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JVC DT-V21G11Z

JVC DT-V21G11Z 21-INCH Multi-Format Monitor User Manual

Model: DT-V21G11Z

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your JVC DT-V21G11Z 21-inch Multi-Format Monitor. Please read this manual thoroughly before using the product to ensure safe and optimal performance.

The JVC DT-V21G11Z is a professional-grade monitor featuring a full-HD 1920 x 1080 panel with white LED backlighting. This design contributes to reduced power consumption and extended monitor lifetime compared to traditional CCFL-driven displays. The LED backlighting also ensures smoother and more consistent image reproduction.

Key features include:

- Supports 3G-SDI and Dual Link HD-SDI with embedded audio.
- Wide Viewing Angle 178 x 178 Degree IPS Panel.
- 1920 x 1080 pixel Full HD resolution.

Product Overview



Figure 1: Front view of the JVC DT-V21G11Z monitor. The display shows a helicopter in flight over water, demonstrating the monitor's high-definition capabilities. Below the screen, various control knobs and buttons are visible, including Volume, Phase, Chroma, Bright, Contrast, Muting, and input selection buttons for SDI, DVI, and Composite Video.

The monitor's front panel includes essential controls for image adjustment and input selection. These controls are designed for intuitive operation, allowing users to quickly fine-tune display parameters and switch between various video sources.

Front Panel Controls

- **VOLUME:** Adjusts audio output level.
- **PHASE:** Adjusts the color phase.
- **CHROMA:** Adjusts color saturation.
- **BRIGHT:** Adjusts screen brightness.
- **CONTRAST:** Adjusts the difference between light and dark areas.
- **MUTING:** Mutes audio output.
- **MENU:** Accesses the on-screen display (OSD) menu for advanced settings.
- **SDI 1/2, DVI, COMPO. VIDEO:** Buttons for selecting input sources.
- **DUAL LINK:** Activates dual link SDI mode.
- **1:1, MARKER, SAFETY, SCREENS, ASPECT, SCOPE, T.C.:** Buttons for various display functions and overlays.

Setup

Unpacking and Inspection

1. Carefully remove the monitor and all accessories from the packaging.
2. Verify that all components listed in the packing list are present.
3. Inspect the monitor for any signs of physical damage that may have occurred during transit. If damage is found, contact your dealer immediately.

Placement

- Place the monitor on a stable, flat surface.
- Ensure adequate ventilation around the monitor to prevent overheating. Do not block ventilation openings.
- Avoid direct sunlight, heat sources, and excessive dust or humidity.

Connecting Power

Connect the supplied AC power cord to the monitor's power input and then to a standard electrical outlet. Ensure the power switch is in the OFF position before connecting.

Connecting Video Sources

The DT-V21G11Z supports various video inputs. Refer to the rear panel for specific input ports.

- **SDI/HD-SDI/3G-SDI:** Connect professional video equipment using BNC cables to the SDI input ports.
- **DVI:** Connect digital video sources using a DVI cable.
- **Composite Video:** Connect analog video sources using a BNC cable.
- **Audio:** Connect audio sources to the designated audio input ports if embedded audio is not used or for additional audio monitoring.

Operating Instructions

Powering On/Off

1. To power on, press the power button located on the front panel. The power indicator will illuminate.
2. To power off, press the power button again. The power indicator will turn off.

Selecting Input Sources

Use the dedicated input selection buttons (SDI 1/2, DVI, COMPO. VIDEO) on the front panel to switch between connected video sources.

Adjusting Display Settings

Use the rotary knobs (VOLUME, PHASE, CHROMA, BRIGHT, CONTRAST) for quick adjustments. For more advanced settings, use the MENU button to navigate the On-Screen Display (OSD).

OSD Menu Navigation

- Press the **MENU** button to open the OSD.
- Use the navigation buttons (often integrated with other controls or separate arrows) to move through menu options.
- Press the **ENTER** or corresponding button to select an option or confirm a setting.
- Press **MENU** again to exit the OSD.

Using Display Functions (Markers, Aspect Ratio, Scope)

The monitor provides various professional display functions accessible via dedicated buttons:

- **MARKER:** Toggles various screen markers (e.g., center marker, aspect ratio markers).
- **SAFETY:** Displays safety area markers for broadcast.
- **ASPECT:** Cycles through different aspect ratio display modes.
- **SCOPE:** Activates built-in waveform or vectorscope displays (if available).
- **1:1:** Displays pixels in a 1:1 mapping.

Maintenance

Cleaning the Monitor

- Always disconnect the power cord before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner to wipe the screen.
- For the monitor casing, use a soft, dry cloth.
- Do not use strong solvents, waxes, or abrasive cleaners as they can damage the finish.

Storage

If storing the monitor for an extended period, ensure it is kept in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging for protection.

Troubleshooting

This section addresses common issues you might encounter. If the problem persists after attempting these solutions, please contact JVC customer support.

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active; Power switch off.	Ensure power cord is securely connected; Check power outlet with another device; Turn the monitor's power switch to ON.
No image on screen	Incorrect input selected; Video cable loose or faulty; Source device not outputting signal.	Select the correct input source; Check video cable connections; Verify source device is powered on and outputting video.
Poor image quality	Incorrect display settings; Low-quality source signal.	Adjust Brightness, Contrast, Chroma, and Phase settings; Ensure source signal quality is adequate.
No audio	Volume too low; Audio muted; Audio cable loose or faulty; Source not sending audio.	Increase volume; Unmute audio; Check audio cable connections; Verify source device is sending audio.

Specifications

Feature	Detail
Product Dimensions	15 x 9.3 x 6 inches
Item Weight	20.8 pounds
ASIN	B007SF5ENI

Feature	Detail
Item model number	DT-V21G11Z
Date First Available	April 7, 2012
Manufacturer	JVC
Standing screen display size	21 Inches
Aspect Ratio	16:9
Resolution	1920 x 1080
Total Usb Ports	2
Brand	JVC
Screen Size	21 Inches
Resolution	FHD 1080p
Screen Surface Description	Glossy

Warranty and Support

JVC provides a limited warranty for this product. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, service, or warranty claims, please contact JVC customer service or visit the official JVC website.

Keep your purchase receipt as proof of purchase for warranty purposes.

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