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Urmet 201082/20

Urmet DOMUS 201082/20 2-Wire Power Supply Instruction Manual

Model: 201082/20 | Brand: Urmet

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Urmet DOMUS 201082/20 2-Wire Power Supply. This unit is designed for use with Urmet 2GO video intercom systems, facilitating power supply and data distribution.

Please read this manual thoroughly before installation and use to ensure safe and efficient operation.

2. SAFETY INFORMATION

WARNING: Electrical installation should only be performed by qualified personnel in accordance with local electrical codes and regulations.

- Always disconnect power before performing any installation, maintenance, or troubleshooting.
- Install the power supply in a dry location, protected from weather influences, moisture, and direct sunlight.
- Ensure proper ventilation around the unit to prevent overheating.
- Do not open the unit casing. There are no user-serviceable parts inside.
- Verify that the supply voltage matches the specifications of the device (230 V AC).

3. PRODUCT OVERVIEW

The Urmet DOMUS 201082/20 is a dedicated power supply unit for the 2GO system. It provides system power and distributes data across multiple terminals.



Figure 1: Urmet DOMUS 201082/20 Power Supply and Packaging.

This image displays the Urmet DOMUS 201082/20 2-wire power supply unit, a grey rectangular device with multiple terminal blocks and a red DIP switch, alongside its blue and white Urmet branded packaging box. The box indicates 'ALIMENTATORE 2 FILI' (2-WIRE POWER SUPPLY) and the model number '201082/20'. The power supply unit itself shows input/output specifications and connection points.

Key Features:

- Power supply for the 2GO system.
- Data distribution on 5 pairs of terminals.
- Supports connection of up to 5 bus lines.
- Provides power to indoor units, video distributors, and outdoor units in video or intercom installations.
- Suitable for DIN rail or wall mounting.

4. INSTALLATION (SETUP)

4.1 Mounting

The power supply unit can be mounted in two ways:

- 1. DIN Rail Mounting: Snap the unit onto a standard DIN rail.
- 2. **Wall Mounting:** Secure the unit to a wall using appropriate screws and plugs (not supplied). Ensure the mounting surface is stable and suitable for the unit's weight.

Always install the unit in a dry, protected environment, away from direct weather exposure.

4.2 Wiring Connections

Refer to the wiring diagram on the unit and the 2GO system documentation for specific connection details. The unit features terminals for:

- Power Input: Connect 230 V AC \pm 10% 50 Hz to the designated input terminals.
- Bus Lines (LINE0-LINE4): Connect up to 5 bus lines for data and power distribution to indoor and outdoor units. The back rails are functionally identical, allowing flexible connections.

• VPE 0-1: Specific connections for video distribution.

Ensure all connections are secure and correctly polarized. Incorrect wiring can damage the unit or connected devices.

4.3 DIP Switch Configuration

The unit includes a DIP switch for configuration. As indicated on the unit, any unused terminals (or corresponding switches) **MUST BE SET TO ON**. Consult the 2GO system installation manual for detailed configuration requirements based on your specific system setup.

5. OPERATION

Once properly installed and configured, the Urmet DOMUS 201082/20 power supply operates automatically. It provides the necessary power and data signals to the connected 2GO system components. No user interaction is typically required during normal operation.

The unit's status indicators (if present, refer to unit markings) provide visual feedback on its operational state.

6. MAINTENANCE

The Urmet DOMUS 201082/20 power supply is designed for maintenance-free operation. To ensure longevity and reliable performance:

- Keep the unit clean and free from dust. Use a soft, dry cloth for cleaning.
- Ensure the installation environment remains dry and within the specified operating temperature and humidity ranges.
- Periodically check all wiring connections for tightness and signs of wear.

Do not use liquid cleaners or solvents on the unit.

7. TROUBLESHOOTING

If the 2GO system or connected components are not functioning correctly, consider the following troubleshooting steps:

• No Power:

- Check the main power supply to the unit.
- Verify all power input connections are secure.

• System Malfunction:

- o Inspect all bus line connections for proper seating and integrity.
- Review the DIP switch configuration against the 2GO system manual to ensure correct settings.
- Ensure all unused DIP switches are set to ON as per the unit's instructions.
- o Consult the specific troubleshooting guide for your 2GO indoor/outdoor units.

If problems persist, contact a qualified technician or Urmet support for assistance.

8. Specifications

Parameter	Value
Model	201082/20
Input Voltage	230 V AC ± 10%
Frequency	50 Hz

Power Consumption	71 VA
Output Line Voltage	28 V DC
Output Current	1 A + 0.8 A (internal)
Operating Temperature	-5 °C to +45 °C
Humidity	95% max at 30 °C
Mounting	DIN rail or Wall mount

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your authorized Urmet dealer. Technical support can be obtained through your installer or by contacting Urmet customer service directly.

Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - 201082/20



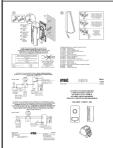
Grothe 2VOICE ALPHA System Quick Start Guide

This document provides a quick start guide for the Grothe 2VOICE ALPHA intercom system, covering general features, cable types, system expansion, configuration of door stations and apartment units, system activation, and voltage checks.



Urmet UNIVERS DS 1122-003C Audio-Kit 2-Wire Installation Guide

Installation and wiring guide for the Urmet UNIVERS DS 1122-003C 2-wire audio kit for single-family homes. Includes wiring diagrams, accessory compatibility, and WEEE directive information.



Urmet 1122 2-Wire Audio Kit Installation and Wiring Guide

Comprehensive guide for installing and wiring the Urmet 1122 2-wire one-family audio kit, including diagrams and technical specifications.



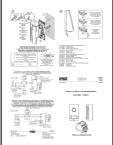
Urmet 1750 2VOICE Video Door Phone: Installation and Function Guide

Detailed guide for the Urmet 1750 2VOICE video door phone, covering component identification, installation steps, button functions, LED indicators, technical specifications, and factory reset procedures.



Urmet Domus Device Interchangeability Instructions

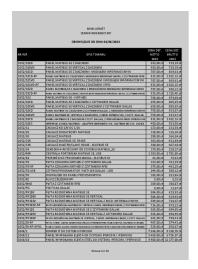
This document provides instructions for the interchangeability of Urmet Domus devices, detailing replacement models and their corresponding wiring diagrams and specifications. It covers power supplies, audio stations, external posts, and relay boxes for intercom and video intercom systems.



Urmet Audio-Kit 2-Wire Installation Manual

Installation guide for the Urmet Audio-Kit 2-Wire system (Model 1122), providing wiring diagrams, component details, and usage instructions for single-family homes.

Documents - Urmet - 201082/20



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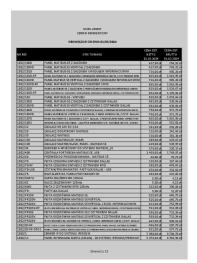
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