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The Digital Juice TOUCH PRO 10 HD is a portable 10” LCD field monitor that combines an innovative gesture-activated touchscreen control system and an advanced feature set with a beautiful 1280 x 800 liquid crystal display. By simply using a hand gesture to swipe down, you reveal the monitor’s shortcuts menu and have access to its advanced features, including a creatively integrated waveform, vectorscope and video analyser for more accurate monitoring while shooting, making or playing movies.

Designed to be used as an external video display in a field or production environment, this HD monitor 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. It converts the image you would normally see on your tiny built-in camera screen to a much larger display with support up to 1920 x 1080 resolution. The larger screen offers easier viewing that won’t strain your eyes. And the touchscreen technology means no more cycling through chaotic button commands to make changes to the monitor’s settings.

- Gesture-activated touchscreen with easy-to-navigate pop-up onscreen shortcut menus
- Large 10.1” Screen with 1280 x 800 HD resolution plus 4:3 and 16:9 display ratios
- LED IPS technology for consistent, accurate color from all viewing angles
- Professional waveform measurement and color control with Histogram, Waveform & Vectorscope displays
- Lightweight thin design attaches just about anywhere it’s needed for optimal viewing
- High contrast: 800:1
- Two battery plate options—Sony F970 battery plate and additional Canon LP-E6 battery plate
- Connectivity via HDMI, composite, Tally, VGA and audio inputs / HDMI and Video outputs, plus a built-in speaker
- Complete kit includes necessary connection cables (HDMI, Composite Video, Audio and Mini XLR/Tally), rechargeable Li-ion battery and charger, AC power adapter, mini hotshoe ballhead mount, gimbal bracket, sun shade and suitcase-style protective carry case.
What’s Included

- TOUCH PRO 10 HD 10” LCD Field Monitor (1)
- 7.4v 6000mAh Li-ion rechargeable battery pack (2)
- Sony F970 rechargeable battery plate (3)
- Battery charger unit (4)
- Canon LP-E6 Battery Plate (5)
- Battery Plate Bracket (6)
- VESA Battery Plate (7)
- Folding Sun Shade (8)
- Sunshade Bracket (9)
- HDMI A/C cable (10)
- Mini XLR cable (11)
- Composite Cable (12)
- Audio Output Cable (13)
- Mini hotshoe swivel mount (14)
- 12V DC Adapter (15)
- Gimbal Bracket (16)
- Suitcase-style Deluxe Carry Case (17)
18 **Adjustment Dial:** Turn down the dial to activate the Brightness adjustment. Turn up and down to adjust the value then press to confirm. Press the dial to switch between Brightness, Contrast, Saturation, Sharpness, Hue, Volume and Exit options. The most recently adjusted option will be the default option when the user presses the dial the next time.

19 **INPUT Button:** Press to switch between VIDEO, HDMI and VGA input sources.

20, 21 & 22 **F1, F2, F3 User-Definable Function Buttons:** Press and hold any of the 3 buttons for 3-5 seconds to pop-up a shortcut menu where you can choose your desired function. Use the Adjustment Dial to select the desired option on the menu. Finally, press Adjustment Dial to confirm the selected item as default for that button. Functions for these shortcut buttons can be customized to the following functions: Center Marker, Screen Marker, Check Field, Color Bar, Aspect Ratio, Camera, PIP, Zoom, Pixel-to-Pixel, Freeze Input, Underscan, H/V Delay, Peaking, False Color, Exposure, Histogram, Level Meter, Waveform and Vector.

Factory-shipped default functions are: F1 - Waveform, F2 - Vector, F3 - Level Meter
23 Screw attachment points for Battery Plate Bracket
24 VGA interface
25 Battery power On/Off switch: O is Power Off, I is Power On.
26 DC 12V power input/ Battery Plate Bracket Power Connection
27 DC/TALLY Connector
28 HDMI Input Interface
29 HDMI Output Interface
30 Video Output Interface
31 A/V Input Interface
32 Earphone Jack
33 Speaker
With the provided screws, attach the Battery Plate Bracket (Figure 1) to the back of the monitor using the corresponding screw attachment holes. Then insert the power cord from the bracket into the DC Power Input on the side of the monitor (Figure 2).

Install the desired battery plate (Sony F970 or Canon LP-E6) by sliding it into position on the battery plate bracket (Figure 3).

Slide the corresponding compatible battery onto the battery plate and make sure it is firmly attached (Figure 4).

Turn battery power on by pressing the power switch on the side of monitor, next to DC Power input.
• Attach Sunshade Bracket to the front of the monitor (Figure 5) by placing the top bracket clasps around top edge of monitor and then snapping it into place with bottom edge clasps on bottom edge of monitor (Figure 6). The side with no velcro-lined lip belongs on the bottom edge.

• Place folded sunshade inside the bracket with top edge pressed against the top edge of the bracket (Figure 7). Unfold the two side panels of the sunshade and press them firmly against the left and right edges of the bracket (Figure 8) so that all three sides are firmly attached to the velcro lining on the inside of the bracket frame (Figure 9).
The included Gimbal Bracket *(Figure 10)* provides a secure base for when the monitor is not directly attached to the camera. To attach the monitor to the gimbal bracket, use the provided knobs to screw each of the gimbal arms into the corresponding attachment holes *(Figure 11)* on each side of the monitor *(Figure 12)*.
Swipe up to activate the shortcut menu (Figure 13). Swipe down to hide the shortcut menu. You cannot hide the shortcut menu when there is no signal input. Once you have swiped up to activate the shortcut menu, you can select the option you need to adjust from the menu bar. The top menu bar option values are all shown in dropdown lists on screen when you press on the desired menu. In the bottom menu bar, option values are shown sequentially on screen with successive taps on the desired menu.

When you press on the gear icon (Figure 14) (first icon in upper left corner of screen) you will see the main interface menu options. (Figure 15) Pressing the return key (lower left) while in this mode will take you back a level and pressing the X key (lower right) will exit the interface menu system.
Main Interface Menu Options

**Picture:** Contains Brightness, Contrast, Saturation, Hue, Sharpness, Back Light and Volume. You can adjust the levels from 0-100 by pressing on + or - on the indicator bars. *(Figure 16)*

**Display:** In VGA mode, options include Auto (On or Off), Phase (0-63), Clock (0-100), H-Position (0-100), V Position (0-100). In all modes, options include Image Flip (On or Off) and Color Bar (On or Off). *(Figure 17)*

**Color Temp:** Options include 6500K, 7300K, 9300K or User. In User mode, you can adjust R-Gain, G-Gain and B-Gain from 0-255 and R-Offset, G-Offset and B-Offset from 0-511. *(Figure 18)*

**Marker:** Includes Center Marker (On or Off), Marker Color (Red, Green, Blue, White, Black), Marker Mat (0-7) and Thickness (1-8). *(Figure 19)*

**PIP:** Includes PIP Mode (Small, Medium, Large, PBP, POP), PIP Source (Video, VGA, HDMI), PIP Position (Upper Left, Upper Right, Lower Left, Lower Right), PIP Swap (signal adjust and switch under PBP and POP modes). *(Figure 20)*

**Setting:** Options include Language (English, Chinese), Logo (On or Off), Camera (480P, 1080i), Peaking Color (Red, Green, Blue, White, Black), Peaking Level (0-100), Exposure Level (0-100), Reset and Upgrade. *(Figure 21)*

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**Figure 16**

**Figure 17**

**Figure 18**

**Figure 19**

**Figure 20**

**Figure 21**
### Input
- Video, VGA and HDMI

### Aspect
- Full Screen, 4:3, 16:9, 1.85:1, 2.35:1

### Screen Marker
- OFF, 95%, 93%, 90%, 88%, 85%, 80%

### Aspect Marker
- 6:9, 4:3, 14:9, 13:9, 15:9, 1.85:1, 2.35:1

### Color Temperature
- 6500K, 7300K, 9300K, User Defined

### Zoom
- OFF, x2, x4, x6, x8

### H/V Delay
- OFF, H Delay, V Delay, H & V Delay

### Check Field
- OFF, Mono, Red, Green, Blue

### Pix-to-Pix
- The Pixel to Pixel mapping enables filmmakers to see the input source images natively 1:1, without scaling.

### Underscan
- Compensates for when the image from camera does not completely fill the screen, sometimes causing a black border around the image.

### Freeze
- Provides the ability to freeze a frame for detailed analysis.

### Peaking
- This filter is used to aid the camera operator in obtaining the sharpest possible picture. It is most effective when the subject is properly exposed and contains enough contrast to be processed.

### False Color
- Allows you to define allowable contrast ranges and see instantly which shadows are underexposed and which highlights risk clipping.
**GETTING STARTED GUIDE**

**Key Shortcut Menu Functions** (continued)

- **Exposure**: This is used to assist in exposure adjustment in the mode of Zebra Pattern.

- **Histogram**: Consists of RGB, Color and Luminance histograms so the user can view visually the exposure as a whole and for each of the RGB channels.

- **Level Meter**: The Audio Level Meter helps maintain a consistency of volume across various clips for an all-around better audio capturing experience.

- **Waveform**: Measures the brightness, luminance or chroma values from your video input signal.

- **Vectorscope**: Shows how saturated the image is and where the pixels in the image land on the color spectrum.

The Level Meter, Histogram, Waveform & Vectorscope features provide professional waveform measurement and color control, allowing you to realise and record natural color. These measurement controls can also be displayed horizontally together for a more complete picture of your shooting environment.

**HISTOGRAM**

Histogram consists of RGB, Color and Luminance histograms so the user can view visually the exposure as a whole and for each of the RGB channels. The RGB Histogram shows the Red, Green and Blue channels in an overlay histogram. The Color Histogram; shows histograms for each of the red, green and blue channels. The Luminance Histogram: shows the distribution of brightness in an image as a graph of luminance. Users have the full contrast range of video for easy color correction during post production.

**WAVEFORM**

Waveform monitoring consists of Luminance, YCbCr parade & RGB parade Waveforms, which are used for measuring the brightness, luminance or chroma values from a video input signal. It can not only warn the user for out-of-range conditions such as overexposure errors, but also assist with color correction and camera white and black balance.

**VECTORSCOPE**

Vectorscope shows how saturated the image is and where the pixels in the image land on the color spectrum. It can also be displayed in various sizes and positions, allowing the user to monitor color gamut range in real time.

**AUDIO LEVEL METER**

The Audio Level Meter provides numerical indicators and headroom levels. It can generate accurate audio level displays to prevent errors during monitoring.
Troubleshooting

For any problems using the unit, first consult these troubleshooting tips.

The display is only showing black-and-white
Check whether the color saturation is properly setup or not.

The power is on but there is no picture visible
Check whether the input cables (AV, VGA, and HDMI) are correctly connected or not.

Wrong or abnormal colors
Check whether the cables are correctly and properly connected or not. Broken or loose pins of the cables may cause a bad connection.

When on, the picture shows size error
Swipe up to activate menu, Click “Underscan” to zoom in/out on pictures automatically when receiving HDMI signals.

For other problems, first try this
Swipe up to activate menu, click the gear button for Main Menu then choose Setting/Reset.
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.
Specifications

Panel: 10.1” LED IPS

Physical Resolution: 1280x800, support up to 1920x1080

Aspect Ratio: 16:9

Brightness: 350CD/m²

Contrast: 800:1

Viewing Angle: 170°/170° (H/V)

HDMI: 2

Composite: 1

Tally: 1

VGA: 1

Video: 1

Speaker: 1 (built-in)

Ear Phone Slot: 1

Current: 1200mA

Input Voltage: DC 7-24V

Battery Plate: F970 (Sony), LP-E6 (Canon)

Power Consumption: ≤ 12W

Operating Temperature: 0°C to 50°C

Storage Temperature: -20°C to 60°C

Dimension (LWD): 9.84” x 6.69” x 1.16” (250x170x29.6mm)

Weight: 1.39lbs (630g)

CAUTION

- Please use the provided power supply or a compatible rechargeable 7.4v 6000mAh Li-ion battery to power this monitor. Improper power input may cause damage.

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

- DO NOT place the display screen facedown on the ground.

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

- DO NOT use chemical solutions to clean this product. Wipe with a clean soft cloth to maintain the brightness of the surface.

- DO NOT block any vent holes.

- Unplug from power and/or remove the battery for long-term storage or disuse. Also disconnect from power source during thunderstorms.