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Arebos AR-HE-RK710USB

Arebos Pipe Camera Instruction Manual

Model: AR-HE-RK710USB

Product Overview

The Arebos Pipe Camera is a professional inspection tool designed for examining damage in drainage pipes, ventilation shafts, chimneys, and other hard-to-reach pipe systems. It features a long cable, a high-resolution color monitor, and robust construction for reliable performance in challenging environments.
Key features include:

- **Wide Application Range:** Suitable for professional inspection of various pipe systems.
- **Flexible 30m Cable:** Provides extended reach for comprehensive inspections.
- **7-Inch TFT Color Monitor:** Offers clear and detailed image display with adjustable viewing angles and sunshade.
- **Practical Recording Functions:** Capture photos, record videos, and perform live transmissions, saving data to an SD card (256 GB SD card included).
- **IP68 Waterproof Camera:** Ensures safe operation in wet conditions, housed in a high-quality, lockable aluminum case.



Image: The Arebos Pipe Camera kit, neatly organized within its durable transport case, showcasing the monitor, camera reel, and accessories.

Setup and Assembly

1. Unboxing and Component Identification

Carefully unpack all components from the transport case. Ensure the following items are present:

- 7-inch TFT Color Monitor
- Camera Head with 30m Fiberglass Cable and Reel
- Control Box
- Remote Control
- Power Adapter
- SD Card (pre-installed or separate)
- User Manual
- Transport Case



Image: Overview of the Arebos Pipe Camera components laid out in the open transport case, ready for assembly.

2. Connecting Components

1. Place the monitor securely in its designated slot within the case lid.
2. Connect the cable from the camera reel to the input port on the control box.
3. Connect the monitor cable to the video output port on the control box.
4. Ensure the SD card is properly inserted into the SD card slot on the control box.

3. Powering On

1. Connect the power adapter to the control box and a suitable power outlet.
2. Press the power button on the control box to turn on the system. The monitor should display the camera feed.
3. If operating on battery, ensure the battery is sufficiently charged. The battery indicator on the monitor will show the current charge level.

Operation Guide

1. Monitor Controls

The 7-inch TFT color monitor provides a clear view of the inspection area. It features a sunshade for improved visibility in bright conditions.

- **Brightness/Contrast:** Use the dedicated buttons or menu options to adjust screen brightness and contrast for optimal viewing.
- **Menu Navigation:** Use the directional buttons and OK button on the control box to navigate the on-screen menu for settings adjustments.



Image: Close-up of the 7-inch TFT color monitor with sunshade, displaying a clear view from the camera.

2. Camera Operation and Cable Management

The camera head is attached to a 30-meter fiberglass cable, wound on a reel for easy deployment and retraction.

- **Deployment:** Slowly unreel the cable and guide the camera head into the pipe or conduit. Avoid sudden movements or forcing the camera, especially around bends.
- **Retraction:** Carefully reel the cable back in after inspection. Ensure the cable is wound evenly to prevent tangles or damage.
- **Navigating Bends:** For pipes with multiple bends, gentle rotation and slight pushing/pulling may be required. Do not apply excessive force.



Image: The 30-meter fiberglass cable neatly wound on its reel, with the camera head extended, ready for inspection.

3. Recording and Playback

The system supports capturing photos and recording videos directly to an inserted SD card.

- **Taking Photos:** Press the "Photo" button on the control box or remote control to capture a still image.
- **Recording Video:** Press the "Record" button to start video recording. Press it again to stop.
- **Playback:** Access the "Playback" or "Directory" menu on the monitor to review recorded photos and videos.
- **Data Transfer:** Recorded files can be transferred to a computer by removing the SD card or connecting a USB stick (if supported by the device's firmware, though some users report issues with USB stick recognition).



Image: An SD card and a USB card reader, illustrating the data storage and transfer capabilities of the system.

4. Adjusting Illumination

The camera head is equipped with 12 LEDs to illuminate dark inspection areas.

- **LED Brightness Control:** Use the "LED Bright" knob on the control box to adjust the intensity of the LED lights. Rotate clockwise to increase brightness, counter-clockwise to decrease.
- Adjust the brightness to avoid glare and ensure clear visibility of the inspection area.



Image: Close-up of the robust stainless steel camera head, showing the 12 integrated LED lights for illumination.

5. Multifunctional Control Box

The control box serves as the central hub for all camera functions.

- **Power Button:** Turns the unit on/off.
- **Video/Photo Buttons:** Initiate video recording or capture still images.
- **Menu/Navigation Buttons:** For accessing and navigating system settings.
- **DVR Status Indicator:** Shows recording status.
- **Ports:** Includes ports for camera cable, monitor, power adapter, SD card, and USB.



Image: Detailed view of the multifunctional control box, highlighting its various buttons and ports for video, photo, and audio control.

Maintenance and Care

1. Cleaning

- **Camera Head:** After each use, especially in dirty environments, gently wipe the camera head and lens with a soft, damp cloth. Do not use abrasive cleaners.
- **Cable:** Wipe down the fiberglass cable as it is reeled in to remove any debris or moisture.
- **Monitor and Control Box:** Use a dry, soft cloth to clean the monitor screen and the surface of the control box. Avoid liquid cleaners directly on electronic components.

2. Storage

- Always store the pipe camera system in its original transport case to protect it from dust, moisture, and physical damage.
- Ensure the cable is neatly wound on the reel before closing the case.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

3. Battery Care

The system is powered by a long-lasting Li-ion battery.

- **Charging:** Fully charge the battery before first use and after each prolonged use. Avoid completely draining the battery regularly.
- **Long-term Storage:** If storing the unit for an extended period, charge the battery to approximately 50-60% capacity. Recharge every 3-6 months to prevent deep discharge.
- **Operating Time:** A fully charged battery provides over 420 minutes of operating time.



Image: Graphic representation of a battery charging indicator, emphasizing the long-lasting Li-ion battery with over 420 minutes of runtime.

Troubleshooting

This section addresses common issues you might encounter with your Arebos Pipe Camera.

Problem	Possible Cause	Solution
Monitor does not turn on.	• Power cable not connected. • Battery is drained. • Power button not pressed firmly.	• Ensure power adapter is securely connected and plugged into a working outlet. • Charge the battery for at least 4 hours. • Press and hold the power button for a few seconds.
No image on monitor / Black screen.	• Camera cable not connected properly. • Camera head or cable damaged. • Monitor input selection incorrect (if applicable).	• Check all cable connections between camera, control box, and monitor. • Inspect camera head and cable for visible damage. • Consult the control box manual for monitor input settings.
Cannot record photos/videos.	• SD card not inserted or full. • SD card is corrupted or incompatible. • Recording function not activated.	• Ensure SD card is correctly inserted and has sufficient free space. • Try formatting the SD card (this will erase all data) or use a different compatible SD card. • Press the record button firmly. Check DVR status indicator.
LED lights on camera not working.	• LED brightness knob set to minimum. • Connection issue to camera head.	• Rotate the "LED Bright" knob clockwise to increase brightness. • Check the camera cable connection to the control box.

Technical Specifications

Feature	Specification
Model Number	AR-HE-RK710USB

Feature	Specification
Monitor Size	7-inch TFT Color Display
Cable Length	30 meters
Camera Head Material	Stainless Steel
Camera Illumination	12 adjustable LEDs
Water Resistance	IP68 (Camera Head)
Video Recording Resolution	1080p
Media Type	SD Card (up to 256 GB)
Battery Type	Li-ion
Battery Operating Time	Over 420 minutes
Package Dimensions	49.5 x 47.5 x 21.5 cm
Package Weight	9.5 Kilograms

Warranty and Support

For warranty information, technical support, or service inquiries regarding your Arebos Pipe Camera, please contact the manufacturer directly.
Please refer to the contact details provided in your purchase documentation or visit the official Arebos website for the most up-to-date support information.
When contacting support, please have your model number (AR-HE-RK710USB) and purchase date readily available.

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