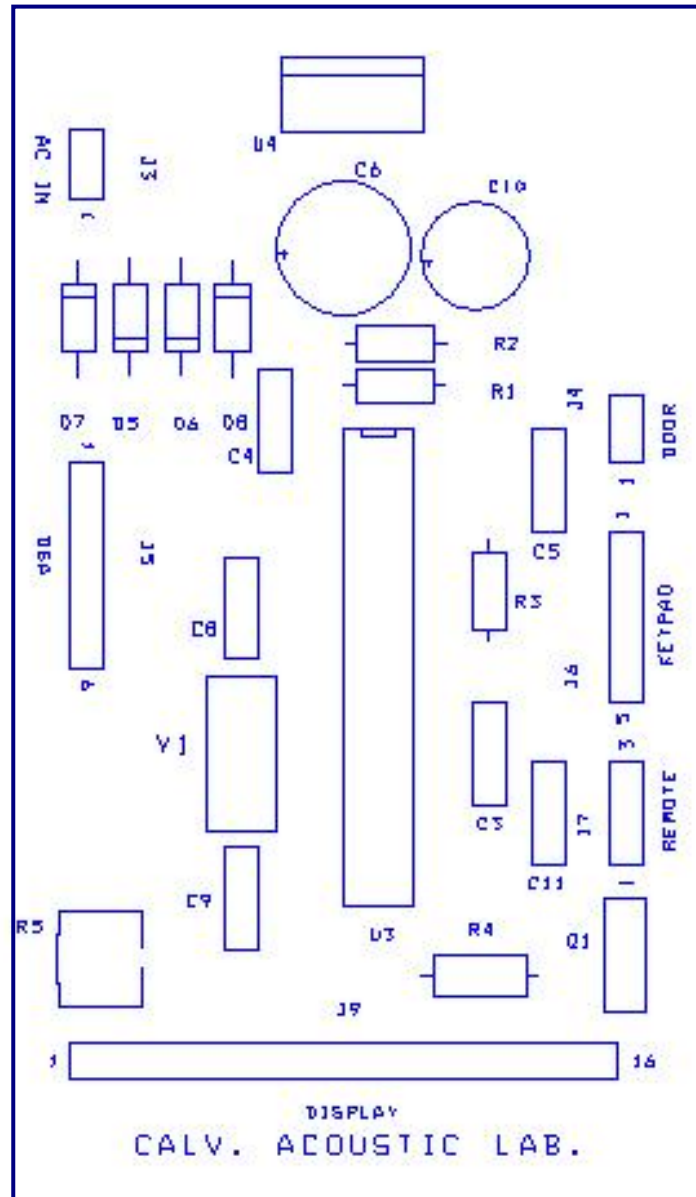


Philips CDM-12 Pro2 Controller Board



Connectors.

- a.) J3 - A.C. Power Supply.
- b.) J4 - CD Tray/Door (open/close).
- c.) J5 - DSA Interface (cd loader)
- d.) J6 - Keypad/Buttons.
- e.) J7 - Remote Control.
- f.) J9 - LCD/VFD Interface.

J3 - A.C. Power Supply (6 – 12 Va.c.).

Pin 1.	A.C. power in.
Pin 2.	A.C. power in.

J4 - CD Tray/Door.

Pin 1.	Input.
Pin 2.	Ground.

J5 - DSA Interface.

Pin 1.	Acknowledge.
Pin 2.	Data.
Pin 3.	Strobe.
Pin 4.	N.C.
Pin 5.	Ground.
Pin 6.	N.C.

J6 – Keypad/Buttons.

Pin 1.	Play/Pause.
Pin 2.	Stop.
Pin 3.	Next.
Pin 4.	Previous.
Pin 5.	Ground.

J7 – Remote Control.

Pin 1.	Vcc.
Pin 2.	Ground.
Pin 3.	Signal in.

J9 – LCD/VFD Interface.

Pin 1.	Ground.
Pin 2.	Vcc.
Pin 3.	Vee. (LCD Bias)
Pin 4.	RS
Pin 5.	R/W
Pin 6.	Enable
Pin 7.	DB0
Pin 8.	DB1
Pin 9.	DB2
Pin 10.	DB3
Pin 11.	DB4
Pin 12.	DB5
Pin 13.	DB6
Pin 14.	DB7
Pin 15	LCD Back-light
Pin 16	Ground.

DAC Mode Setting (via I²S digital interface).

I ² S – FS mode (default)	Press – Play button only.
I ² S – 2FS mode	Press - Play and Previous button only.
I ² S – 4FS mode	Press – Play and Next button only.
EIAJ – 16 bits FS mode	Press – Play, Previous and Next button only.
EIAJ – 16 bits 2FS mode	Press – Play and Stop button only.
EIAJ – 16 bits 4FS mode	Press – Play, Previous and Stop button only.
EIAJ – 18 bits FS mode	Press – Play, Next and Stop button only.
EIAJ – 18 bits 2FS mode	Press – Play, Previous, Next and Stop button only.

Note – DAC mode setting is done by pressing the button/s during power to the board is being turned on. Release button/s after about 1 second. Once completed, the setting will be stored in a non-volatile memory and remains unchanged even though power is being turned off.