

# FAN-16DN, FAN-34FD Fan Array Installation

**FAN-16DN** is a fan array for the **VS-1616DN** and **VS-1616DN-MD** Matrix Switchers. **FAN-34FD** is a fan array for the **VS-34FD** Matrix Switcher. It is necessary to power down the chassis in order to replace a fan array. **VS-1616DN** is shown as an example, **VS-1616DN-MD** and **VS-34FD** follow the same principle.

To replace a fan array:



All normal static discharge precaution measures must be observed to prevent damage to the equipment.

1. Remove the new fan array from its shipping box and anti-static bag. Reserve the original packaging including the anti-static bag for future use.
2. Power down the chassis.

**Note:** Each power supply has a separate AC power connection with a dedicated power switch. Verify that you toggle the appropriate power switch(es).

3. Release the 14 front panel captive locking screws and pull down the front panel.

**Note:** Take care not to unscrew the captive locking screws from the chassis.

4. Disconnect the four fan array power connectors and release the two fan array thumbscrews on the fan array to be replaced.
5. Raise the fan array to release it from the chassis guide pins and pull out the fan array.

6. Align the new fan array with the chassis guide pins and lower the fan array to lock it into position.

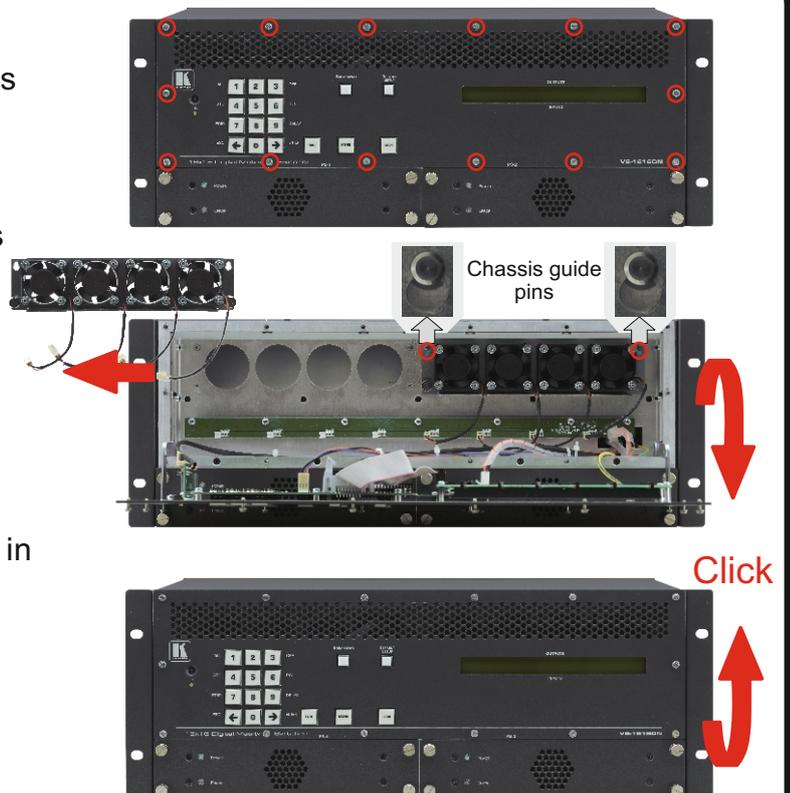
7. Tighten the two fan array thumbscrews and connect the four fan array power connectors.

8. Raise the front panel into position and verify that the 14 front panel captive locking screws are retracted.

9. Push down on the front panel until it is in place and an audible 'click' is heard.

10. Tighten the 14 front panel captive locking screws.

11. Power on the chassis.



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Rev: 2

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