Panasonic 17" lh1700w
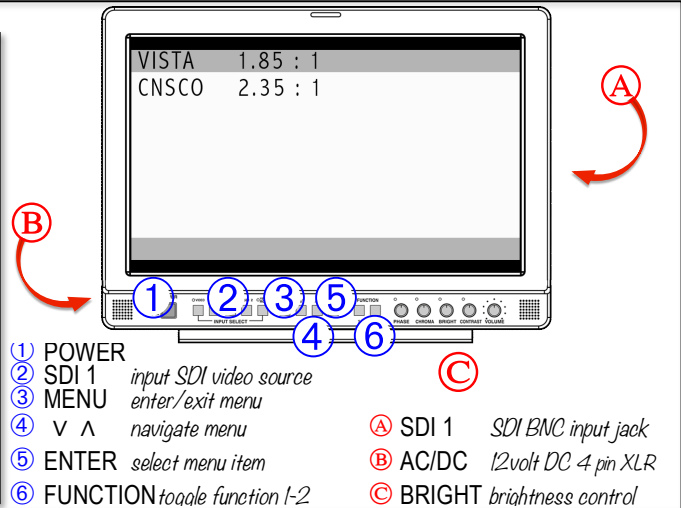
Set up / Operation
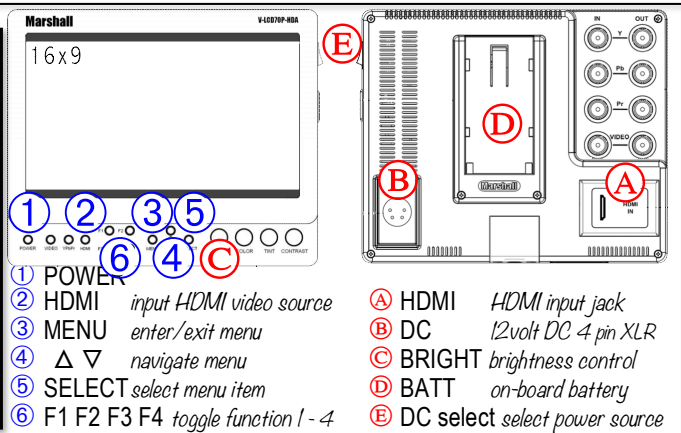
1. reset Factory
▸MENU③ ▸SYSTEM CONFIG [ENTER]⑤ ▸SETUP LOAD [ENTER]⑤ ▸FACTORY▸YES
2. turn on Exhaust Fan (off only for sound)
▸MENU③ ▸SYSTEM CONFIG [ENTER]⑤ ▸FAN MOTOR [ENTER]⑤ ▸**ON**
3. check White Point (Factory default)
▸MENU③ ▸VIDEO CONFIG [ENTER]⑤ ▸COLOR TEMP [ENTER]⑤ ▸**D65** ⓐ
4. select Aspect Ratio (user defined)
▸MENU③ ▸MARKER [ENTER]⑤ ▸MARKER 16:9 [ENTER]⑤ ▸VISTA **1.85**
▸CNSCO 2.35
5. Center Marker
▸MENU③ ▸MARKER [ENTER]⑤ ▸CENTER MARKER [ENTER]⑤ ▸ **ON**
6. Function Button(s) Re-Map
▸MENU③ ▸SYSTEM CONFIG [ENTER]⑤ ▸FUNCTION 1 [ENTER]⑤ ▸**BLUE ONLY***
▸FUNCTION 2 [ENTER]⑤ ▸SUB WINDOW
▸MENU③ ▸SYSTEM CONFIG [ENTER]⑤ ▸SUB WINDOW [ENTER]⑤ ▸WFM

```
VISTA    1.85 : 1
CNSCO    2.35 : 1
```

Ⓐ

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Ⓒ

① ② ③ ⑤ ④ ⑥

① POWER
② SDI 1 — input SDI video source
③ MENU — enter/exit menu
④ ∨ ∧ — navigate menu
⑤ ENTER — select menu item
⑥ FUNCTION — toggle function 1-2

Ⓐ SDI 1 — SDI BNC input jack
Ⓑ AC/DC — 12volt DC 4 pin XLR
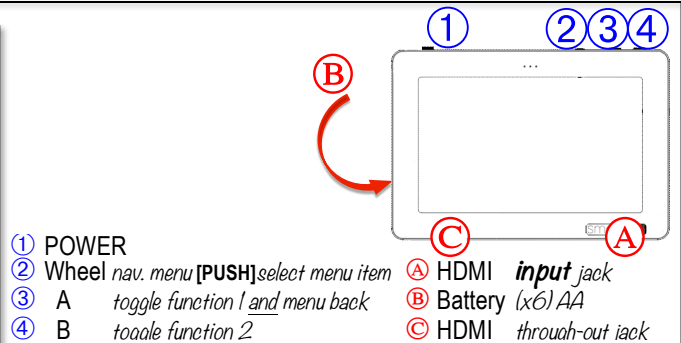Ⓒ BRIGHT — brightness control

Marshal 7" lcd70xp

Set up / Operation

1. select power source Ⓔ and reset to Factory
▸MENU③ ▸System Configuration [SELECT]⑤ ▸Manufacture Default [SELECT]⑤
2. select HDMI② for Canon 7D
3. check White Point (Factory default)
▸MENU③ ▸Video Configuration [SELECT]⑤ ▸Color Temperature [SELECT]⑤ ▸ **D65** ⓐ
4. select Marker for Canon 7D (camera INFO display off)
▸MENU③ ▸Marker Configuration [SELECT]⑤ ▸Full Screen [SELECT]⑤ ▸**85% safe**
▸Center Marker [SELECT]⑤ ▸**On**
5. Function Button(s) Re-Map
▸MENU③ ▸Function Presets [SELECT]⑤ ▸Function on F1 [SELECT]⑤ ▸**Check Field***
▸Function on F2 [SELECT]⑤ ▸**Peaking Filter**
▸Function on F3 [SELECT]⑤ ▸**Image Flip**
▸Function on F4 [SELECT]⑤ ▸**Marker Enable**

Marshall V-LCD70P-HDA
```
16x9
```

Ⓔ Ⓓ Ⓐ Ⓑ

① ② ③ ⑤ ⑥ ④ Ⓒ

① POWER
② HDMI — input HDMI video source
③ MENU — enter/exit menu
④ △ ▽ — navigate menu
⑤ SELECT — select menu item
⑥ F1 F2 F3 F4 — toggle function 1 - 4

Ⓐ HDMI — HDMI input jack
Ⓑ DC — 12volt DC 4 pin XLR
Ⓒ BRIGHT — brightness control
Ⓓ BATT — on-board battery
Ⓔ DC select — select power source

SmallHD 4" dp4

Set up / Operation

1. reset to Factory
▸MENU [PUSH]② ▸System [PUSH]② ▸Factory Reset [PUSH]② ▸Reset
2. set Voltage Meter
▸MENU [PUSH]② ▸System [PUSH]② ▸Voltage Meter [PUSH]② ▸ON (7-18 volts)
3. select Marker for Canon 7D (camera **INFO** display off for max image size)
▸MENU [PUSH]② ▸Guides [PUSH]② ▸Crosshair [PUSH]② ▸Select▸Small·Medium·Large
▸Aspect [PUSH]② ▸OFF
(full frame fits screen, 16x9 video frame does not fill screen)
5. Function Button(s) Re-Map
A function ▸hold A③ ▸**Focus Assist** [PUSH]②
B function ▸hold B④ ▸**Image Flip** [PUSH]②

Ⓑ ① ② ③ ④ Ⓒ Ⓐ

① POWER
② Wheel — nav. menu [PUSH] select menu item
③ A — toggle function 1 and menu back
④ B — toggle function 2

Ⓐ HDMI — **input** jack
Ⓑ Battery (x6) AA
Ⓒ HDMI — through-out jack

Calibrate Monitor

1. set monitor white reference to D65 ⓐ
2. send SMPTE rec709 color bars to monitor
▸Sony F3 – BARS (see TechSheet_F3)
▸Canon 7D –1. format CF card with 7D
2. connect CF card to computer (Card Reader)
3. download EOS bars IMG_0001.JPG.sitx
4. extract(unstuff) IMG_0001.JPG to CF card
- **EOS_DIGITAL : DCIM : 100EOS7D**
3. adjust monitor BRIGHTNESS
▸blend black ⓑ, 3.5 ire ⓒ, 7.5 ire ⓓ chips
▸faint 11.5 ire ⓔ chip visibility
4. enable monitor blue gun
▸Panasonic 17" LH1700W – BLUE ONY
▸Marshall 7" LCD70XP – Check Field (blue)
▸Small HD 4" DP4 - BlueOnly
5. adjust monitor CHROMA/COLOR · CONTRAST · TINT
▸unify color chips with blue/black bars
6. disable monitor blue gun

CIE 1931 Chromaticity Diagram
NTSC
EBU Rec 709
SMPTE
ⓐ
D65
1931 2-degree Observer
efg's Computer Lab
www.efg2.com/lab

ⓑ ⓒ ⓓ ⓔ

Black = 0 units / 7.5 IRE
White = 100 units / 100 IRE

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