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PKPOWER MC7571

PKPOWER 65ft BNC Extension Cable Instruction Manual

For Lorex MC7571 CCTV Metal Bullet Security Camera

1. Introduction

Thank you for choosing the PKPOWER 65ft BNC Extension Cable. This manual provides essential information for the proper installation, operation, and maintenance of your extension cable. This cable is designed to extend the reach of your Lorex MC7571 CCTV Metal Bullet Security Camera, ensuring reliable video signal and power transmission. Please read these instructions carefully before use to ensure optimal performance and safety.

2. Product Overview

The PKPOWER 65ft BNC Extension Cable is a combined video and power cable, simplifying the installation of security cameras. It features BNC connectors for video signal and DC power connectors for camera power. The cable is white and designed for both indoor and outdoor use.



Figure 2.1: The PKPOWER 65ft BNC Extension Cable, coiled, showing the BNC and power connectors at one end.



Figure 2.2: Close-up view of the BNC (yellow) and DC power (red) connectors on the extension cable. One end features male BNC and female DC, while the other end features female BNC and male DC.

3. Setup and Installation

Follow these steps to properly connect your PKPOWER BNC Extension Cable to your security camera system.

1. **Prepare Equipment:** Ensure your Lorex MC7571 CCTV camera and DVR/monitor are powered off before making any connections.
2. **Connect to Camera:** Locate the BNC video output and DC power input ports on your security camera. Connect the male BNC connector of the extension cable to the camera's BNC output. Connect the female DC power connector of the extension cable to the camera's DC power input.
3. **Route the Cable:** Carefully route the 65ft extension cable from the camera location to your DVR or monitor location. Avoid sharp bends, kinks, or placing the cable where it can be pinched or damaged. Ensure the cable is secured to prevent tripping hazards or accidental disconnections.
4. **Connect to DVR/Monitor:** At the DVR/monitor end, connect the female BNC connector of the extension cable to

the BNC video input port on your DVR or monitor. Connect the male DC power connector of the extension cable to your camera's power adapter.

5. **Power On:** Once all connections are secure, power on your DVR/monitor and then your security camera. Verify that the video feed is displayed correctly.

4. Operation

The PKPOWER BNC Extension Cable is a passive component designed to transmit video and power signals. Once properly installed, its operation is seamless.

- **Signal Transmission:** The cable facilitates the transmission of analog video signals from your CCTV camera to your recording device or monitor.
- **Power Delivery:** It also carries the necessary DC power from your power adapter to the camera.
- **Continuous Monitoring:** Ensure all connections remain tight and secure for uninterrupted surveillance.

5. Maintenance

Proper maintenance ensures the longevity and reliable performance of your extension cable.

- **Regular Inspection:** Periodically check the cable for any signs of wear, cuts, or damage, especially in outdoor installations where it is exposed to elements.
- **Connection Check:** Ensure all BNC and power connections are tight and free from corrosion. Loose connections can lead to signal loss or poor video quality.
- **Cleaning:** If the connectors become dirty, gently clean them with a dry, lint-free cloth. Avoid using liquid cleaners directly on the connectors.
- **Environmental Protection:** While designed for indoor/outdoor use, protect the cable from extreme temperatures, direct sunlight for prolonged periods, and excessive moisture to maximize its lifespan.
- **Cable Management:** Avoid tangling or coiling the cable too tightly, as this can damage the internal wiring.

6. Troubleshooting

If you encounter issues, refer to the following troubleshooting steps:

- **No Video Signal:**
  - Verify that both ends of the BNC cable are securely connected to the camera and the DVR/monitor.
  - Ensure the camera is receiving power. Check the power connections and the power adapter.
  - Test the camera with a shorter, known-good cable if possible to rule out camera issues.
- **Poor Video Quality (Flickering, Lines, Distortion):**
  - Check all BNC connections for tightness and ensure they are free from corrosion or damage.
  - Ensure the cable is not running parallel to high-voltage power lines or other sources of electromagnetic interference.
  - Inspect the cable for any physical damage (kinks, cuts) that might affect signal integrity.
- **Camera Not Powering On:**
  - Confirm that the DC power connectors are fully inserted at both the camera and power adapter ends.
  - Verify that the power adapter is functioning correctly and plugged into a live outlet.
  - Ensure the power adapter meets the camera's voltage and amperage requirements.

7. Specifications

Feature	Detail
Brand	PKPOWER
Cable Length	65 feet (780 inches)
Connector Type	BNC (Video), DC (Power)
Connector Gender	Male-to-Female (BNC), Male-to-Female (DC)
Color	White
Compatible Devices	Lorex MC7571 CCTV Metal Bullet Security Camera, Monitors
Recommended Uses	Security, Surveillance
Indoor/Outdoor Usage	Indoor, Outdoor
Certifications	CE, FCC, RoHS

8. Warranty and Support

PKPOWER products are manufactured to high standards and undergo rigorous testing. This product is covered by a standard warranty against manufacturing defects.

- **Customer Service:** For any questions, technical support, or warranty claims, please contact PKPOWER customer service. Our friendly and reliable customer service team aims to respond within 24 hours.
- **Return Policy:** Please refer to your purchase platform's return policy for details regarding returns and replacements.

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