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ANDYCINE A6 MAX

ANDYCINE A6 Max 6-Inch Touch Screen Camera Field Monitor User Manual

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your ANDYCINE A6 Max 6-inch Touch Screen Camera Field Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize its performance.

Image: The ANDYCINE A6 Max monitor with its various included accessories such as battery, charger, HDMI cables, carry case, and sun hood.

Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- ANDYCINE A6 Max Monitor
- F550 Battery
- Battery Charger
- Micro HDMI Cable
- Mini HDMI Cable
- Carry Case
- Sun Shade
- Tait Arm (Mounting Bracket)
- Type C to USB-A Adapter
- Disassemble Wrench
- User Manual

Image: A visual representation of all items included in the ANDYCINE A6 Max product package.

Product Features

Display and Visuals

The A6 Max features a 6-inch 1920x1080P Full HD IPS touchscreen display. It offers 500 nits brightness, a 1000:1 contrast ratio, and a 160-degree viewing angle, ensuring clear visibility even in bright conditions when used with the included sun hood.

Image: Infographic detailing the display specifications of the A6 Max, including resolution, brightness, PPI, viewing angle, and contrast ratio.

Connectivity and Ports

The monitor supports 4K HDMI input and loop-out, allowing for connection to various cameras and external displays. It includes a 3.5mm earphone slot for audio monitoring and multiple DC input/output options.

Image: Diagram illustrating the various ports on the ANDYCINE A6 Max, including HDMI In/Out, DC In/Out, 5V Type-C Power Supply, and 3.5mm Ear Phone Slot, along with product dimensions.

Power Options

The A6 Max can be powered by NP-F series batteries (like the included F550), a 5V Type-C input, or an external DC adapter. The 8.4V DC output can also power your camera with a compatible power cable (not included).

Image: Visual representation of the different power input methods for the A6 Max monitor: NP-F series battery, Type-C power supply, and DC adapter power supply.

External F970 Power Plate

The integrated F970 external install power plate allows for mounting and powering external equipment such as wireless transmitters, LED lights, or video converters. This design helps to consolidate equipment and reduce the overall weight of your camera rig.

Image: The F970 battery plate on the rear of the monitor, demonstrating its compatibility with NPF series batteries and its use with an external install kit for accessories like a wireless transmitter.

Advanced Monitoring Tools

The A6 Max includes professional monitoring features to assist with accurate focus and exposure. These include Histogram, Zebra, Focus Assist (Peaking), Waveform, False Color, Center Marker, Nine Grid, Safe Area, Image Flip, Pixel-to-Pixel, Check Field, Anamorphic De-squeeze, and Image Freeze.

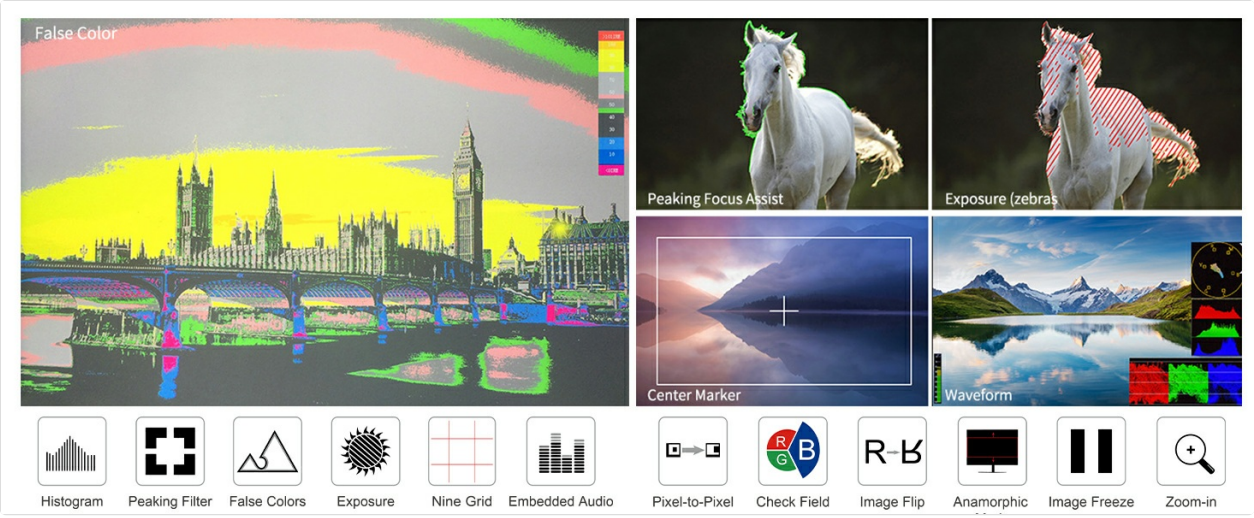


Image: A collage showcasing various advanced monitoring tools available on the A6 Max, including False Color, Peaking Focus Assist, Exposure (Zebras), Center Marker, and Waveform.

3D LUT Functionality

The monitor supports 3D LUT (Look Up Table) functionality, allowing users to import up to 32 custom LUT cubes via the Type-C interface. This enables real-time preview of color grading effects directly on the monitor.

Image: The 3D LUT menu interface on the A6 Max, demonstrating the ability to import and apply custom LUTs, with an inset showing the Type-C interface for USB connection.

Setup Guide

Mounting the Monitor

1. Attach the Tait Arm (mounting bracket) to the 1/4-inch screw hole on the bottom of the monitor.
2. Secure the Tait Arm to your camera's hot shoe or a compatible mounting point on your rig.

3. Adjust the angle of the monitor for optimal viewing.

Image: The ANDYCINE A6 Max monitor mounted on a camera with the sun hood attached, demonstrating its use in bright conditions.

Power Connection

1. **Using NP-F Battery:** Insert a charged NP-F series battery (e.g., F550) into the battery plate on the rear of the monitor.
2. **Using Type-C Power:** Connect a 5V Type-C power source to the 'DC IN 5V (Type-C)' port.
3. **Using DC Adapter:** Connect a compatible DC power adapter to the 'DC IN 12V' port.

HDMI Connection

1. Connect one end of the HDMI cable (Micro HDMI or Mini HDMI, depending on your camera) to your camera's HDMI output port.
2. Connect the other end of the HDMI cable to the 'HDMI IN' port on the A6 Max monitor.
3. To loop out the signal to another monitor, connect an HDMI cable from the 'HDMI OUT' port on the A6 Max to the input of the second monitor.

Image: The A6 Max monitor connected to a camera and simultaneously looping out the video signal to a larger director monitor, demonstrating its 4K HDMI input and output capabilities.

Operating Instructions

Power On/Off

Press and hold the power button located on the top edge of the monitor to turn it on or off.

Touchscreen Interface

The A6 Max features a responsive touchscreen for intuitive control. Use two fingers to pinch and zoom images. Quick access to menu options and other functions is available by touching the left and bottom areas of the screen.

Image: A hand interacting with the touchscreen menu of the A6 Max, showing options like Histogram, Focus Assist, Peaking Color, and Exposure.

Menu Navigation

Press the 'MENU' button or tap the screen to access the main menu. Use the touchscreen or the physical buttons (up/down/left/right) to navigate through options and adjust settings. Confirm selections by pressing the 'OK' button or tapping the corresponding option on the screen.

Using Monitoring Functions

Access various monitoring tools like Histogram, Zebra, Focus Assist, and Waveform through the menu. Activate or deactivate these functions as needed to assist with exposure and focus accuracy during shooting.

Customizing Shortcut Keys

The A6 Max includes customizable shortcut keys (F1, F2) on the top panel. These can be assigned to frequently used functions for quick access. Refer to the menu settings for key customization options.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and body. For stubborn smudges, a slightly damp cloth with a mild cleaning solution suitable for electronics can be used. Avoid harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the monitor in its provided carry case to protect it from dust, scratches, and impacts. Keep it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Remove the battery if the monitor will not be used for an extended period. Charge the battery regularly to maintain its health, even if not in active use.
- **Cable Management:** Handle HDMI and power cables carefully. Avoid sharp bends or excessive force that could damage the connectors or cables.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Monitor does not power on.	Battery is depleted or not properly inserted. Power cable is disconnected or faulty.	Ensure battery is charged and correctly inserted. Check power cable connections. Try a different power source.
No video signal on monitor.	HDMI cable is loose, damaged, or incorrect. Camera output settings are incorrect.	Verify HDMI cable connection at both ends. Try a different HDMI cable. Check camera's HDMI output settings (resolution, frame rate).
Touchscreen is unresponsive.	Temporary software glitch. Screen is dirty.	Restart the monitor. Clean the screen with a soft cloth.
Battery indicator shows incorrect percentage (e.g., stuck at 80%).	Battery calibration issue or specific battery characteristic.	This can sometimes occur with certain batteries. Monitor actual usage time to gauge remaining power. Consider fully discharging and recharging the battery to recalibrate.
HDMI cable breaks easily at mini connector.	Physical stress or manufacturing variance.	Handle cables with care, especially at connectors. Consider purchasing a higher quality, more robust HDMI cable if issues persist.

SPECIFICATIONS

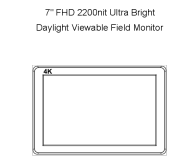
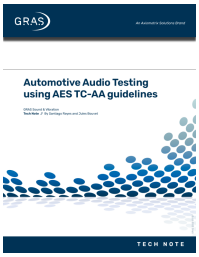
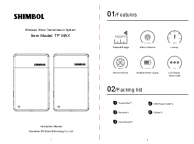
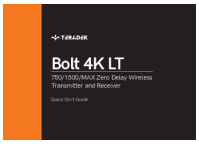
Feature	Detail
Model Number	A6 MAX BUNDLE
Screen Size	6 inches
Resolution	1920x1080P Full HD
Brightness	500 nits
Contrast Ratio	1000:1
Viewing Angle	160 degrees
HDMI Input/Output	4K 30 FPS Max (4096x2160p @ 24Hz, 3840x2160p @ 30/29.97/25/24/23.98Hz)
Power Input	DC IN 12V, DC IN 5V (Type-C)
Power Output	DC OUT 8.4V
Audio Output	3.5mm Earphone Jack
Dimensions	5.83 x 3.66 x 0.87 inches (148 x 93 x 22 mm)
Item Weight	8.6 ounces (245g)

Feature	Detail
Battery Type	NP-F series (e.g., F550, F970)

Warranty and Support

ANDYCINE products typically come with a manufacturer's warranty. For specific warranty details, registration, or technical support, please refer to the official ANDYCINE website or contact their customer service directly. You can often find contact information on the product packaging or on the brand's official online store.
For further assistance, you may visit the ANDYCINE Store on Amazon.

Related Documents - A6 MAX

	7-inch FHD 2200nit Ultra Bright Daylight Viewable Field Monitor User Manual User manual for the 7-inch FHD 2200nit Ultra Bright Daylight Viewable Field Monitor, detailing features, operation, technical specifications, and troubleshooting. This guide provides comprehensive information for users of the Andycine field monitor.
	Automotive Audio Testing Using AES TC-AA Guidelines with GRAS and Audio Precision This technical note details how to perform automotive in-car audio testing using the AES TC-AA guidelines. It covers microphone selection, setup configurations with GRAS and Audio Precision equipment, and the execution of various acoustic measurements like frequency response, max SPL, and impulsive distortion.
	SHIMBOL TP MAX Wireless Video Transmission System User Manual User manual for the SHIMBOL TP MAX Wireless Video Transmission System, detailing features, technical parameters, and product description.
	Leeming LUT Pro 4 for Apple iPhone Pro: Setup Guide This comprehensive setup guide details how to use Leeming LUT Pro 4 with Apple iPhone Pro models via the Blackmagic Camera app. Achieve professional color grading, maximum dynamic range, and accurate Rec709 output by following recommended camera settings and ETTR principles.
	Teradek Bolt 4K LT Series: Quick Start Guide for Wireless Video Transmission Quick start guide for the Teradek Bolt 4K LT series, covering setup, physical properties, connection, mounting, and basic operation of the zero-delay wireless video transmitter and receiver system.