

ECN # 432.2

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**ENGINEERING CHANGE NOTE:**

mfx3

ECN #: 432.2

ASSEMBLY: AMW4091**DESCRIPTION:** MW4-AO1M MONITOR BOARD
ASSEMBLY**New Assembly:** AMW4091-A**DATE:** 4/12/2001**Current Assy Rev:** NIL**Current Schematic Rev:** N/A**New Assy Rev:** A**New Schematic Rev:** N/A

THIS ECN REPLACES ECN432 AND DESCRIBES HOW TO PRODUCE THE MONITOR BOARD ASSEMBLY USING STANDARD AO1 CARD AND THE AOH HANGER BOARD.

☐ CMS BOMs Updated ☐ Excel BOMs Updated ☐ Subcontractor Records Updated **Compatibility Maintained** Yes

IMPLEMENTATION INFORMATION:

- ☐ Safety Issue ☐ UL Compliance Issue ☐ New Feature ☐ Cost Reduction
☐ Bug Fix ☐ EMC Compliance Issue ☐ Quality Issue
☐ Reliability Reasons ☐ Software Change ☐ Cosmetic Change

REASON FOR CHANGE:

Release to Production

DETAILS OF CHANGE:

1. On the AO1 Card, cut the 16 tracks which link between the pads of CN4
2. Fit two JMH0156 Connectors to positions CN3 and CN4 on the AO1 Card. Be careful to orientate the Connector correctly by aligning the larger locating pip with the larger hole in the PCB.
3. Place a Solder Blob across J1 on the AO1 Card (located below the XILINX Chip).
4. Replace R9-R16 (8 Resistors) on the AO1 Card with 220 ohm Resistors (RMD4319). This will enable the output level to be adjusted over the range +24dBu to 0dBu. Please note: after this mod the output level will have to be re-adjusted.
5. Fit the Nylon Spacer (FMS2581) to the AOH card using the M3 Socket Head Screw (FSC5376).
6. Plug the AOH Card onto the AO1 Card and fit the Nylon Nut/Washer (FNC0942) to the top of the Spacer. This will hold the two boards together.

NOTE: CHECK THAT AO1 BLANK PCB IS REV B (BMW4091B) OR LATER. CHECK THAT 0R RESISTORS ARE FITTED IN 16 LOCATIONS JP3-JP18.