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Panasonic KX-TDA0104

Panasonic KX-TDA0104 (PSLP1433) Power Supply Unit User Manual

Model: KX-TDA0104 | Brand: Panasonic

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Panasonic KX-TDA0104 (PSLP1433) Power Supply Unit. This unit is designed to provide power to compatible Panasonic PBX systems.
The KX-TDA0104 is a medium plug-in system power supply. It is crucial for the functionality of the compatible telephone systems, as these systems will not operate without a power supply.

Product Overview

The Panasonic KX-TDA0104 (PSLP1433) is an M-Type power supply unit. It is compatible with the following Panasonic PBX systems:

- KX-TDA100
- KX-TDA200
- KX-TDA600
- KX-TDE100
- KX-TDE200
- KX-TDE600

This unit is intended for use in the main cabinet of KX-TDA/TDE100/200 systems and in both main and expansion cabinets (KX-TDE620 or KX-TDA620) of KX-TDA/TDE600 systems.



Figure 1: Product label for the Panasonic KX-TDA0104 (PSLP1433) Power Supply Unit. This label displays input/output specifications, model number, and various certifications. The serial number for this specific unit is KX-TDA0104XJ.

Setup and Installation

1. **Safety First:** Ensure the PBX system is powered off and disconnected from the main power source before beginning installation.
2. **Locate Slot:** Identify the designated power supply slot within the main cabinet of your Panasonic PBX system (or expansion cabinet for KX-TDA/TDE600).
3. **Insert Unit:** Carefully slide the KX-TDA0104 power supply unit into the designated slot. Ensure the M-Type connector aligns correctly with the system's backplane.
4. **Secure Unit:** Once fully inserted, secure the unit using any provided locking mechanisms or screws.
5. **Connect Power:** After the unit is securely installed, connect the system's power cable to a suitable AC power outlet.
6. **System Requirements:** For KX-TDA/TDE600 systems expanding to additional cabinets, ensure that a BUS-M and BUS-ME are also installed.



Figure 2: Side view of the power supply unit, highlighting the M-Type connector for system integration.

Operating Instructions

The KX-TDA0104 power supply unit operates automatically once installed and the PBX system is powered on. It provides the necessary electrical power to all components of the compatible Panasonic PBX system.

- **Power On:** After installation, connect the PBX system to an AC power source. The power supply will automatically begin providing power.
- **System Status:** Refer to your specific Panasonic PBX system's manual for indicators of proper power supply operation (e.g., LED indicators on the main unit).
- **Power Cycling:** To power cycle the system, first disconnect the main power cable from the AC outlet, wait for 30 seconds, then reconnect.

Maintenance

The Panasonic KX-TDA0104 power supply unit is designed for reliable operation with minimal maintenance. However, periodic checks can help ensure longevity and performance.

- **Dust Removal:** Periodically inspect the PBX cabinet and the power supply unit for dust accumulation. Use compressed air to gently remove dust from vents and surfaces to ensure proper air cooling.
- **Connection Check:** Ensure all connections, especially the M-Type connector to the backplane, remain secure.

- **Environmental Conditions:** Operate the PBX system and power supply in a clean, dry environment within recommended temperature ranges to prevent overheating or moisture damage.

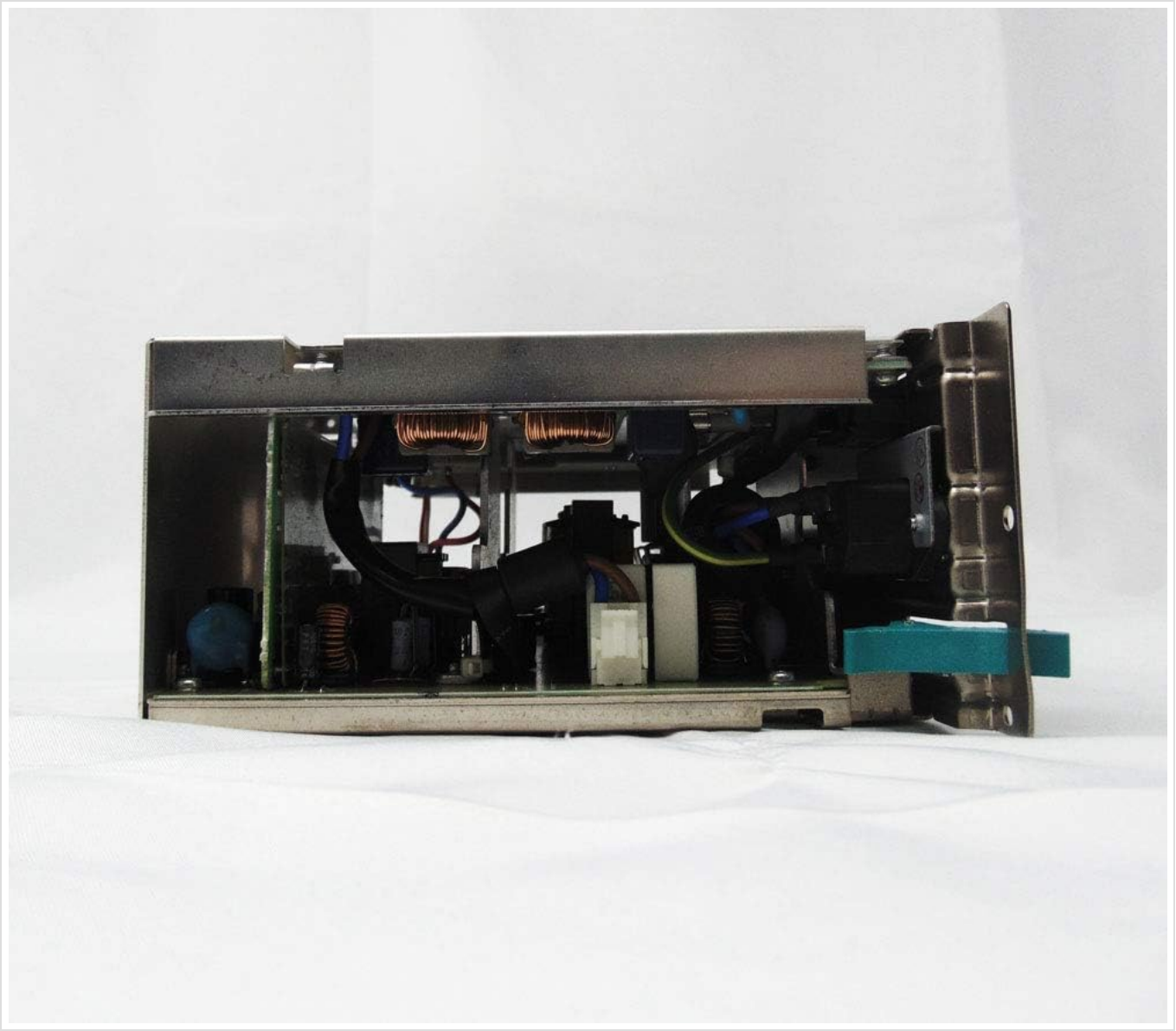

Figure 3: Internal components of the power supply unit, showing the design for air cooling.

Troubleshooting

Problem	Possible Cause	Solution
PBX system does not power on.	Power supply not properly seated; no AC power; faulty power supply.	Ensure power supply is fully inserted. Check AC power connection and outlet. If issues persist, the power supply may require replacement.
Intermittent system operation.	Loose connection; insufficient power due to component failure.	Verify all connections are secure. Consult a qualified technician for further diagnosis if the problem continues.
System error indicators related to power.	Power supply malfunction; system overload.	Refer to your specific PBX system's error codes. Ensure the power supply is compatible and correctly installed.

Specifications

Feature	Detail
Model Name	KX-TDA0104 (PSLP1433)
Compatible Devices	Panasonic KX-TDA100, KX-TDA200, KX-TDA600, KX-TDE100, KX-TDE200, KX-TDE600 Phone Systems
Connector Type	M-Type
Power Supply Design	External (Plug-in System)
Cooling Method	Air
Input Voltage (AC)	100-130V / 200-240V~ (Min: 120V, Max: 240V)
Input Current	2.5A / 1.4A
Frequency	50/60Hz
Output Voltage/Current	+40V===2.4A, +15V===3.2A, +30V===0.73A, +15VPT===3.84A, +40V===0.4A (BATTERY)
Total Power Output	140.4W / 156W

Warranty and Support

This product is offered as an Amazon Renewed item. Amazon Renewed products are professionally inspected and tested to work and look like new. They are eligible for replacement or refund under the Amazon Renewed Guarantee if you are not satisfied with your purchase.
For technical support or further inquiries regarding the Panasonic KX-TDA0104, please refer to the documentation provided with your specific Panasonic PBX system or contact Panasonic customer support directly. For issues related to the renewed condition or purchase, please contact Amazon Renewed customer service.

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