

## PNI PNI-MS-DF780

# User Manual for PNI MS780 Additional Monitor

Model: PNI-MS-DF780

## 1. PRODUCT OVERVIEW

The PNI MS780 is an additional monitor designed to expand your PNI DF780 video intercom system. It provides an extra viewing point and enhances the overall monitoring capabilities of your existing setup.



Image 1.1: The PNI MS780 additional monitor, showing its 7-inch screen with the current time (23:24, Nov. 26, 2021 Wednesday) and main menu icons for Monitor, Intercom, Visit Record, Gate, and Settings. The monitor has a sleek design with a black screen and a silver frame, featuring five circular touch buttons below the screen.

## 1.1 Package Contents

- PNI MS780 Additional Monitor

## 2. SPECIFICATIONS

Feature	Detail
Product Manufacturer	PNI
Product Code	PNI-MS-DF780
Compatibility	PNI DF780 Video Intercom
Operating Voltage	12-15 V DC
Power Consumption	200 mA
Standby Consumption	30 mA
Screen Size	7 inches
Screen Resolution	1024 x 600 px
Recording Memory	microSD card slot (max. 128 GB)
Image Storage	Up to 100 images
Ringtones	6 tones
Dimensions (LxWxH)	206 x 143 x 24 mm
Mounting Type	Wall Mount
Video Capture Resolution	1080p
Color	Silver
Material	Metal
Viewing Angle	120 Degrees
Wireless Communication Technology	Wi-Fi
Indoor/Outdoor Use	Indoor

## 3. SETUP AND INSTALLATION

The PNI MS780 monitor is designed for quick and easy installation as an additional unit to your existing PNI DF780 video intercom system. Ensure all power is disconnected from the main system before beginning installation.

### 3.1 Wall Mounting

1. **Choose a suitable location:** Select an indoor wall location that is within reach of the necessary power and

communication cables for your PNI DF780 system. Ensure the wall material can support the monitor's weight (385g).

2. **Mark drilling points:** Use the provided mounting bracket (if applicable, or refer to the main DF780 manual for connection points) to mark the drilling locations on the wall.
3. **Drill holes:** Drill holes at the marked points and insert wall anchors if required.
4. **Secure the bracket:** Attach the mounting bracket securely to the wall using screws.
5. **Connect wiring:** Carefully connect the power and communication cables from your PNI DF780 system to the corresponding ports on the back of the MS780 monitor. Refer to the wiring diagram in your main PNI DF780 manual for precise connections.
6. **Mount the monitor:** Carefully slide the MS780 monitor onto the wall mounting bracket, ensuring it clicks securely into place.
7. **Restore power:** Once the monitor is securely mounted and all connections are made, restore power to your PNI DF780 system.

*Note: For detailed wiring diagrams and specific connection instructions, please consult the full user manual for your PNI DF780 video intercom system.*

## 4. OPERATING INSTRUCTIONS

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The PNI MS780 monitor integrates seamlessly with your PNI DF780 system, providing an intuitive interface for monitoring and communication.

### 4.1 Basic Functions

- **Power On/Off:** The monitor powers on automatically when connected to the DF780 system and power is supplied. There is no separate power button on the monitor itself.
- **Screen Display:** The 7-inch screen will display the current time and date when idle.
- **Menu Navigation:** Use the touch buttons located below the screen to navigate through the menu options. The specific functions of these buttons will correspond to the on-screen icons.

### 4.2 Menu Options

The main screen typically presents several icons for quick access to functions:

- **Monitor:** Allows you to view the live feed from the outdoor camera unit connected to your DF780 system.
- **Intercom:** Initiates or answers calls with other indoor monitors or the outdoor unit.
- **Visit Record:** Accesses stored images or video clips of visitors. The monitor can store up to 100 images.
- **Gate:** Controls the opening/closing of an electronic gate or door lock connected to the system.
- **Setting:** Accesses system settings such as date/time, ringtone selection (6 available tones), display adjustments, and memory management.

### 4.3 Memory Card Usage

The monitor supports a microSD card (up to 128 GB) for extended recording and storage of visitor images or video. Insert the microSD card into the designated slot on the monitor. Ensure the card is formatted correctly if prompted by the system.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your PNI MS780 monitor.

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the screen and exterior of the monitor. Do not use abrasive cleaners, solvents, or aerosol sprays, as these can damage the surface.
- **Environment:** Keep the monitor in a dry environment, away from direct sunlight, excessive heat, and moisture.
- **Software Updates:** Periodically check the PNI official website or consult your main DF780 manual for any available firmware updates for your system, which may include updates for the additional monitor.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your PNI MS780 additional monitor.

Problem	Possible Cause	Solution
Monitor screen is blank.	No power supply; Loose cable connection; Main DF780 unit is off.	Check power supply to the DF780 system. Ensure all cables are securely connected to the monitor and the main unit. Verify the main DF780 unit is powered on.
No image from outdoor unit.	Outdoor unit not connected or faulty; Cable issue.	Check the connection between the monitor and the main DF780 unit, and between the main unit and the outdoor camera. Consult the DF780 manual for camera troubleshooting.
Cannot hear audio or speak through intercom.	Volume too low; Microphone/speaker issue; Connection problem.	Adjust the volume settings on the monitor. Check all audio connections. If the issue persists, contact support.
MicroSD card not recognized.	Card not inserted correctly; Incompatible card; Card needs formatting.	Re-insert the microSD card. Ensure it is a compatible type (up to 128 GB). Try formatting the card through the monitor's settings menu (this will erase all data on the card).

If the problem persists after attempting these solutions, please contact PNI customer support or refer to the comprehensive troubleshooting guide in your main PNI DF780 video intercom system manual.

## 7. WARRANTY AND SUPPORT

For warranty information and technical support regarding your PNI MS780 additional monitor, please refer to the documentation included with your original PNI DF780 video intercom system or visit the official PNI website.

**Manufacturer:** ONLINESHOP SRL

**Brand:** PNI

**Product Model:** PNI-MS-DF780

**ASIN:** B0DM9D2LZ2

For the most up-to-date support resources, including FAQs and contact details, please visit the PNI brand store or support page.

[Visit the PNI Store on Amazon](#)