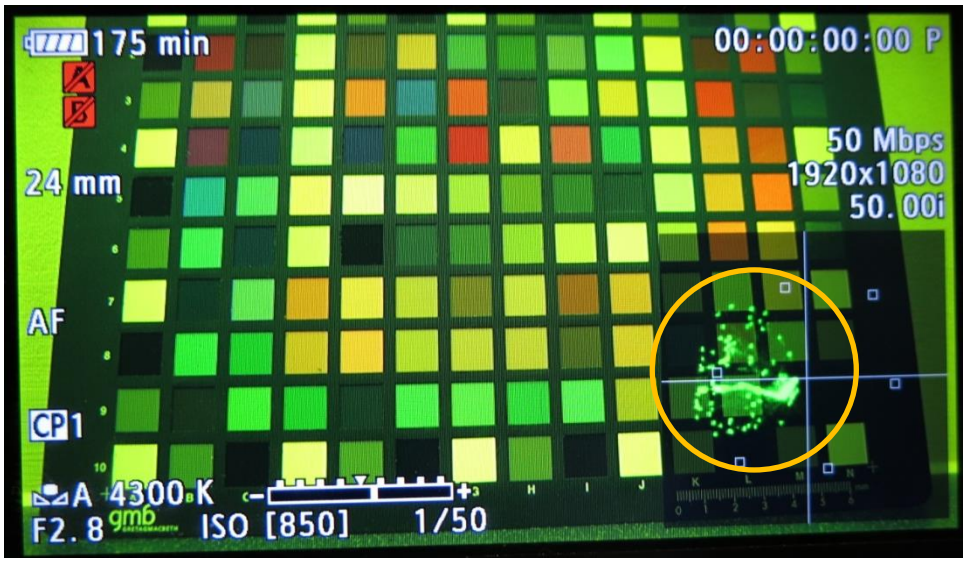
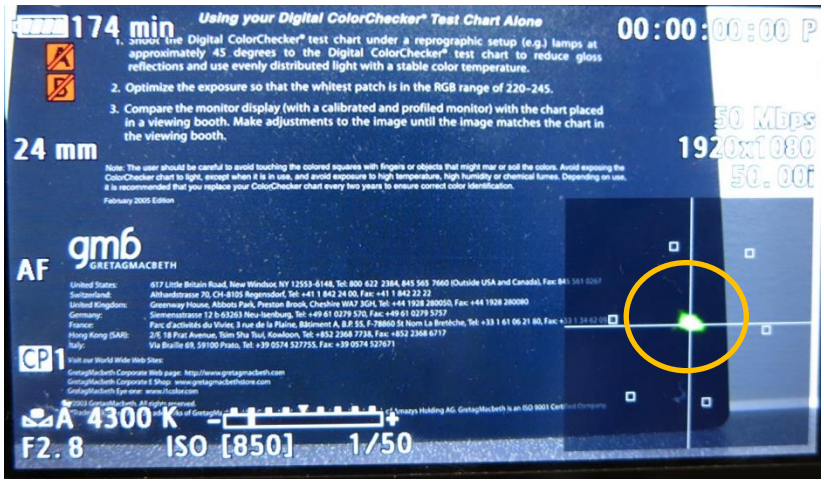
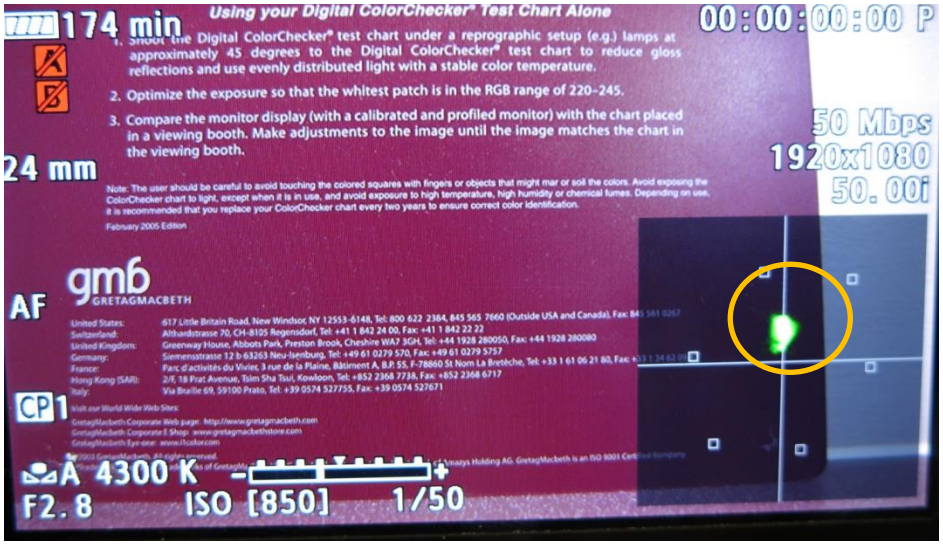


Show Master Black Red & Master Black Blue adjustment effect.



black and White chart

R MASTER BLACK B


174 min
Using your Digital ColorChecker® Test Chart Alone
00:00:00:00 P
1. Shoot the Digital ColorChecker® test chart under a reprographic setup (e.g.) lamps at approximately 45 degrees to the Digital ColorChecker® test chart to reduce gloss reflections and use evenly distributed light with a stable color temperature.
2. Optimize the exposure so that the whitest patch is in the RGB range of 220–245.
3. Compare the monitor display (with a calibrated and profiled monitor) with the chart placed in a viewing booth. Make adjustments to the image until the image matches the chart in the viewing booth.
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1920x1080
50.00i
24 mm
Note: The user should be careful to avoid touching the colored squares with fingers or objects that might mar or soil the colors. Avoid exposing the ColorChecker chart to light, except when it is in use, and avoid exposure to high temperature, high humidity or chemical fumes. Depending on use, it is recommended that you replace your ColorChecker chart every two years to ensure correct color identification.
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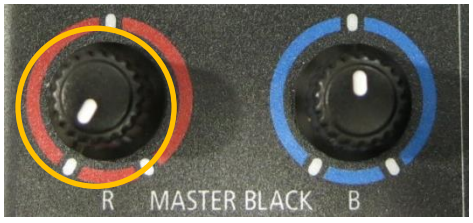
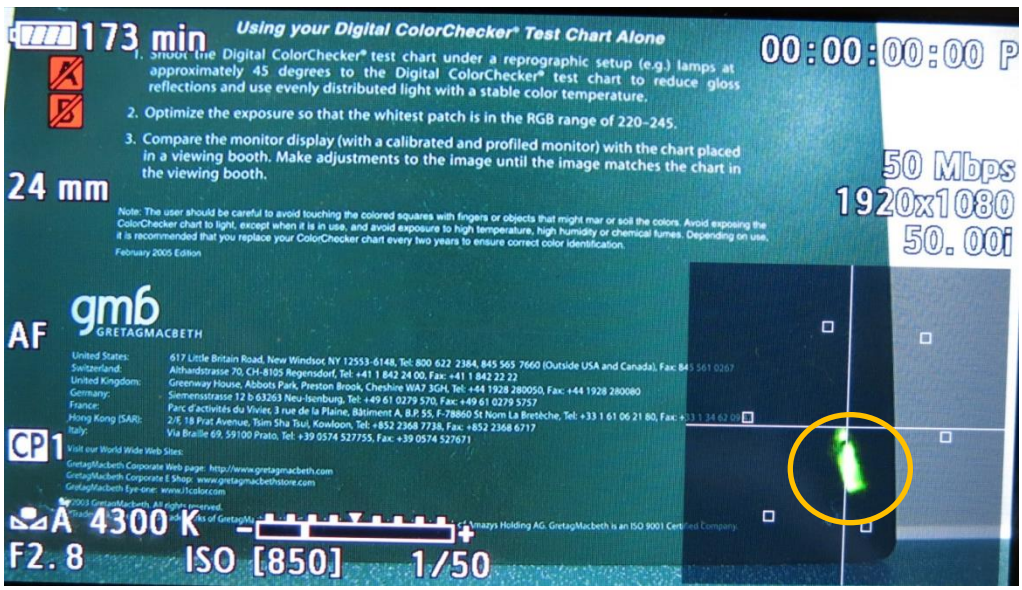

R MASTER BLACK B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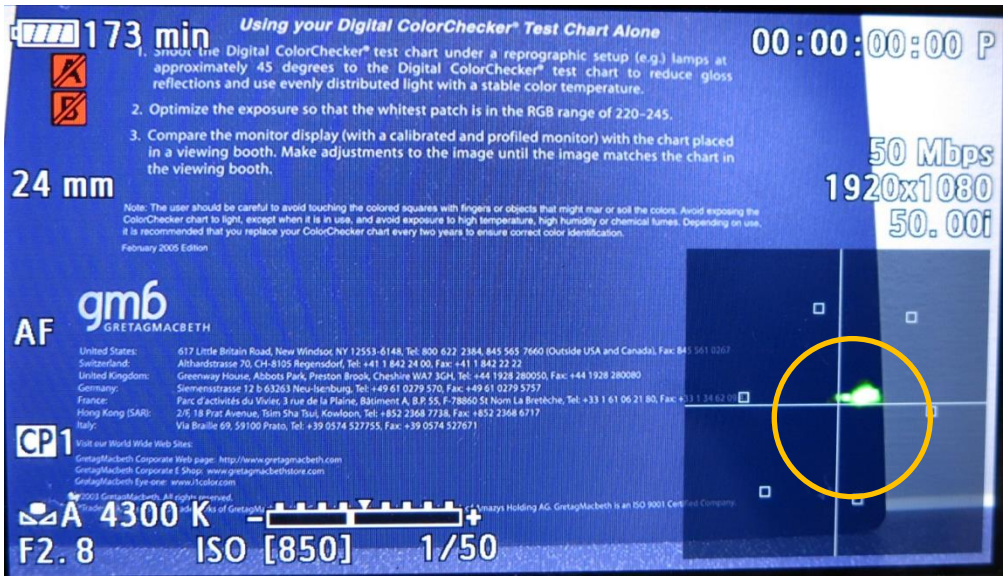
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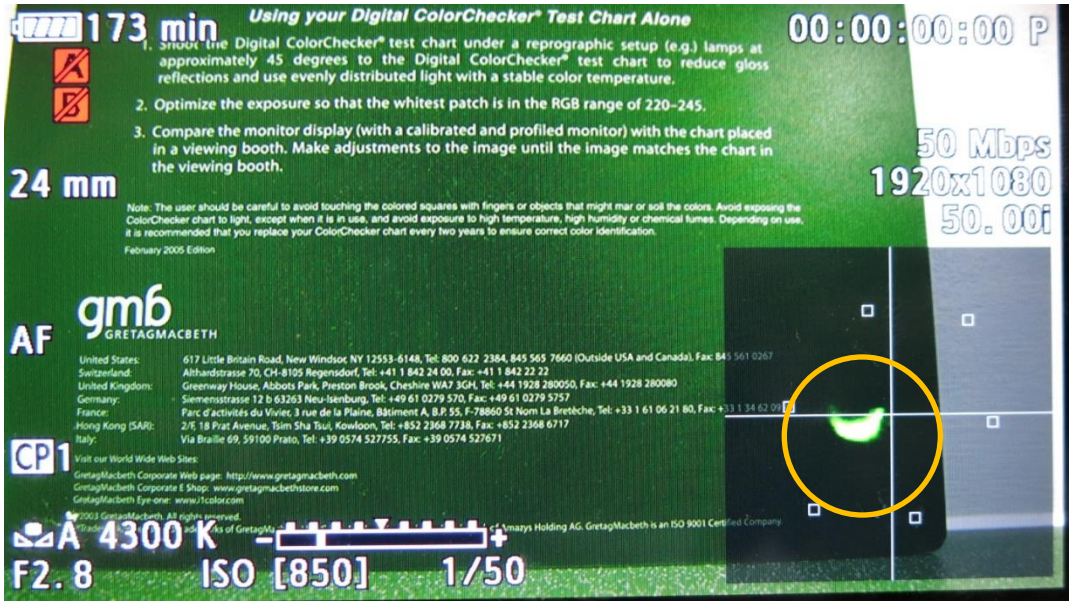
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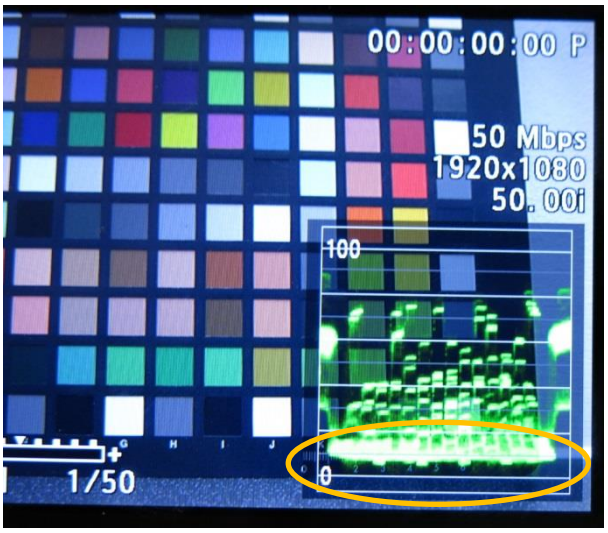
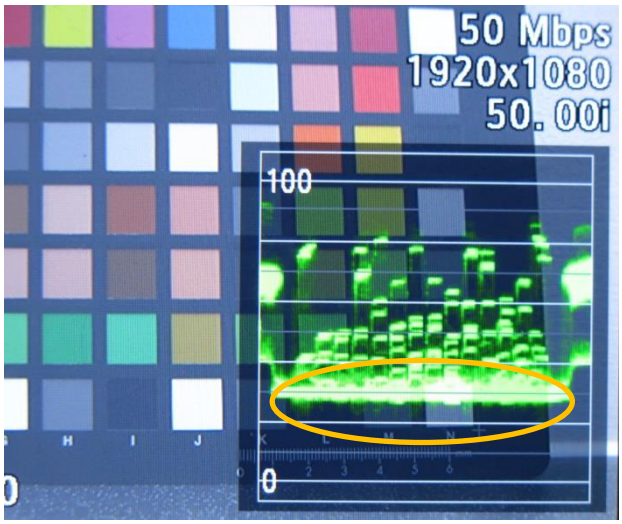
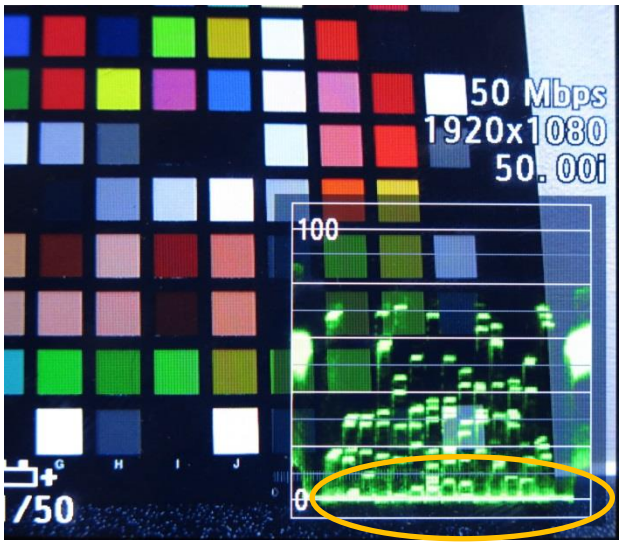
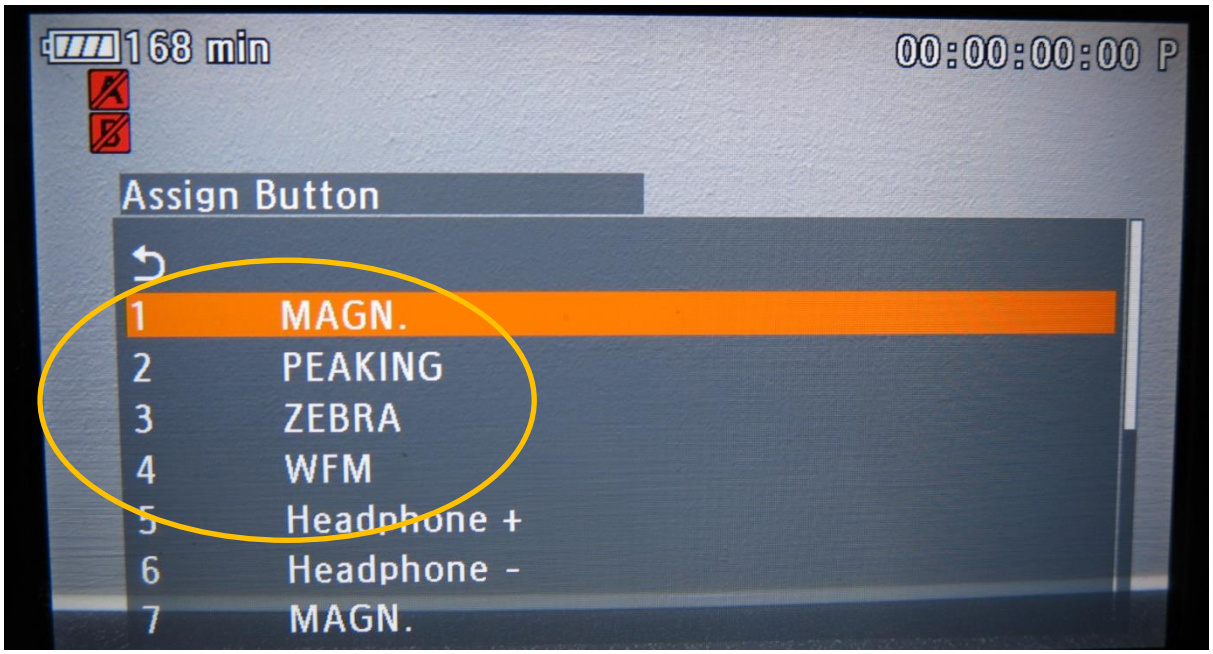
Operate Master Pedestal. Show effect on Black reproduction.







Assignable Function Button: Replicate assigned buttons 1 – 4 on camera



Good Luck!

By Paul Atkinson, Satoko Yokoi and Satake