

Kalypso and Zodiak

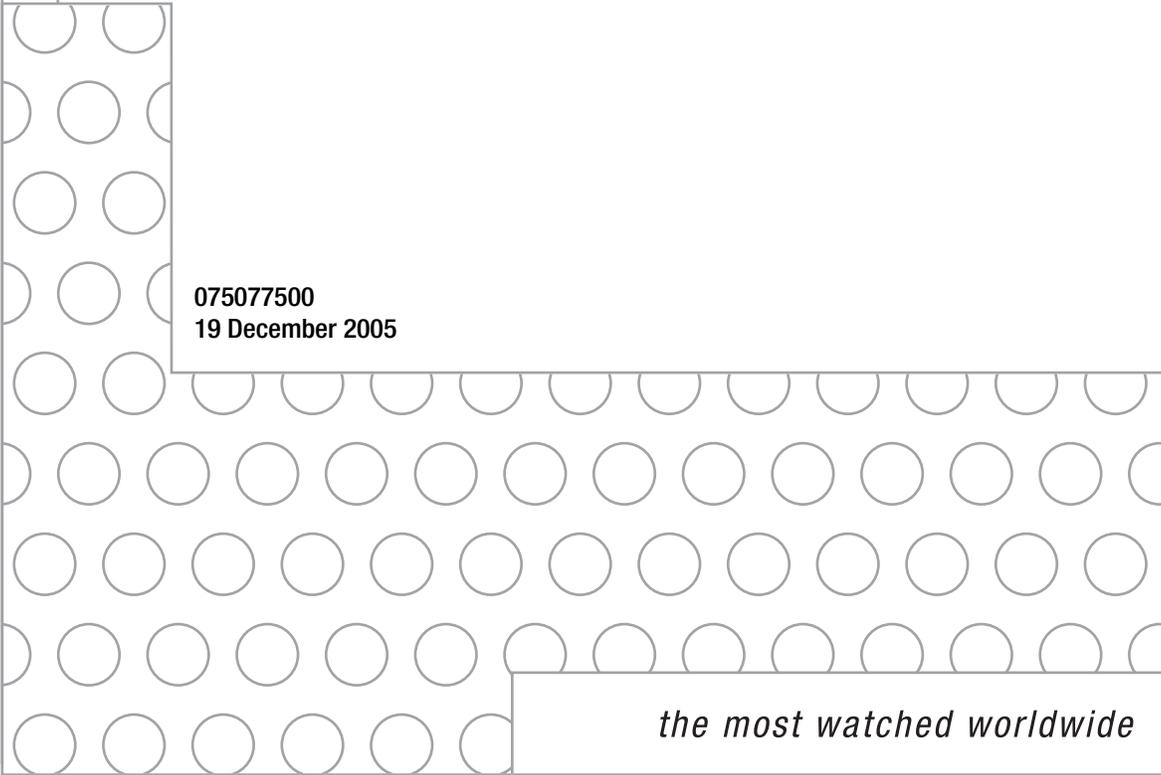
VIDEO PRODUCTION CENTER

Field Modification Note



REFERENCE ECO: 163M

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Software Downloads — Software updates, drivers, and patches can be downloaded.

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SBC1000 Fan Replacement for Kalypso and Zodiak Switchers

Purpose

The fan included with this Field Modification Note replaces the original fan installed on the SBC1000 processor mezzanine board shipped with the Kalypso and Zodiak switchers. The new fan has a much longer life to prevent frequent replacements in the future.

Parts List

A new replacement fan (Part # 721000300) is supplied to be used as a replacement for the fan installed on any of the four boards listed on [page 4](#).

Required Tools

The following tools are required for installation, but are not supplied:

- Medium flat blade screwdriver,
- Medium Philips cross head screwdriver,

SBC1000 Fan Replacement Procedure

The SBC1000 (Part # 6716448-00/10) is a mezzanine processor board that is mounted on each of the following 4 board assemblies:

- Kalypso Classic Frame processor (Part # 671492702)
- Zodiac Frame processor (Part # 671634602)
- Kalypso HD Frame Processor (Part # 671648100)
- Kalypso HD Still Store board (Part # 671648200)

You need to locate each board installed in your facility and replace the fan on the SBC1000 for each still store or frame processor board.

WARNING Avoid exposed circuitry — Do not touch exposed connections, components or circuitry when power is present.

CAUTION Use anti-static procedures — Static sensitive components are present which may be damaged by electrostatic discharge. Use anti-static procedures, equipment and surfaces during servicing.

1. Remove the processor or board from the frame.

2. Look for the SBC1000 mezzanine processor board located on the board you have just removed ([Figure 1](#)).

Figure 1. Top view of Kalypso Classic Frame processor board with SBC1000 at upper right

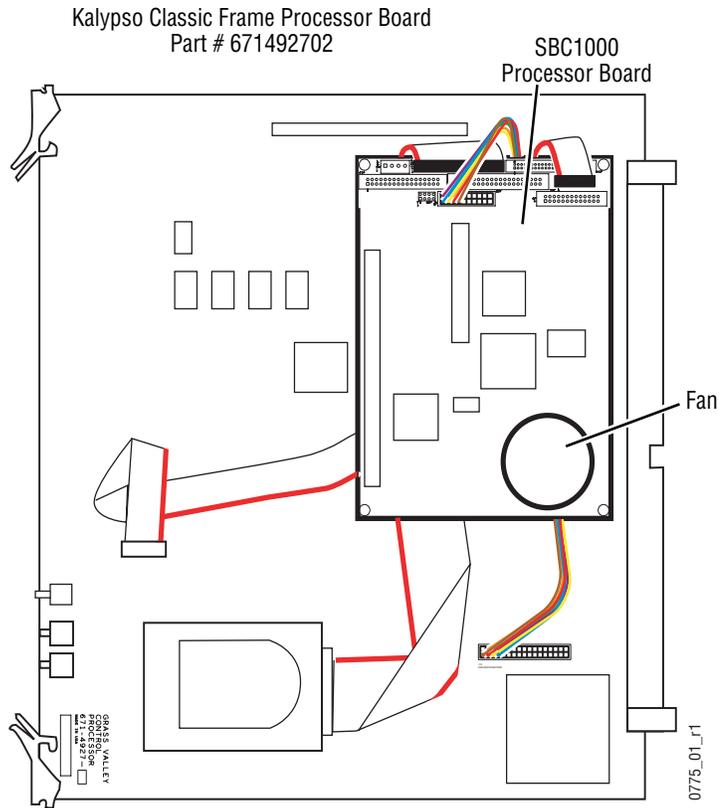


Figure 2. Top view of Zodiac Frame processor board with SBC1000 at lower left

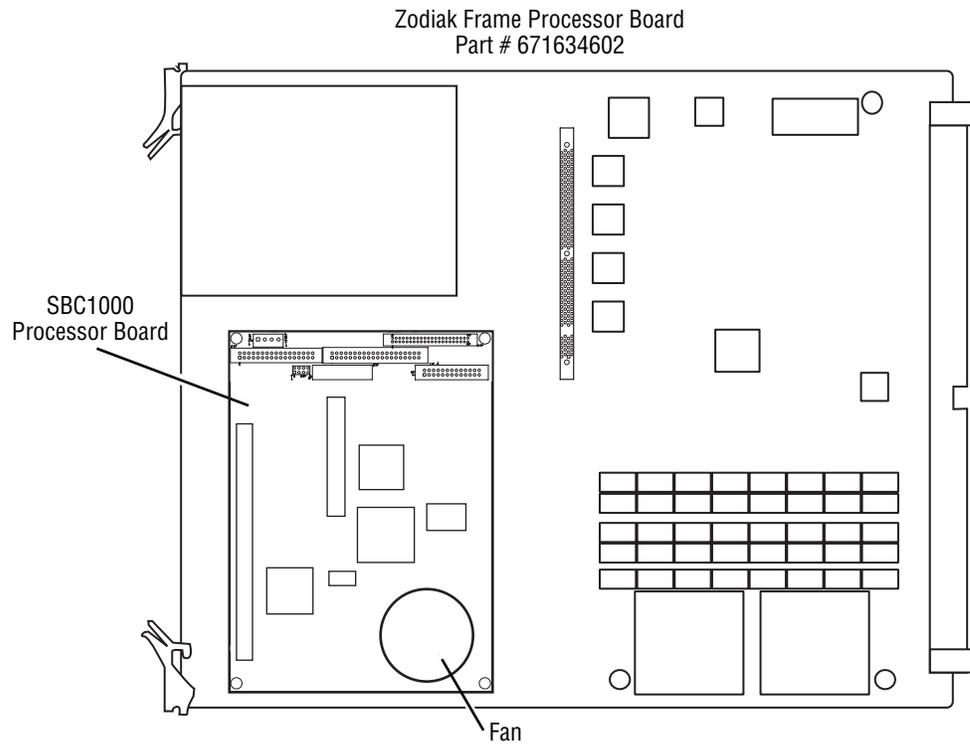
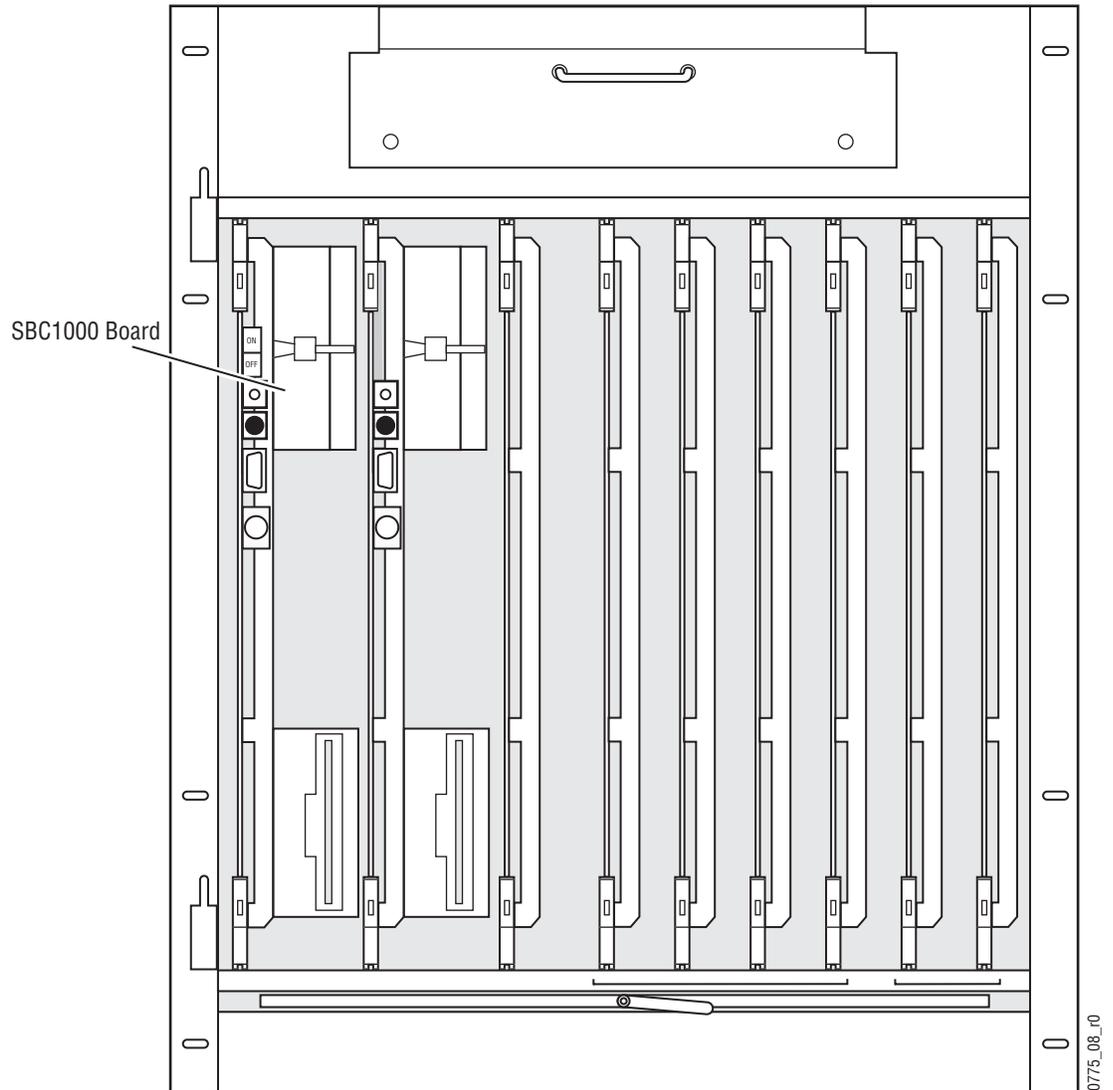


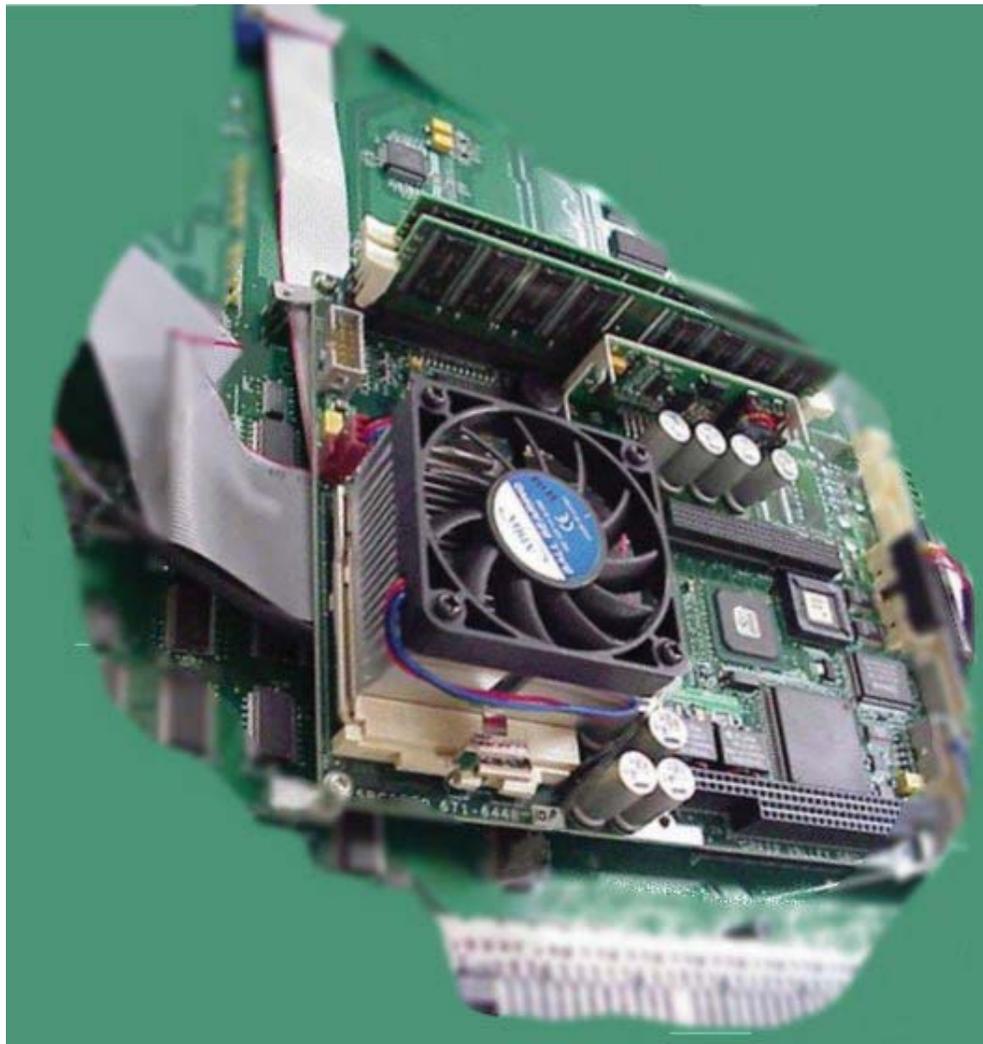
Figure 3. Top view of Kalypso HD Frame and Still Store processor board with SBC1000

Kalypso HD Frame Processor Board
Part # 671648100



3. Locate the fan on the SBC1000 board. (See [Figure 4.](#))

Figure 4. SBC1000 Board with old fan



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4. Unplug the power connector to the fan.
5. Remove the 4 corner screws holding the fan to the board.

6. Remove the old fan (Part # 214498500).

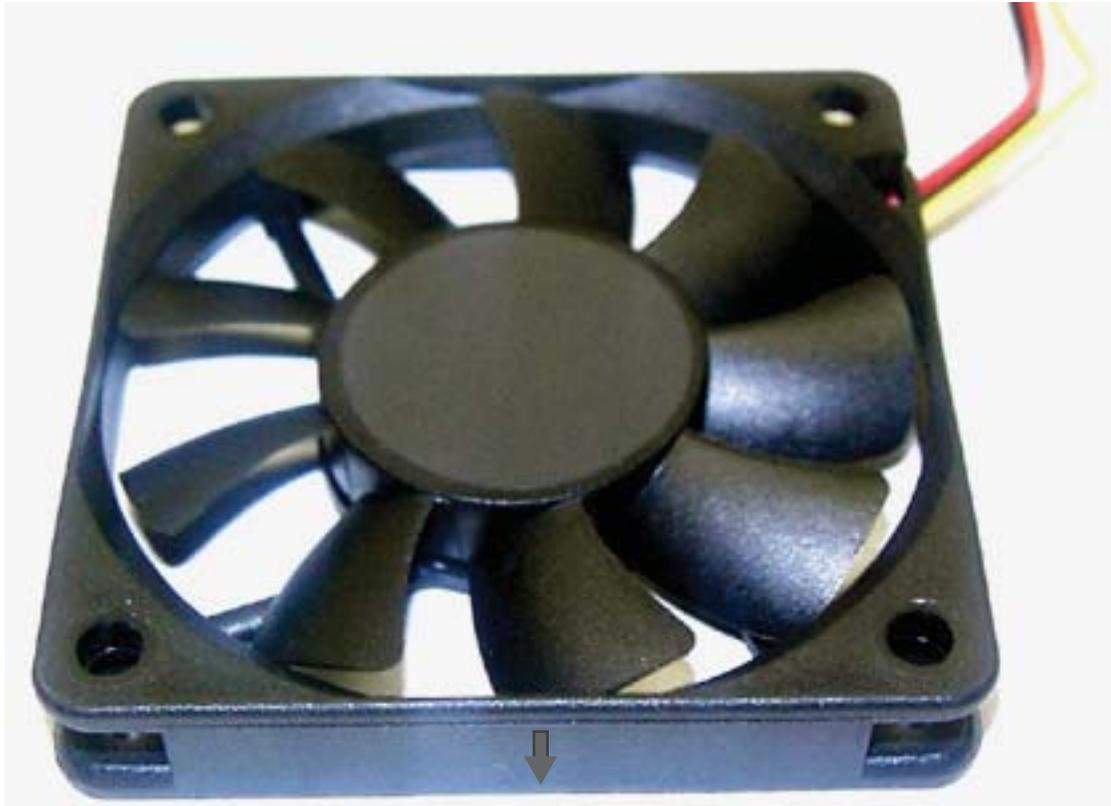
Figure 5. New fan (mount with label facing down)



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7. Place the new fan (Part # 721000300) with the airflow facing into the heat sink (label down).

Figure 6. New fan with label facing down



8. Screw in the 4 screws.

CAUTION Take care not to get any metal shavings on the assembly. Metal shavings could cause a short and destroy the electronic circuitry.

9. Connect the power plug to the new fan.

CAUTION Make sure the plus (+) and minus (-) leads on the fan power plug are connected properly.

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