

Diagram illustrating the connection between the CPB270 VEX305 PCB and the DD UNIT MECHA ASSY M2001.

CPB270 VEX305 PCB Connections:

- CPB270 FFC: 1 KEY A, 2 KEY B, 3 GND, 4 GND
- CPB270: 1 KEY A, 2 KEY B, 3 GND, 4 GND
- OPERATION PCB: PCB270 VEX305

DD UNIT MECHA ASSY M2001 Connections:

- CP1001: 1 GND, 2 MOTOR GND, 3 1 LIMIT, 4 CTL, 5 VCO(12V), 6 FG, 7 CAP M F R, 8 VCC(5V)
- Components: HALL SENSOR, MAIN COIL, ROTOR MAGNET, MR FG SENSOR, OUT SWITCH LOGIC
- Note: CAPSTAN DD UNIT MECHA ASSY M2001

Head Audio Control Assy H5001 Connections:

- CP4002: 6 AUDIO PB, 5 AUDIO REC, 4 CTL+, 3 CTL-, 2 AE HEADC, 1 AE HEADC
- CD1002 FFC: 6 AUDIO PB, 5 AUDIO REC, 4 CTL+, 3 CTL-, 2 AE HEADC, 1 AE HEADC
- Head Audio Control Assy H5001: 6 AUDIO PB, 5 AUDIO REC, 4 CTL+, 3 CTL-, 2 AE HEADC, 1 AE HEADC

CP101 Connections:

- CP1003: 1 VCC, 2 BOT, 3 LDM-, 4 LDM+
- CD1001 FFC: 1 VCC, 2 BOT, 3 LDM-, 4 LDM+
- CP101: 1 VCC, 2 BOT, 3 LDM-, 4 LDM+
- VE8851A: 1 VCC, 2 BOT, 3 LDM-, 4 LDM+

CP1001 Connections:

- CP1001: 7 CYL DRIVE, 6 CYL GND, 5 CYL FG, 4 CYL +B, 3 CYL PG, 2 GND, 1 CYL VCC 5V
- CD4001 FFC: 7 CYL DRIVE, 6 CYL GND, 5 CYL FG, 4 CYL +B, 3 CYL PG, 2 GND, 1 CYL VCC 5V
- CD2001: 7 CYL DRIVE, 6 CYL GND, 5 CYL FG, 4 CYL +B, 3 CYL PG, 2 GND, 1 CYL VCC 5V
- Micro Motor M2003: 7 CYL DRIVE, 6 CYL GND, 5 CYL FG, 4 CYL +B, 3 CYL PG, 2 GND, 1 CYL VCC 5V

CP4001 Connections:

- CP4001: 1 CH2 (L), 2 CH2 (R), 3 COM, 4 CH1 (R)
- Head: 1 CH2 (L), 2 CH2 (R), 3 COM, 4 CH1 (R)

NOTE: THIS INTERCONNECTION DIAGRAM IS THE PROPERTY OF
OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE

DET. CHKD BY	DESCRIPTION	FUNCTION	PCB NAME
	NIMISC	INTERCONNECT	0N181A_C
CHKD BY	STANDARD	DWG. NO.	Rev. No.3
	UL1010C	M4C7IN13 1/7	ISSU: A
DESIGN BY	MODEL	ORION ELECTRIC CO.LTD	
Y. OKUMURA	M4C7-A04B	SECTION: TEC-HQ	DATE: 12/15/99
DRAWN BY	M4C7-A14A	DISTRIBUTE:	
M. HAMANO		PUBLICATION: TEC-HQ2 SEC.	