



# Broadcast Products Technical Bulletin 20-2002-166

DATE: **July 15, 2002**

SUBJECT: **STATUS INDICATOR BLINKS RED;  
POWER SUPPLY SHUTS DOWN**

MODEL: **PFV-HD300  
PFV-HD300A  
PFV-HD50A**

SERIAL NO: **ALL**

## DESCRIPTION

If internal temperature exceeds the allowable range, the status indicator blinks red. If the temperature continues to rise, the protection circuit in the power supply activates and shuts down the power supply.

To prevent internal temperature from rising, remove dust from the filter and/or shield assemblies as described in the following modification procedure.

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**NOTE:** The status indicator may blink red for reasons other than high internal temperature. If the status indicator continues to blink red after cleaning the filter and shield assemblies, refer to:

- *PFV-HD50A* Maintenance Manual, section 1-4, "Status Indications."
- *PFV-HD300/A* Maintenance Manual, section 1-3, "Error Message."

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## MODIFICATION PROCEDURE

**WARNING:** Turn off the unit and unplug the power cord from the outlet before cleaning the shield assemblies. Turning off power is not enough to prevent electric shock.

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### PFV-HD50A

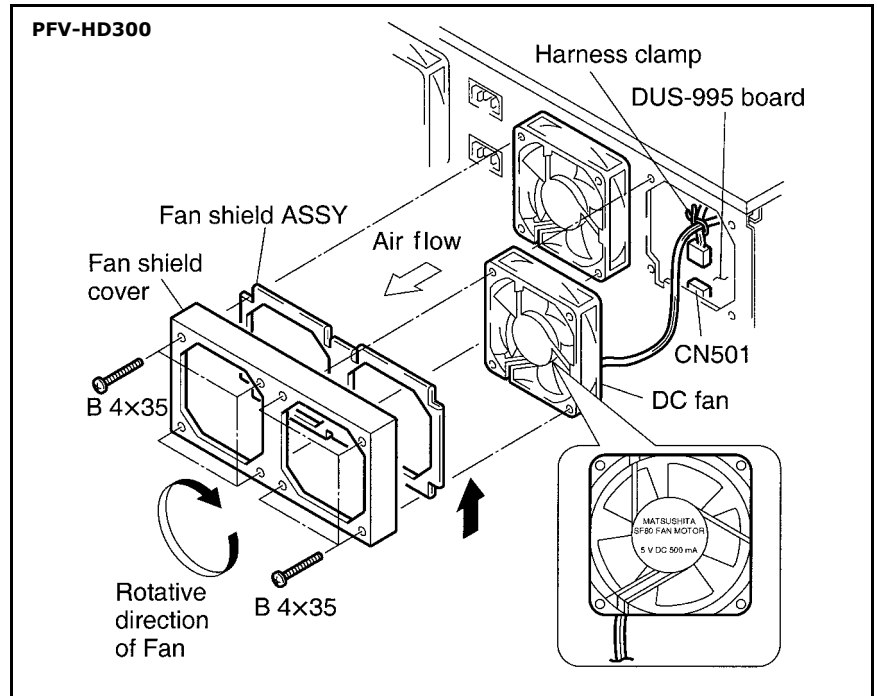
Clean dust from the front shield assembly and the fan shield assembly as described in *PFV-HD50A Maintenance Manual*, section 1-10, "Shield Assembly Cleaning."

### PFV-HD300A

1. Clean dust from the filters attached to the front panel as described in *PFV-HD300A Maintenance Manual*, section 1-7, "Filter Cleaning."
2. Clean dust from the fan shield assembly mounted on the rear block as described in *PFV-HD300A Maintenance Manual*, section 1-8, "Fan Shield Assy Cleaning."

## PFV-HD300

1. Clean dust from the filters attached to the front panel as described in *PFV-HD300 Maintenance Manual*, section 1-7, "Filter Cleaning."
2. Clean dust from the fan shield assembly mounted on the rear block as follows:
  - a. Remove the fan shield cover and the fan shield assembly by removing eight screws. (See Figure 1.)
  - b. Remove dust from the filter using a vacuum cleaner.
  - c. Reinstall the fan shield cover and the fan shield assembly.



**Figure 1**