

Basic Enclosure and Power Supply

MANUAL PART NUMBER: 400-0169-001

**VM2218PS**

**V-MATRIX™ POWER SUPPLY**

**USER'S GUIDE**

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This manual covers:

VM2218PS - Power Supply

## PRECAUTIONS / SAFETY WARNINGS 1

Please read this manual carefully before using your **VM2218PS** Power Supply. Keep this manual handy for future reference. These safety instructions are to ensure the long life of your **VM2218PS** Power Supply and to prevent fire and shock hazard. Please read them carefully and heed all warnings.

### 1.1 GENERAL

- Qualified ALTINEX service personnel, or their authorized representatives must perform all service.

### 1.2 INSTALLATION

- To prevent fire or shock, do not expose this unit to rain or moisture. Do not place the **VM2218PS** in direct sunlight, near heaters or heat radiating appliances, or near any liquid. Exposure to direct sunlight, smoke, or steam can harm internal components.
- Handle your **VM2218PS** carefully. Dropping or jarring can damage the unit. If the **VM2218PS** is not used for an extended period, disconnect the power cord from the power outlet or turn off the main connection.

### 1.3 CLEANING

- Unplug the **VM2218PS** power cord before cleaning.
- Clean surfaces with a dry cloth. Never use strong detergents or solvents such as, alcohol or thinner. Do not use a wet cloth or water to clean the unit.

### 1.4 FCC NOTICE

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide

reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- Any changes or modifications to the unit not expressly approved by ALTINEX, Inc. could void the user's authority to operate the equipment.

## ABOUT YOUR VM2218PS 2

The **VM2218PS** is a dual AC power supply designed for V-Matrix™...the world's first Versatile Matrix System by ALTINEX.

The **VM2218PS** Power Supply is covered by a filter when the front panel is in place. It is completely removable and swappable.

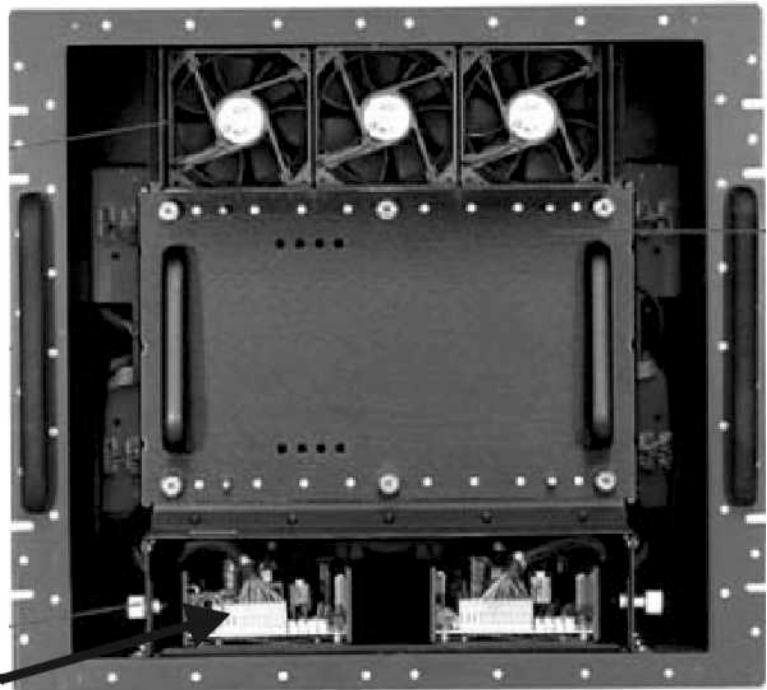
The **VM2218PS** may be installed into the **VM2210BE** using ALTINEX hardware.

## TECHNICAL SPECIFICATIONS 3

FEATURES/ DESCRIPTION	VM2218PS
Power	90-265V AC
Power Consumption	300 watts max.
Convenience AC Outlets	3 (Edison Connectors)
Convenience AC Power	10Amp max

Table 1. **VM2218PS**

## FRONT PANEL (SHOWN WITH COVER REMOVED)



Dual power supply is easily replaceable (covered by filter when front panel is in place).

## INSTALLING YOUR VM2218PS 5

- Step 1.** Place the **VM2218PS** inside the enclosure.
- Step 2.** Attach the **VM2218PS** to the enclosure using the provided screws to secure it into place.
- Step 3.** Connect either of the power entry connectors of the **VM2218PS** to the power outlet with the provided power cord. The power supply will work with voltages between 90V-265V.
- Step 4.** To remove the **VM2218PS** from the enclosure unfasten the screws attached the power supply.

## OPERATION 6

The **VM2218PS** Power Supply will operate successfully as long as the unit is installed properly and other technical specifications are followed.

## TROUBLESHOOTING GUIDE 7

We have carefully tested and have found no problems in the supplied **VM2218PS**; however, we would like to offer suggestions for the following:

- First, make sure that power is connected to the power-input connectors and input power is within the range of 90-265 VAC.
- Make sure that the **VM2218PS** is properly attached to the enclosure.
- If there is problem with the unit please call ALTINEX at (714) 990-2300.

**ALTINEX POLICY****8****8.1 LIMITED WARRANTY**

ALTINEX warrants that its products and cables are free from defects in materials under normal use and service. This warranty is limited to repairing at company's factory any part or parts of the product, which upon company's examination shall disclose to be, thus defective. Products considered defective should be returned to company with transportation charges pre-paid within 2 years (90 days for cables) from date of shipment to the purchaser. The warranty is expressly instead of all other warranties expressed or implied. ALTINEX neither assumes nor authorizes any other person to assume for it any other liability in connection with the sale of the products. This warranty shall not apply to any product that shall have been repaired or altered outside of company's factory in any way so as, in its judgment, to affect its stability or reliability, or that has been subject to misuse, negligence, or accident.

**8.2 RETURN POLICY**

It is very important to ALTINEX that you receive the products that you have ordered and that this product meets your expectations. In the unlikely event, that an ALTINEX product needs to be returned please follow the policy below:

ALTINEX will accept product returns for a period of 30 days from authorized ALTINEX dealers. Products must be returned in an unopened package.

If a product has been opened, the restocking fees will apply. For the restocking fee amount, please contact an ALTINEX Sales Representative.

If the product is in your possession for more than 30 days, the restocking fees will apply.

ALTINEX will not accept any returns on cables or custom products.

If your product is in warranty and needs service, contact the ALTINEX Sales Department for an RMA (Return Material Authorization). Products

returned without an RMA number may experience a delay in service.

If your product is out of warranty and needs service, contact the ALTINEX Sales Department for an RMA (Return Material Authorization). Products returned without an RMA number may experience a delay in service. The service charges will be quoted to you before the actual repairs are done.

**8.3 CONTACT INFORMATION****ALTINEX, INC.**

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