

# MAINTENANCE MANUAL

## I/O BOARD P29/7720031000 (344A3927P34)

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### DESCRIPTION

I/O Board P29/7720031000 is used in the C3 Maestro console's Audio Tower. The board interconnects signals between the Audio Tower's Backplane and the connectors located on its front panel. It is inserted into the Audio Tower's far left-hand slot (as viewed from front). The board contains no active electronic components.

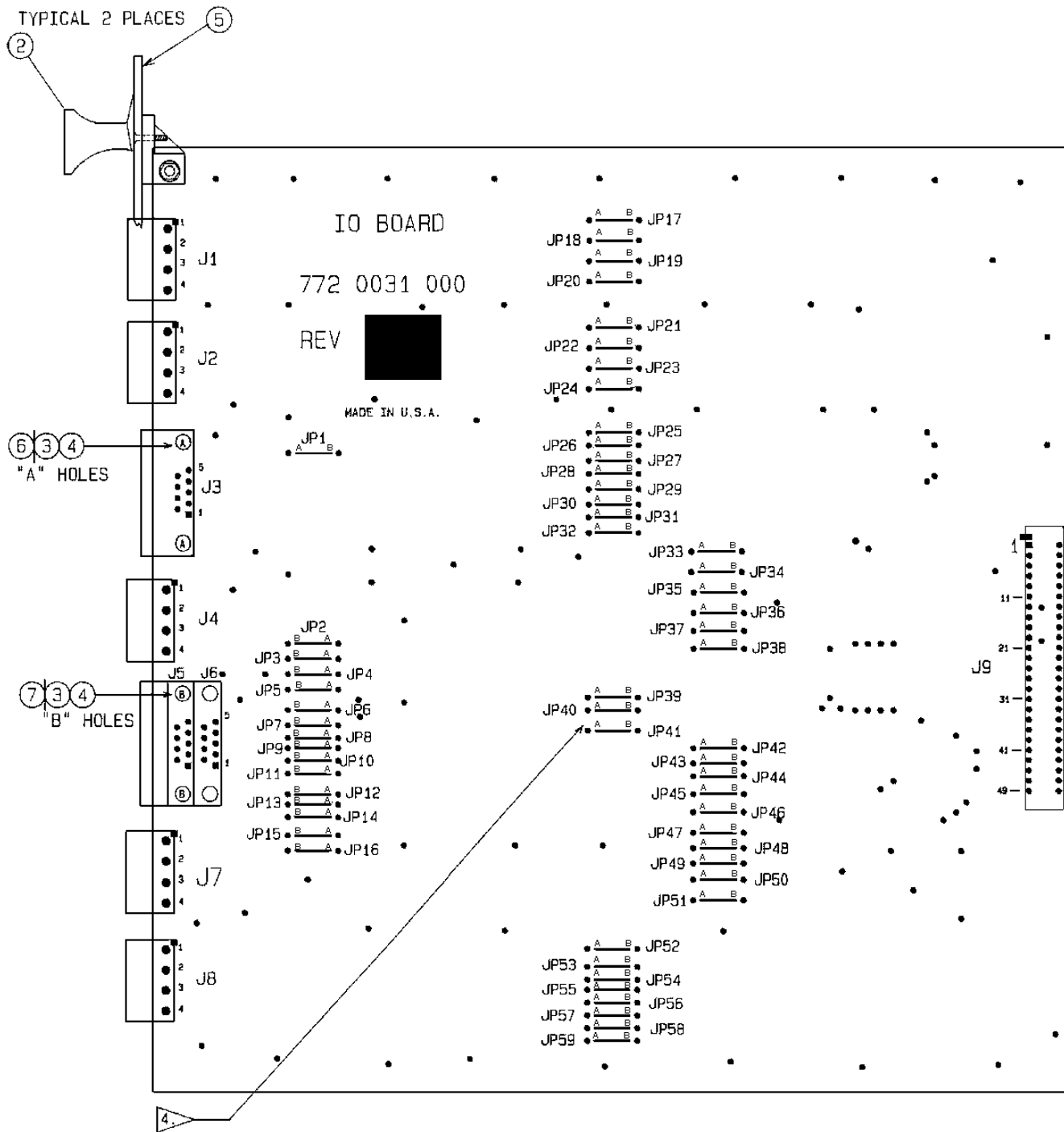
Eight (8) connectors are located on the front panel side of the board. These connectors provide interconnect points for many of the signals into and out of the Audio Tower. See Table 1 for details.

A ninth connector, a 50-pin device identified as J9, mates with the Audio Tower's Backplane connector J1.

**TABLE 1 – I/O BOARD FRONT PANEL CONNECTORS**

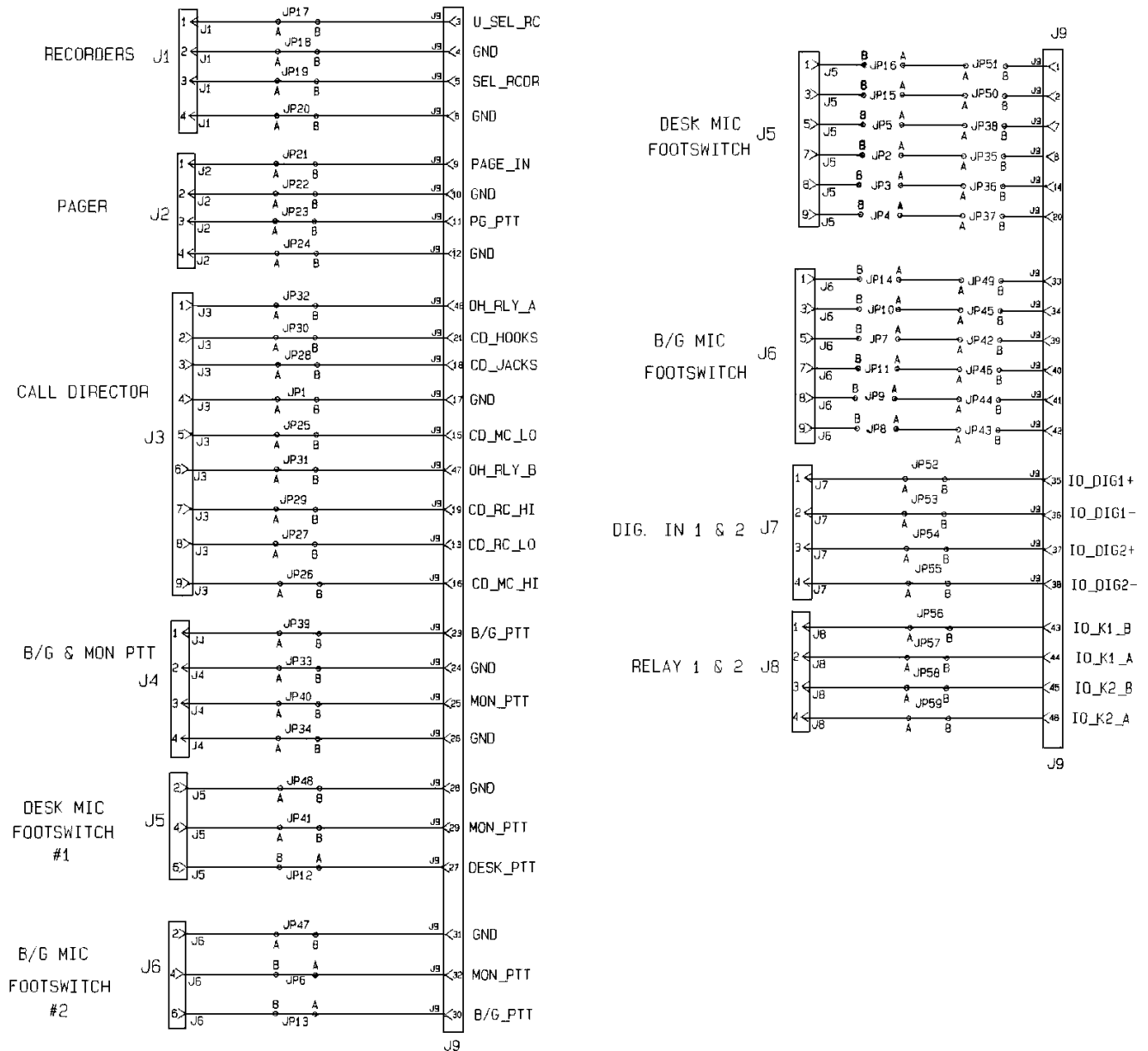
CONNECTOR	FRONT PANEL LABELING	TYPE/STYLE	USE
J1	UNSELECT RECORDER SELECT RECORDER	terminal block*	unselect and select outputs to logging recorders
J2	PAGE INPUT PAGE PTT	terminal block*	pager audio and PTT inputs
J3	CALL DIRECTOR	DB-9 subminiature	Call Director patch I/O connections
J4	B/G PTT MON PTT	terminal block*	boom/gooseneck mic and monitor input connections
J5	FOOTSWITCH 1	DB-9 subminiature	footswitch connections (desk mic)
J6	FOOTSWITCH 2	DB-9 subminiature	footswitch connections (boom/gooseneck)
J7	DIG. IN 1 DIG. IN 2	terminal block*	digital input connections (reserved for future use)
J8	RELAY 1 RELAY 2	terminal block*	relay 1 (console PTT) and relay 2 connections

\* Removable terminal blocks with screw terminals mate with these connectors.



## I/O BOARD P29/7720031000

(772-0031-XXX-HD, Sh. 1, Rev. A)



I/O BOARD

P29/7720031000

(772-0031-XXX-EC, Sh. 1, Rev. A)

ERICSSON



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**I/O BOARD**  
**P29/7720031000 Rev. A**

**ISSUE 1**

SYMBOL	PART NUMBER	DESCRIPTION
		-----JACKS-----
J1 and J2	P29/3800371000	Connector: Weidmuller SL4 12349-6.
J3	P29/3800548000	Connector: 9-pin right-angle mounting D-sub.; AMP 745781-5.
J4	P29/3800371000	Connector: Weidmuller SL4 12349-6.
J5 and J6	P29/3800368000	Connector: two 9-pin right-angle mounting D-sub. (stacked assembly).
J7 and J8	P29/3800371000	Connector: Weidmuller SL4 12349-6.
		----- PLUGS -----
P9	P29/3800377000	Connector: 50-pin, right-angle mounting; AMP 532955-8.
ST1 thru ST5	P29/3800370000	Connector: Weidmuller BL4 12593-6. (Mates with J1, J2, J4, J7 and J8).
		----- RESISTORS -----
	P29/3050000611	0 ohms (jumper).
		----- MISCELLANEOUS -----
2	P29/6110078000	Kit, Ejector.
3	P29/2080001000	Lockwasher: No. 4, stainless steel (Qty = 4).
4	P29/2070003000	Nut, hex: No. 4-40 x 3/16", stainless steel (Qty = 4).
5	P29/6090279100	Panel, front.
6	P29/2100022000	Stud, pem: No. 4-40 x 3/8" (Qty = 2).
7	P29/2020225000	Screw, pan head: No. 4-40 x 1-1/8" (Qty = 2).

**PRODUCTION CHANGES**

Changes in the equipment to improve performance or to simplify circuits are identified by a "Revision Letter" which is stamped after the model number of the unit. The revision stamped on the unit includes all previous revisions. Refer to the Parts List for the descriptions of parts affected by these revisions.

**Rev. A – I/O BOARD P29/7720031000**

Initial production release.