CANARE KP-H15F-I

CANARE KP-H15F-I AV Outlet Modern Plate User Manual

Model: KP-H15F-I

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of the CANARE KP-H15F-I AV Outlet Modern Plate. This product is designed to provide a clean and organized connection point for audio-visual signals, specifically converting VGA to BNC connections within a wall-mounted plate system. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. PRODUCT FEATURES

- Designed for AV outlet modern plate systems.

- Equipped with a durable metal frame for secure installation.

- Features a VGA female connector for input.

- Includes BNC female connectors for output, facilitating VGA to BNC signal conversion.

- Ivory color finish to blend with standard wall plates.

3. PACKAGE CONTENTS

Please verify that all items listed below are present in your package. If any items are missing or damaged, please contact your retailer.

- CANARE KP-H15F-I AV Outlet Modern Plate (1 unit)

- Integrated VGA female to BNC female cable assembly (1 unit)

- Metal mounting frame (1 unit)

Note: Product images may show usage examples or additional accessories not included with the standard package. Only items explicitly listed above are part of the product package.

4. SETUP AND INSTALLATION

The CANARE KP-H15F-I is designed for integration into standard wall-mounted AV outlet systems. Professional installation is recommended.

Installation Steps:

1. **Safety First:** Before beginning installation, ensure that power to the installation area is turned off at the circuit breaker to prevent electrical shock.

2. **Prepare the Wall Box:** Ensure you have a standard electrical wall box or low-voltage mounting bracket installed in the desired location.

3. **Connect Cables:**

Figure 4.1: Rear view of the AV outlet plate with BNC cables connected. This image illustrates the five BNC female connectors on the rear of the plate, designed to receive BNC cables from your AV source.

Figure 4.2: Front view of the AV outlet plate with VGA and BNC cables connected. This image shows the VGA female port on the front for connecting a VGA cable, and the BNC cables extending from the rear.

Figure 4.3: Angled front view of the AV outlet plate, highlighting the VGA port and the connected BNC cables. This perspective provides a clearer view of the overall assembly.

Connect the BNC cables from your AV source (e.g., projector, monitor) to the corresponding BNC female connectors on the rear of the KP-H15F-I plate. Ensure a secure connection for each cable. The VGA female port on the front of the plate will connect to your VGA display device.

4. **Mount the Plate:** Carefully push the plate assembly into the wall box, ensuring no cables are pinched. Secure the plate to the wall box using the provided screws through the metal mounting frame.

5. **Attach Faceplate (Optional):** If using a decorative faceplate (not included), attach it over the installed KP-H15F-I

plate.

6. **Restore Power:** Once installation is complete, restore power to the circuit.

5. OPERATION

The CANARE KP-H15F-I AV Outlet Modern Plate is a passive adapter designed to facilitate signal conversion and routing. Once properly installed and connected, its operation is straightforward:

- Connect your VGA source (e.g., computer, laptop) to the VGA female port on the front of the wall plate using a standard VGA cable.

- Ensure that the BNC cables connected to the rear of the plate are properly routed to your BNC-compatible display device (e.g., projector, monitor).

- Power on your source and display devices. The signal should be transmitted through the plate.

No additional configuration or power is required for the plate itself.

6. MAINTENANCE

The CANARE KP-H15F-I AV Outlet Modern Plate requires minimal maintenance to ensure long-term performance.

- **Cleaning:** To clean the surface of the plate, gently wipe with a soft, dry cloth. For stubborn marks, a slightly damp cloth with mild soap can be used, followed by a dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish.

- **Inspections:** Periodically inspect the connections to ensure they remain secure. If the plate is in an area with high traffic or vibration, check for any loosening of the mounting screws.

- **Environmental Conditions:** Avoid exposing the plate to extreme temperatures, high humidity, or direct sunlight, which can degrade materials over time.

7. TROUBLESHOOTING

If you encounter issues with your CANARE KP-H15F-I AV Outlet Modern Plate, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No video signal on display.	Loose cable connections. Incorrect input/output selection on display. Source device not outputting signal. Damaged cables.	Ensure all VGA and BNC cables are securely connected at both ends. Verify the display is set to the correct input source (e.g., VGA, BNC). Check if the source device (computer, media player) is powered on and configured to output video. Test with different cables if possible.
Poor video quality (e.g., blurry, distorted).	Low quality cables. Cable length too long. Signal interference.	Use high-quality, shielded VGA and BNC cables. Ensure cable lengths are within recommended limits for signal type. Keep cables away from power lines or other sources of electromagnetic interference.

Problem	Possible Cause	Solution
Plate feels loose in the wall.	Mounting screws are loose. Wall box not securely installed.	Carefully tighten the mounting screws. Do not overtighten. If the wall box itself is loose, professional assistance may be required to secure it.

8. SPECIFICATIONS

Key technical specifications for the CANARE KP-H15F-I AV Outlet Modern Plate:

Attribute	Detail
Model Number	KP-H15F-I
Product Type	AV Outlet Modern Plate with VGA to BNC Conversion
Connectors	1x VGA Female (front), 5x BNC Female (rear)
Frame Material	Metal
Color	Ivory
ASIN	B08GLGX399
First Available Date	August 27, 2020

9. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Always disconnect power before installing or servicing the plate to avoid electrical shock.
- Do not attempt to modify or disassemble the product. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the product away from water, moisture, and excessive heat.
- Ensure proper ventilation around the installation area.
- This product is intended for indoor use only.

10. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support contact details for the CANARE KP-H15F-I is not provided in the available product data. For warranty claims or technical assistance, please refer to the documentation included with your purchase or contact the retailer or manufacturer directly.