

# **INSTALLATION GUIDE**

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**HVS-49PSM**

Redundant Power Supply Unit for MU

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1<sup>st</sup> Edition

## Upon Receipt

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HVS-49PSM units and their accessories are fully inspected and adjusted prior to shipment. This manual is intended to help the user easily operate this product and make full use of its functions during operation. Before connecting or operating your unit, read this operation manual thoroughly to ensure you understand the product. Afterwards, store this manual in a safe place for future reference.

Check your received items against the packing list below.

### ◆ Packing List

ITEM	QTY	REMARKS
HVS-49PSM	1	Power supply unit for HVS-490
Power cord	1 set	(AC cord with retaining clip)
Installation guide	1	(This manual)

## Check

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Check to ensure no damage has occurred during shipment. If damage has occurred, or items are missing, inform your supplier immediately.

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# 1. Prior to Starting

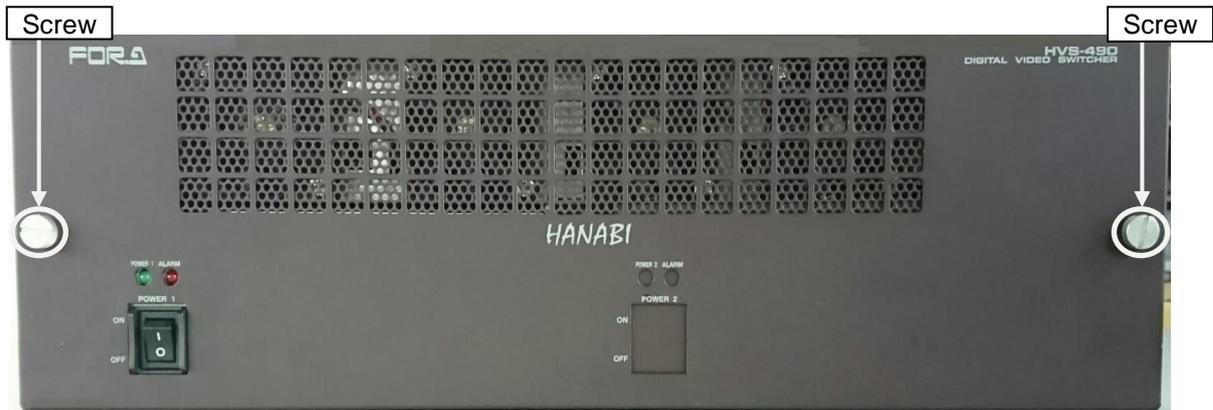
The HVS-49PSM power supply unit is specifically designed for the HVS-490. A standard HVS-490 comes with a single power supply unit installed into one of its two power slots. The optional HVS-49PSM power supply unit allows you to operate the unit continuously, even if one power supply unit fails.

 <p><b>CAUTION</b></p>	<p>Installing this option, which requires accessing the unit interior by opening the panel, should only be done by qualified technical personnel. Power should be turned OFF and all power cords disconnected from the unit before performing this installation.</p>
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## 2. Installing the HVS-49PSM

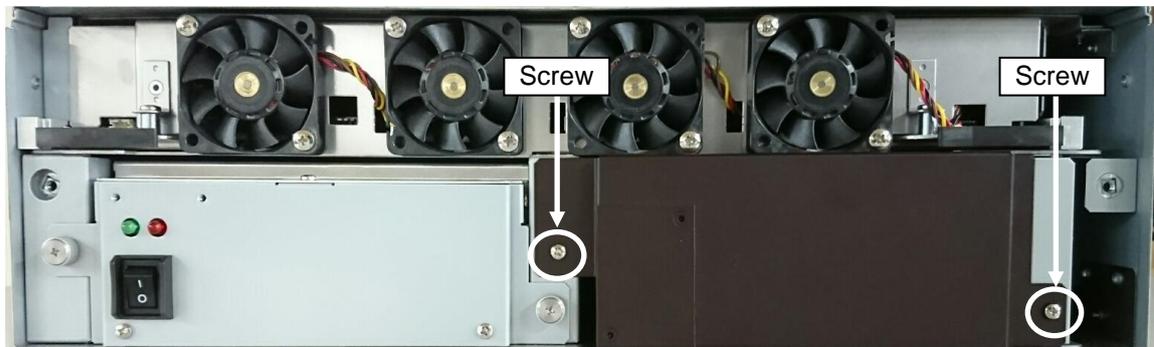
### 2-1. Removing the Front Panel

Loosen the two screws on the front panel as shown below, then remove the panel.



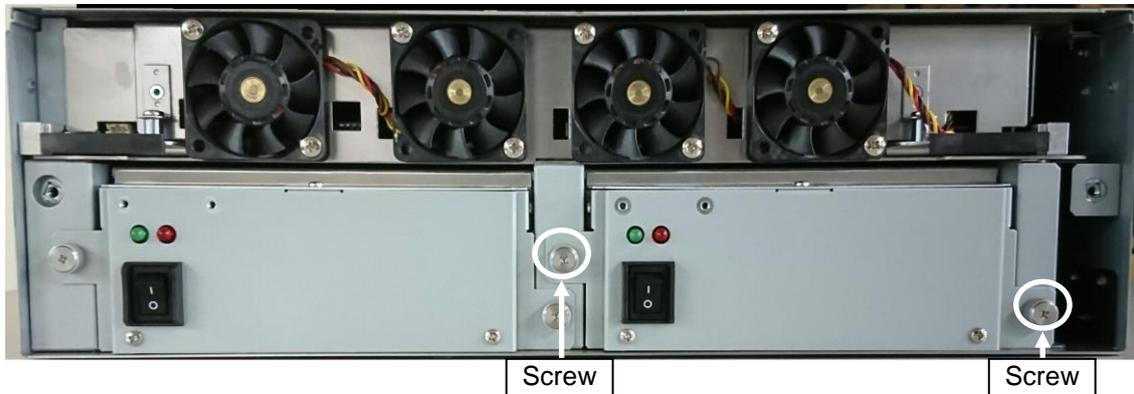
### 2-2. Removing the Power Supply Slot Blank Panel

Remove the two screws securing the blank panel covering the power slot at the front of the unit then remove the blank panel.



## 2-3. Installing the Redundant Power Supply Unit

- 1) Unpack the redundant power supply unit from its packing.
- 2) Align and carefully insert the power supply unit into the slot.
- 3) Make sure the unit is inserted completely and properly, then tighten the screws on both sides as shown below.

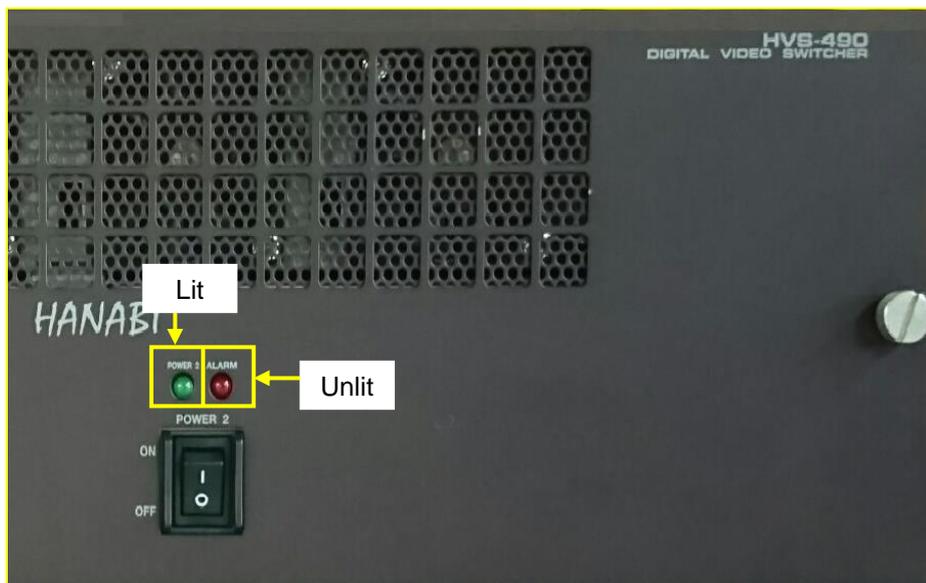


## 2-4. Reinstalling the Front Panel

- 1) Return the front panel onto the front of the unit, then tighten the two screws from Section 2-1. Removing the Front Panel above.
- 2) Connect the AC cords, then turn both of the power supply switches on.
- 3) Verify that the power indicator POWER2 LED is lit green while ALARM LED is unlit.

### IMPORTANT

Contact your sales representative if the ALARM LED is lit red, which indicates an alarm in the power supply unit or cooling fan.



## 3. Replacing Power Supply Units

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### 3-1. Removing the Front Panel

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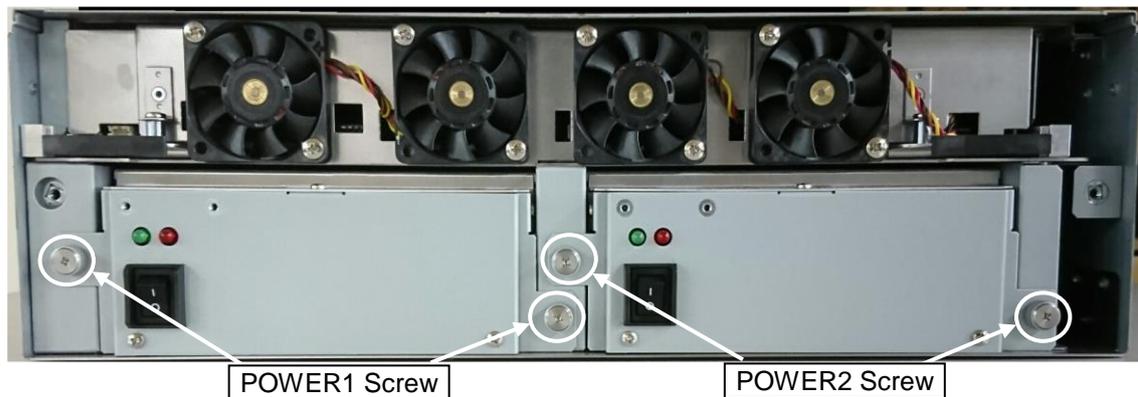
Loosen the two screws on the front panel as shown below, then remove the panel.



### 3-2. Removing a Power Supply Unit

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- 1) Loosen the two screws securing the power unit (with problem) as shown below.
- 2) Grasp gently pull the broken power supply unit, grasping the screws, straight out, until it is completely removed from the unit.



### 3-3. Installing a Replacement Power Supply Unit

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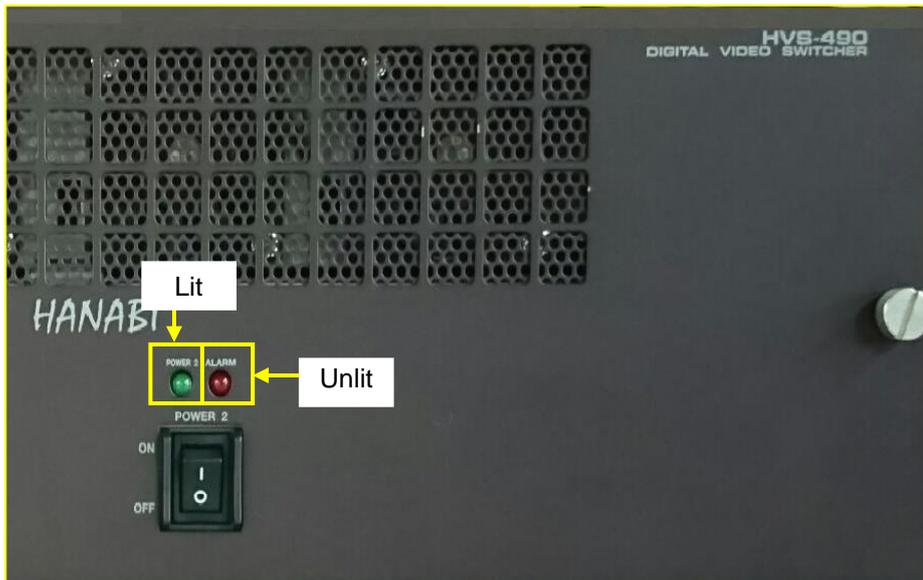
- 1) Unpack the replacement power supply unit from its packing.
- 2) Align and carefully insert the power supply unit into its slot.
- 3) Make sure the unit is inserted completely and properly, then tighten the screws on both sides.

### 3-4. Reinstalling the Front Panel

- 1) Replace the front panel onto the front of the unit, then tighten the screws from Section 3-1, above.
- 2) Connect the AC cords, then turn both of the power supply switches on.
- 3) Verify that the power indicator POWER LED is lit green while ALARM LED is unlit.

#### IMPORTANT

Contact your sales representative if ALARM LED is lit red, which indicates an alarm in the power supply unit or cooling fan.





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