

5W Stereo Audio Add-on Board

Designed for connection with Digital View controllers using the audio connector CN7. This provides stereo audio input and output ports for 5W output audio amplification.



The Audio add-on board P/N 416017100-3 only works with controllers using 12VDC power input.

Electrical Specification :

Supply Voltage : +12V, +5V

Supply current 17mA for +12V, 6mA for +5V

Output power : 5.0W for 4ohm load

Voltage gain : 0 to 24 dB

Use of connectors :

Connector	Connector type
CN2	JST B5B-XH-A or compatible (Matching type : XHP-5)
CN3	0.1 inches 2 row x 5 pin header strips (right angle)
CN4	JST B4B-XH-A or compatible (Matching type : XHP-4)

Pin Assignments :

CN2: Audio input connector

Pin Number	Description
1	Ground
2	Audio input left
3	Ground
4	Audio input right
5	5V output

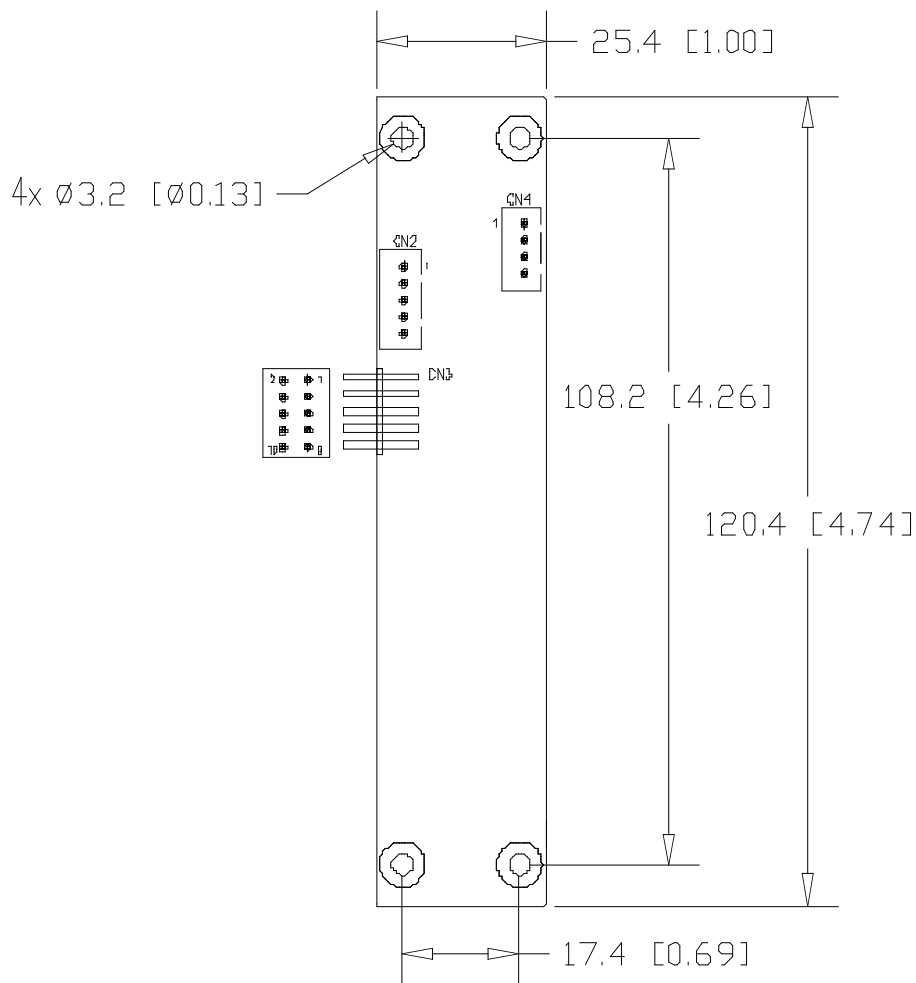
CN3 : Controller interface connector

Pin Number	Description
1	+5V input
2	Left trimpot chip select
3	Right trimpot chip select
4	Trimpot serial data
5	Trimpot serial clock
6	Digital Ground
7	+12V input
8	Audio input left
9	Audio input right
10	Audio Ground

CN4: Audio output connector

Pin Number	Description
1	Ground
2	Audio output left
3	Ground
4	Audio output right

Mechanical Drawing :



UNIT : mm [inch]