

Comelit 1533

Comelit Intercom System Power Supply Model 1533 User Manual

For Intercom and Video Intercom Systems

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of the Comelit Intercom System Power Supply, Model 1533. This unit is designed to provide power to Comelit intercom and video intercom systems. Please read this manual thoroughly before installation and operation.

1.1. Safety Information

- **Electrical Hazard:** Installation and maintenance must be performed by qualified personnel only. Disconnect power before performing any work on the unit or connected system.
- **Voltage:** Ensure the mains voltage matches the specifications of the power supply (230V~ 50-60Hz).
- **Environment:** Do not expose the unit to moisture, extreme temperatures, or direct sunlight. Install in a well-ventilated area.
- **Modifications:** Do not attempt to modify or repair the unit. Refer all servicing to authorized Comelit service centers.

2. SETUP AND INSTALLATION

The Comelit 1533 power supply is an integral component of your intercom or video intercom system. Proper installation is crucial for system functionality and safety.



Figure 1: Comelit Model 1533 Power Supply Unit and accompanying documentation. The unit is clearly labeled with "ART. 1533".

2.1. Mounting

- Mount the power supply unit in a secure, dry, and easily accessible location, typically within an electrical enclosure or distribution board.
- Ensure adequate ventilation around the unit to prevent overheating.

2.2. Wiring

Refer to the specific wiring diagrams provided with your Comelit intercom or video intercom system, as well as the [MT/41 Technical Manual](#) for detailed connection instructions. The power supply provides 12V~ output for the system components.



Figure 2: Manual cover indicating reference to the MT/41 Technical Manual for detailed system information.

- Connect the mains power supply (230V~ 50-60Hz) to the designated input terminals on the unit. Ensure proper grounding.
- Connect the system components (e.g., outdoor station, indoor monitors) to the 12V~ output terminals as per your system's wiring diagram.
- Double-check all connections before applying power.

3. OPERATING INSTRUCTIONS

The Comelit 1533 power supply operates automatically once correctly installed and powered. Its primary function is to convert mains voltage to the required low voltage for your intercom system.

- Upon applying mains power, the unit will provide continuous 12V~ power to the connected intercom or video intercom system.
- There are no user-adjustable controls on the power supply unit itself.
- System operation (e.g., answering calls, opening doors) is controlled by the connected intercom devices, not the power supply.

4. MAINTENANCE AND CARE

The Comelit 1533 power supply is designed for long-term, reliable operation with minimal maintenance.

- **Cleaning:** Ensure the unit is disconnected from mains power before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically inspect the unit and its connections for any signs of damage, loose wiring, or overheating. If any issues are observed, disconnect power and contact a qualified technician.
- **No User-Serviceable Parts:** The unit contains no user-serviceable parts. Opening the casing will void the warranty and may expose you to dangerous voltages.

5. TROUBLESHOOTING

If your intercom or video intercom system is not functioning correctly, the power supply may be a contributing factor. Perform the following basic checks:

Problem	Possible Cause	Solution
No power to intercom system	<ul style="list-style-type: none">◦ Mains power disconnected◦ Blown fuse/tripped circuit breaker◦ Loose wiring connection◦ Faulty power supply unit	<ul style="list-style-type: none">◦ Check mains power supply.◦ Check and reset circuit breaker or replace fuse (if applicable and safe to do so).◦ Verify all wiring connections are secure (<i>only by qualified personnel</i>).◦ If all else fails, the unit may be faulty. Contact Comelit support.
Intermittent system operation	<ul style="list-style-type: none">◦ Loose wiring connection◦ Overheating◦ Faulty power supply unit	<ul style="list-style-type: none">◦ Verify all wiring connections are secure (<i>only by qualified personnel</i>).◦ Ensure adequate ventilation around the unit.◦ Contact Comelit support.

For complex issues or if the problem persists, consult the comprehensive technical manual for your specific intercom system or contact Comelit technical support.

6. SPECIFICATIONS

Brand:	Comelit
Model Number:	1533
Product Type:	Intercom System Power Supply
Input Voltage:	230V~ 50-60Hz
Input Power:	20VA
Output Voltage:	12V~
Output Current:	1.1A
ASIN:	B01MZGL9IX
Manufacturer:	Comelit
First Available Date:	February 3, 2017

7. WARRANTY AND SUPPORT

Comelit products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation included with your complete intercom system or visit the official Comelit website.

For technical assistance, troubleshooting beyond this manual, or to inquire about repairs, please contact Comelit customer support or an authorized service partner in your region. Contact information can typically be found on the Comelit official website or in your system's main documentation.