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RATION Several

RATION Ag GPS Cab Cam Camera Cable Instruction Manual

Model: Several

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the RATION 20-foot Ag GPS Cable. This cable is designed to connect Trimble FMX, FM-750, and FM-1000 GPS units with Cab Cam Cameras, ensuring reliable data transmission for agricultural applications, particularly with Case IH equipment.

SETUP INSTRUCTIONS

Follow these steps to properly connect your RATION Ag GPS Cab Cam Camera Cable:

- 1. Identify Components:** Ensure you have the RATION 20-foot cable, your Trimble FMX/FM-750/FM-1000 GPS unit, and your Cab Cam Camera.
- 2. Power Off Equipment:** Before making any connections, ensure all connected devices (GPS unit, camera, and vehicle) are powered off to prevent electrical damage.
- 3. Connect to GPS Unit:** Locate the appropriate port on your Trimble FMX, FM-750, or FM-1000 GPS unit. Connect one end of the RATION cable to this port. Ensure the connection is secure and fully seated.
- 4. Connect to Cab Cam Camera:** Locate the input port on your Cab Cam Camera. Connect the other end of the RATION cable to this port. Verify that the connection is firm.
- 5. Secure Cabling:** Route the 20-foot cable safely within the cab or exterior of the equipment, away from moving parts, heat sources, and pinch points. Use cable ties or clips if necessary to prevent snagging or damage.
- 6. Power On and Test:** Once all connections are secure, power on your equipment. Verify that the Cab Cam Camera is receiving a signal and displaying correctly through the Trimble GPS unit.



Image 1: The RATION 20-foot Ag GPS Cab Cam Camera Cable, coiled. This cable facilitates connection between Trimble GPS units and Cab Cam Cameras.



Image 2: A close-up view of the connectors on the RATION cable, showing the distinct male and female ends for secure attachment to agricultural equipment.

OPERATING INSTRUCTIONS

The RATION Ag GPS Cab Cam Camera Cable is a passive component designed for reliable data and video signal transmission. Once properly installed, its operation is integrated with your Trimble GPS unit and Cab Cam Camera system.

- **Signal Transmission:** The cable transmits video signals from the Cab Cam Camera to the Trimble GPS display, allowing operators to view camera feeds directly on their GPS screen.
- **Continuous Connection:** Ensure the cable remains securely connected during operation to maintain an uninterrupted signal.
- **System Integration:** Refer to your Trimble GPS unit and Cab Cam Camera manuals for specific instructions on how to access and manage camera views and settings within their respective interfaces.

MAINTENANCE

Proper maintenance extends the life of your RATION cable and ensures consistent performance:

- **Regular Inspection:** Periodically inspect the entire length of the cable for any signs of wear, cuts, abrasions, or damage to the outer jacket. Check connectors for corrosion or bent pins.
- **Cleaning:** Keep connectors clean and free of dirt, dust, and moisture. Use a soft, dry cloth to wipe down the cable and connectors. For stubborn dirt, a small amount of isopropyl alcohol on a cloth can be used, ensuring connectors are dry before re-connecting.
- **Storage:** When not in use, coil the cable loosely and store it in a dry, clean environment, away from extreme temperatures and direct sunlight. Avoid sharp bends or kinks.
- **Avoid Stress:** Do not pull on the cable by the wire itself; always grasp the connector when plugging or unplugging. Avoid placing heavy objects on the cable.

TROUBLESHOOTING

If you encounter issues with your RATION Ag GPS Cab Cam Camera Cable, consider the following troubleshooting steps:

| Problem | Possible Cause | Solution |
|-----------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No camera signal on GPS display | Loose or incorrect connection Damaged cable Camera or GPS unit malfunction | Ensure both ends of the cable are securely connected to the GPS unit and camera. Check for bent pins. Inspect the cable for visible damage. Test the camera and GPS unit independently if possible. |
| Intermittent signal or flickering image | Loose connection Cable interference Minor cable damage | Verify all connections are tight. Reroute the cable away from power lines or other sources of electromagnetic interference. Inspect the cable for subtle damage. |
| Poor image quality | Dirty connectors Cable degradation | Clean the connectors thoroughly. If the issue persists, the cable may be degrading and require replacement. |

If these steps do not resolve the issue, please contact customer support for further assistance.

SPECIFICATIONS

- **Product Name:** Ag GPS Cab Cam Camera Cable
- **Brand:** RATION
- **Length:** 20 feet (approximately 6.1 meters)
- **Compatibility:** Trimble FMX, FM-750, FM-1000 GPS units; Cab Cam Cameras; Case IH equipment
- **ASIN:** B0DS997HST
- **Model Number:** Several
- **Manufacturer:** RATION

WARRANTY INFORMATION

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact the seller directly. Warranty coverage typically addresses manufacturing defects under normal use.

CUSTOMER SUPPORT

If you require further assistance, have questions about installation, or need to report a problem, please contact the seller or manufacturer through the platform where the product was purchased. Provide your product model number and ASIN (B0DS997HST) for quicker service.