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Avidsen 112300

Avidsen PRIMA Wired Color Video Intercom

Model: 112300 - User Manual

1. PRODUCT OVERVIEW

The Avidsen PRIMA Video Intercom is a wired color video door phone system designed for enhanced home security and convenience. It features a 7-inch color touch screen monitor and an outdoor unit with night vision capabilities. This system allows for dual control of both a main gate and a pedestrian gate, offering comprehensive access management for your property. The product is constructed with sustainability in mind, utilizing 75% recycled plastic for the monitor and 100% recycled aluminum for the outdoor unit.



Figure 1.1: Avidsen PRIMA 7-inch color video intercom monitor.



Figure 1.2: Avidsen PRIMA outdoor unit, showing the camera and call button.

2. INSTALLATION GUIDE

The Avidsen PRIMA video intercom system is designed for simple and quick 2-wire installation, making it suitable for replacing existing intercom systems. The outdoor unit is powered directly by the indoor monitor, eliminating the need for an additional power supply or batteries at the gate.

2.1 Components Included

- 1 x 7-inch Color Monitor
- 1 x Outdoor Unit (Street Plate)
- 1 x Mains Power Supply (17Vdc / 1.5A)

- 1 x Wall Mount Bracket for Monitor
- Fixing Screws
- Quick Start Guide

2.2 Wiring Diagram

Follow the diagram below for correct wiring. Ensure all connections are secure before powering on the system. The system features **Polarity Protect** to safeguard the video intercom from incorrect wiring connections.

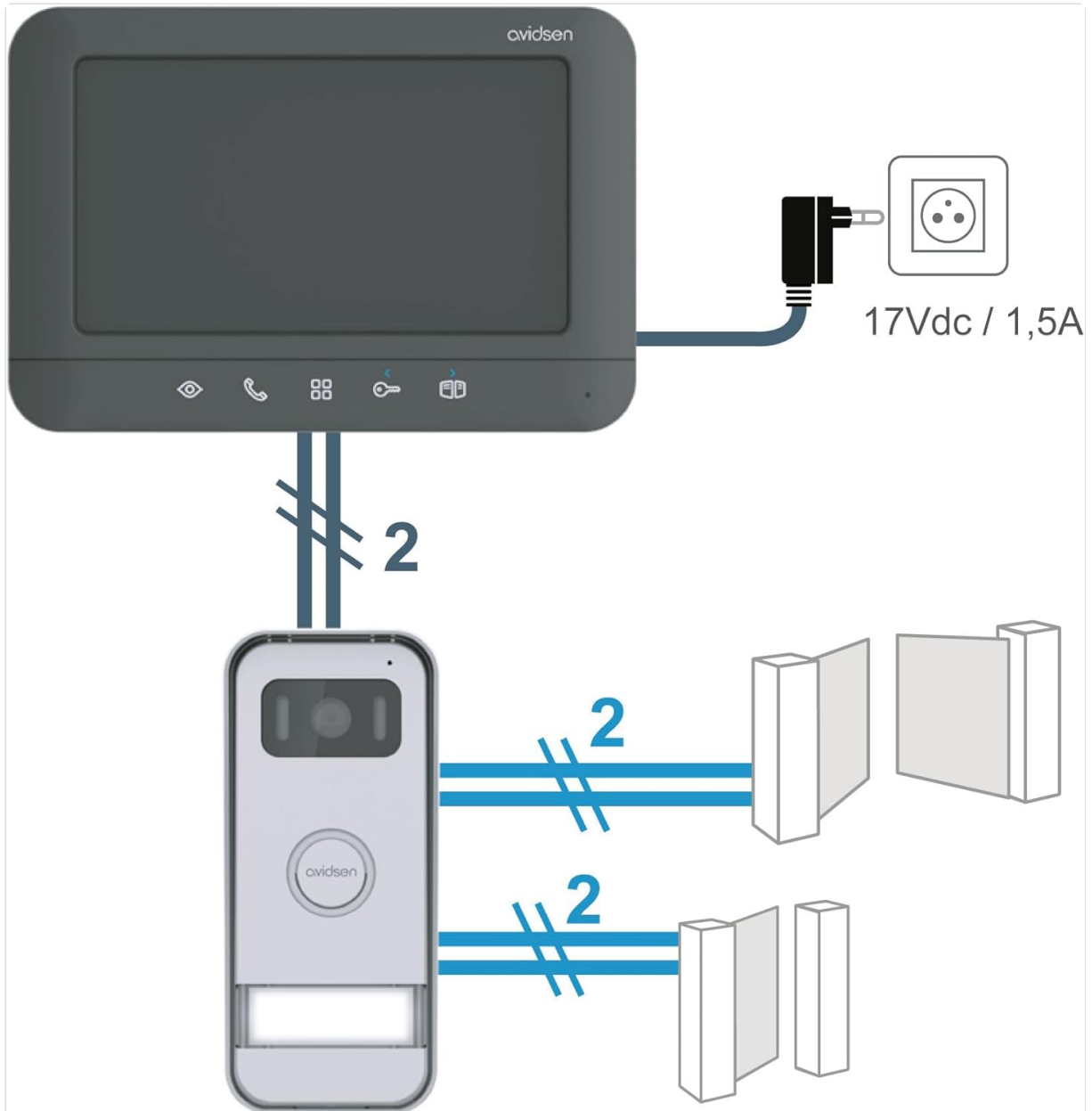


Figure 2.1: Wiring diagram illustrating the 2-wire connection between the monitor and outdoor unit, and the dual control connections for a gate and pedestrian gate.

2.3 Mounting

Mount the indoor monitor using the provided wall bracket and screws. Position the outdoor unit at a suitable height for clear visibility of visitors. Ensure the outdoor unit is protected from direct heavy rain and sunlight for optimal performance and longevity.

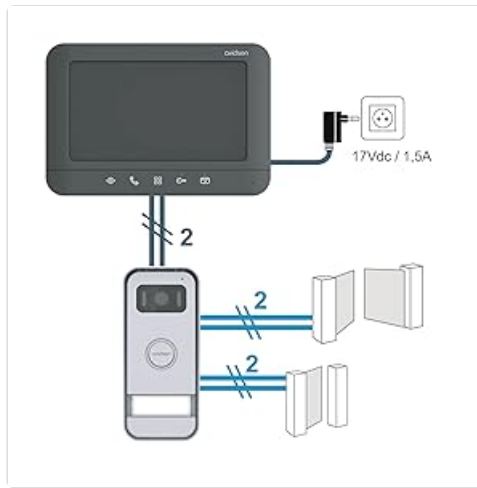


Figure 2.2: Example of outdoor unit installation on a wall.

3. OPERATING INSTRUCTIONS

The Avidsen PRIMA system offers intuitive operation through its 7-inch color touch screen and dedicated function buttons.

3.1 Receiving a Call

When a visitor presses the call button on the outdoor unit, the indoor monitor will ring and display the visitor's image. Touch the screen or press the answer button to communicate with the visitor.



Figure 3.1: The monitor displaying a visitor during an incoming call.

3.2 Gate and Pedestrian Gate Control

During a call or when using the Door Check function, you can open your main gate or pedestrian gate directly from the indoor monitor. Press the corresponding gate control button on the touch screen. This feature is compatible with all brands of gate motorization systems.



Figure 3.2: Using the monitor to control the gate.

3.3 Door Check Function

The **Door Check** function allows you to discreetly view the input from the outdoor unit at any time, even without an incoming call. This is useful for monitoring your entrance area.

3.4 Night Vision

The outdoor unit is equipped with infrared LEDs, providing clear night vision for visitors even in low-light conditions.

3.5 Nameplate Backlight

The outdoor unit features a backlit nameplate, ensuring visibility of your name or house number for visitors at night.



Figure 3.3: The outdoor unit with its backlit nameplate.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Avidsen PRIMA video intercom, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and the outdoor unit. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by drying. Avoid abrasive cleaners or solvents.
- **Outdoor Unit:** Periodically check the outdoor unit for any obstructions to the camera or microphone. Ensure the nameplate is clean and legible.
- **Connections:** While the system is designed for durability, occasionally check the wiring connections for any signs of wear or loosening, especially after extreme weather conditions.
- **Polarity Protect:** The built-in Polarity Protect feature helps prevent damage from incorrect wiring during installation or maintenance.

5. TROUBLESHOOTING

If you encounter issues with your Avidsen PRIMA video intercom, refer to the following common

troubleshooting steps:

- **No Power to Monitor:** Check the power supply connection to the monitor and ensure the power outlet is functional.
- **No Image/Sound from Outdoor Unit:** Verify the 2-wire connection between the monitor and the outdoor unit. Ensure wires are securely connected and not damaged.
- **Gate/Pedestrian Gate Not Opening:** Check the wiring connections from the outdoor unit to your gate motorization system. Ensure your gate motorization is powered and functioning correctly independently.
- **Poor Night Vision:** Ensure the infrared LEDs on the outdoor unit are not obstructed and are clean.
- **Intermittent Operation:** Check all wiring for loose connections or damage. Ensure no electrical interference sources are nearby.

If problems persist after attempting these steps, please contact Avidsen customer support for further assistance.

6. SPECIFICATIONS

Feature	Description
Model Number	112300
Brand	Avidsen
Color	Black (Monitor), Grey (Outdoor Unit)
Material	Monitor: 75% Recycled Plastic; Outdoor Unit: 100% Recycled Aluminum
Monitor Dimensions (L x W)	19.6 cm x 13.3 cm x 1.8 cm (approx.)
Outdoor Unit Dimensions (L x W x D)	15.6 cm x 7.0 cm x 3.9 cm (approx.)
Screen Type	7-inch Color Touch Screen
Wiring	2-wire connection
Power Supply	17Vdc / 1.5A (Mains powered)
Special Features	Dual Gate Control, Night Vision (Infrared LEDs), Door Check Function, Polarity Protect, Backlit Nameplate
Country of Origin	Italy

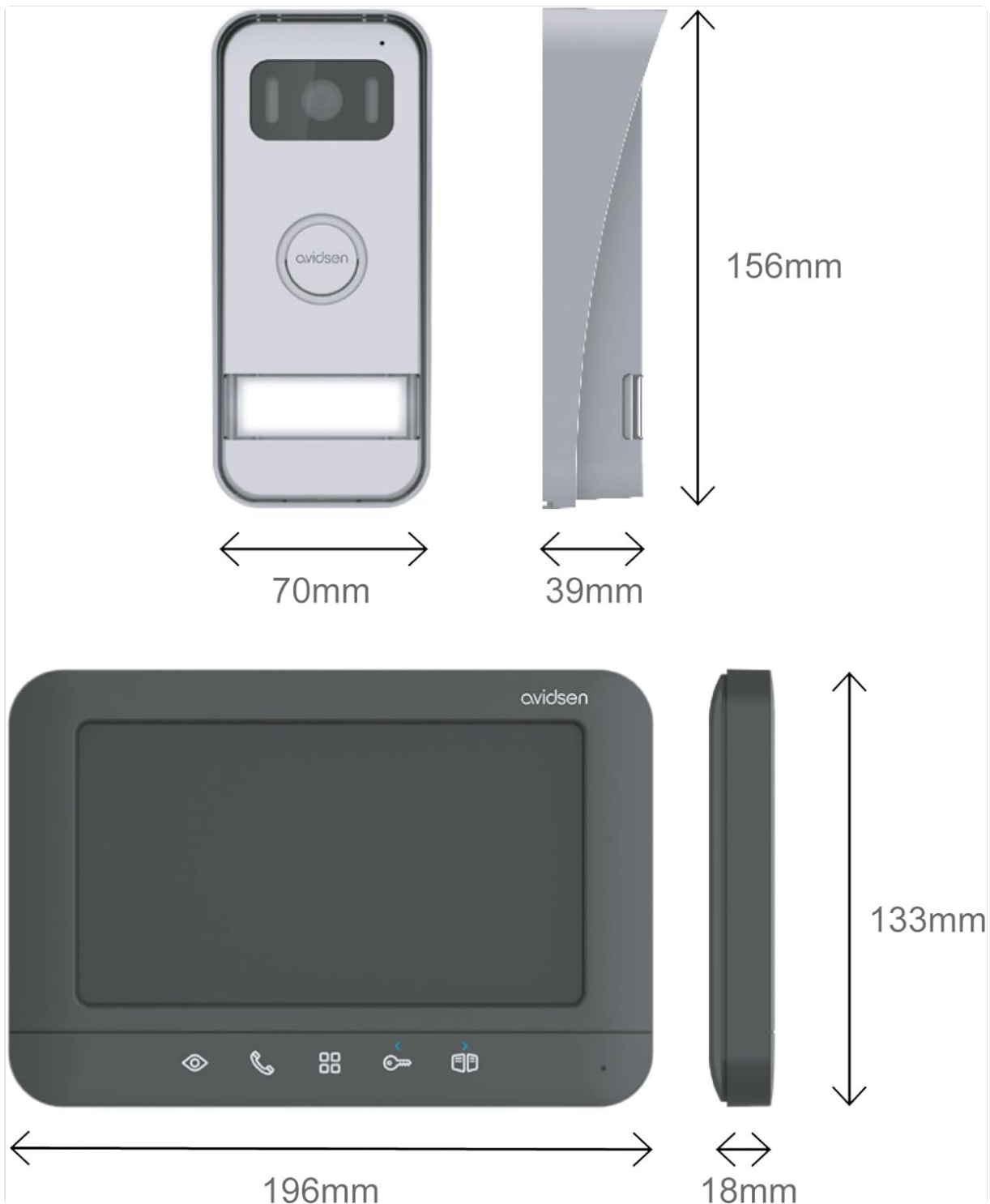


Figure 6.1: Dimensions of the Avidsen PRIMA monitor and outdoor unit.

7. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Avidsen PRIMA video intercom, please refer to the documentation included in your product packaging or visit the official Avidsen website. Keep your proof of purchase for warranty claims.