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The Digital Juice DJ7HD 7” LCD Monitor is a high-quality HD/SD portable DSLR field monitor that combines compact size, light weight and affordability with a variety of video source inputs, composite video output and HDMI loopthrough. With intuitive onscreen controls, high-quality TFT LCD modules, low power consumption, stable performance and a crisp 800 x 480 resolution this monitor will help you keep your DSLR shots sharp, perfectly framed, and in focus. Designed to be used as an external video display, this HD monitor unit allows you to step back from the camera to frame and capture the action in comfort without having to look through the camera’s built-in viewfinder.

This monitor has multiple video input options (Component, Composite, and HDMI) allowing it to be used with almost any video-capable camera or camcorder. It also has HDMI and Composite in/out loopthrough and audio In/Out, allowing it to fit into just about any production workflow or situation. Since the monitor is equipped with a standard NP-F type battery plate, you can use your existing camera batteries as well as the supplied Li-ion rechargeable battery.

An AC power adapter is included for when you need to plug in on longer shoots and a mini hotshoe ballhead stand allows you to attach and adjust the monitor directly on your camera if desired. A sun shade makes shooting outside on location much easier and to protect your monitor in transport or storage, it comes enveloped in a custom-made lightweight soft neoprene cover.

- Crisp 800 x 480 HD resolution
- Multiple Input Interfaces: HDMI (with HDMI loopthrough), Component YPbPr, Composite and Audio Input
- Multiple Output Interfaces: HDMI, Composite Video Output
- Multiple Video Input Formats: NTSC/PAL, 480i, 480p, 576i, 576p, 720p, 1080i, 1080p
- Fixed battery plate with NP-F type adapter
- High brightness of 400 cd/m2
- DSLR Ratio Adjustment (full screen display)
- Front earphone jack
- Internal speaker
What’s Included

1. 7” DJ7HD LCD Monitor
2. Mini HDMI cable
3. AC Power adapter
4. Sun Shade with 2 fasteners
5. 1 Mini-hotshoe ballhead stand
6. 1 7.4v 6000mAh Li-ion rechargeable battery
7. Battery charger unit
8. Custom-made neoprene monitor cover

Allen key (not shown)
Front Panel View

9 Power Indicator Light
(Red indicates standby, Green indicates ON)

10 Power button

11 Mode button

12 Menu item selection key, or if not in a menu, press to cycle through 6 levels of brightness, or if held down for three seconds, switch between 16:9 and 4:3 modes

13 Menu item selection key, or if not in a menu, press to switch to monochrome images (red, green, blue, BW and color)

14 Menu button. Press to bring up menu, or press and hold for three seconds to toggle a 480p signal to full screen

15 Volume Up or Value Up while using Menu setting functions

16 Volume Down or Value Down while using Menu setting functions

17 Earphone Jack/Audio Out

18 Screen protection film
Rear Panel View

20 Component YPbPr
   Y signal input
21 Audio signal input
22 Component YPbPr
   Pb signal input
23 Composite video signal input
24 Component YPbPr
   Pr signal input
25 Composite video signal output
26 HDMI signal input
27 HDMI signal output
28 Battery Power On/Off switch
29 Battery Plate
30 4-pin XLR DC power input
31 DC power input
Specifications

Size: 7.4" x 5.2" x 1.6" / 188 x 131 x 41mm

Weight: 1 lb / 454g (monitor alone in neoprene cover); 1.6 lbs / 726g (monitor with battery attached); 2.6 lbs / 1.2kg (monitor plus all accessories)

Panel Size: 7” TFT LCD

Dot Resolution: 800×480 pixel

Dot pitch: 0.05mm(w) x 0.15mm(h)

Brightness: 400cd/m²

Contrast: 500:1

Aspect Ratio: 16:9

Display ratio: 16:9 / 4:3 (adjustable)

Backlight: LED

Viewing Angle: 70°/70° (L/R), 50°/60° (U/D)

Signal input: HDMI, YPbPr, Composite Video, Audio

Signal output: HDMI, Composite, Audio

Input formats supported: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p

Color System: PAL-4.43; NTSC-3.58

Operating Voltage: DC 7V-12V

Power Consumption: ≤8W

Operating Temperature: -20°C—55°C

Storage Temperature: -30 °C—65°C

Power Adapter: Plug Type—US; Input—100—240V; 50/60Hz; Output —12V, 1

CAUTION

• Please use the provided power supply or a compatible rechargeable 7.4v 6000mAh Li-ion battery to power this monitor.

• DO NOT expose this product to direct sunlight, heat or humid conditions.

• Avoid hard or heavy impacts or dropping of the monitor.

• DO NOT use chemical solutions to clean the monitor. Use only a clean soft cloth.

• This product has no adjustable components. DO NOT take apart or attempt to repair this unit.

• The power switch on the back of the monitor is used to control battery power. It should be placed in the OFF position when you are not using battery power. It is also recommended to remove the battery when monitor is not in use.
Before setting any menu functions, please make sure the device is connected correctly and receiving power. The monitor must be powered ON and receiving a signal before you can use the onscreen display (OSD) menu functions. Press the MODE button on the front of the unit to switch the display to your active signal source (HDMI/YPbPr/VIDEO). You can then press the MENU button to access the OSD. Use the up and down arrow keys to choose from COLOR, MENU, FUNCTION or SOUND menu options in main menu. Press the left or right arrow keys to confirm your selection and then choose your desired adjustment option by pressing the up or down arrow keys. Next, use the left or right arrow keys to adjust the value or select an adjustment option. Press the MENU key to exit.

1. Color Menu Settings

**Brightness**: To adjust the image’s brightness

**Contrast**: To adjust the brightest to darkest ratio of the image

**Tint**: In composite video mode, this is used to adjust the NTSC color signal

**Saturation**: To adjust the color saturation in the image

**Color Temp**: Use this adjustment to alter the color temperature of the image to one of the following presets: User, 6500K, 7500K, 9300K. If User preset is selected, use the up and down arrow keys to select Red (R), Green (G) or B (Blue) and then adjust the value to your requirements using the left and right arrow keys.
2. OSD Menu Settings

**Language:** Choose from English, German, Korean, Spanish, Italian, French, Japanese, Chinese, Korean, Russian

**H Position:** To adjust the OSD position horizontally

**V Position:** To adjust the OSD position vertically

**OSD Timeout:** This timer setting controls the amount of time the menu pop-up screen will stay on screen without any user input before disappearing

**Transparent:** To adjust transparency of the Menu

3. Function Menu Settings

**Reset:** Resets system parameters and settings to original factory settings

**Display Ratio:** To choose the aspect ratio - 16:9 or 4:3

**Screen Markers:** Picture framing marker options including 80%, 85%, 90%, 93%, 96% & OFF

**Centre Markers:** To turn center of screen crosshairs ON or OFF

**LR:** To flip image left to right (horizontally)

**UD:** To flip image upside down (vertically)
4. Sound Menu

**Volume:** To adjust the volume

**Problem #1:** Picture is appearing only in black and white

**Possible Solution #1:** Please check saturation, brightness, and contrast adjustments to make sure they are set properly. Also make sure the Color setting in the Function menu is set to full color saturation and try again.

**Problem #2:** There is NO picture after turning on the power.

**Possible Solution #2:** Check the input signal cable connection and make sure the battery or AC power connections are seated properly on the back of the monitor and then try again.

**Problem #3:** Image color is distorted or abnormal, e.g. lacking in some color

**Possible Solution #3:** Please check the input signal cable connection to make sure it is correct. If the cable is damaged or loose, it can cause poor signal transfer, resulting in image color distortion.

**Problem #4:** The unit will not power on when using battery power source.

**Possible Solution #4:** The battery needs to be charged or is bad. Please change the battery and try again.

**Problem #5:** Any other abnormal image display

**Possible Solution #5:** Please try entering the OSD Function Menu and selecting “reset” to return all system parameters and settings to original factory settings.
Unless otherwise noted this warranty agreement is the only warranty agreement between the parties. This agreement states the limits and association of risk between the two parties. By use of the Product and accessories the customer acknowledges understanding of this warranty and agreement and binding to the terms contained within.

Return Policy

• 30-day money back excluding shipping.
• A receipt dated within 30 days of purchase.
• All returns must be new, unused, and contain all original packaging, labels and accessories.
• The original product must be returned inside your shipping box.
• DJ suggests using a carrier that provides tracking and insurance. DJ is not responsible for lost shipments.

Warranty

Digital Juice, Inc. warrants all Digital Juice products purchased new by original owner to be free from defects in the material and workmanship under normal use for a period of 12 months from the date of purchase. Warranty is void when misuse or neglect is the cause. THIS WARRANTY IS VALID ONLY IN THE UNITED STATES AND CANADA.

Legal Indemnification

No other express warranty or guaranty, except as mentioned above, given by any person or entity with respect to Digital Juice products shall bind Digital Juice, Inc. This warranty supersedes all other warranties expressed or implied. NO IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLY TO DIGITAL JUICE PRODUCTS AND ARE HEREBY DISCLAIMED.

In the event of a possible warranty claim, the defective product must be returned to Digital Juice, Inc (hereafter “Digital Juice”). If proven to be defective upon inspection, it will be exchanged for a new or comparable rebuilt product, as determined by Digital Juice and shipped back to the original purchaser. All shipping costs are the responsibility of the customer. Warranty replacement shall not extend the original warranty period of the defective Digital Juice Product.
The customer’s remedies with respect to defective Digital Juice Product and accessories shall be exclusively limited to the repair or replacement remedy as above provided and in no event shall Digital Juice be liable for loss of profits, revenues, savings, inconvenience, associated costs, expense for equipment or service, use of capital, facilities, services, storage charges, damage to property, or any other special, incidental or consequential damages caused by the use or misuse of, or inability to use, the Digital Juice Product or accessories, regardless of the legal theory on which the claim is based, and even if Digital Juice has been advised of such damages. In no event shall recovery of any kind against Digital Juice be greater in amount than the purchase price of the Digital Juice product sold by Digital Juice and causing the alleged damage.

Without limiting the foregoing, the purchaser assumes all risk and liability for loss, damage or injury to persons, animals or property arising out of use or misuse of, or inability to use, the Digital Juice Product and accessories. Digital Juice is not liable for third party claims. This limited warranty shall not extend to anyone other than the original purchaser of the Digital Juice product, or the person for whom it was purchased as a gift, and states your exclusive remedy. In no event shall Digital Juice be liable for incidental or consequential damages to the full extent such may be disclaimed by law.

Unless otherwise noted this warranty agreement is the only warranty agreement between the parties. This agreement states the limits and association of risk between the two parties. By use of the Product and accessories the customer acknowledges understanding of this warranty and agreement and binding to the terms contained within.