

Thanks for you selecting Beyondinfinite.com products.
Before using the CF A/D board, please read this manual thoroughly, and retain it for future reference.

It will help you to use the A/D board easily.

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1) Notice: Important Safety Instructions

- 1) The nominal voltage of DC input to the A/D board is 12V, and the voltage tolerance is +/- 1V. The size of DC current depends on the TFT LCD, audio amplifier, etc. Please note that your AC/DC adapter's output plug need to match the DC input jack, the diameter of the jack is 2.1 mm.
- 2) Before connecting these input/output ports, such as analog LVDS or TTL port, Audio port, it is strongly recommended that your turn off the A/D board and remove the DC 12V plug from the DC input jack.
- 3) Don't put the A/D board into an airtight package. When it works, it will produce a certain heat.
- 4) When assembling it, please use a suitable force; don't distort the PCB and other components.
- 5) The firmware of the A/D board is corresponding to the different TFT LCD, so please tell us your LCD model before purchasing out A/D board.

CAUTION: Information in this document is subject to change without notice. Please contact us if you have any questions or suggestions.

2) Introduction:

This product is a kind of digital media player which support market mainstream digital media memory (CF) as well as Hard disk drive and play all WMA, MP3, MPEG, MPEG2, MPEG4, VOB, JPEG etc.

This player is mainly for advertising machine, Digital photo frame and so on.

It supports all types of LCD model size range from 6.4" to 42".

It is very easy to use and convenient to use.

It also supports USB Media (Disk drive) to play Audio, Video & image files.

Feature

Video and image quality is as good as DVD suitable for the demonstration unit for advanced users.

Special newly designed, need no cables.

Built-in video and audio function.

Automatically cyclic playing when power is on.

Support MPEG1, MPEG2, MPEG4, VOB and JPEG file format.

Compatible with VCD, SVCD and DVD etc format.

Function of time fixing, No labor care for 24 hour all the year around.

Major Futures:

Support all LVDS panels with the aspect ratio of 4:3 and 16:9 and so on.

Support all TTL panels with the aspect ratio of 4:3 and 16:9 and so on.

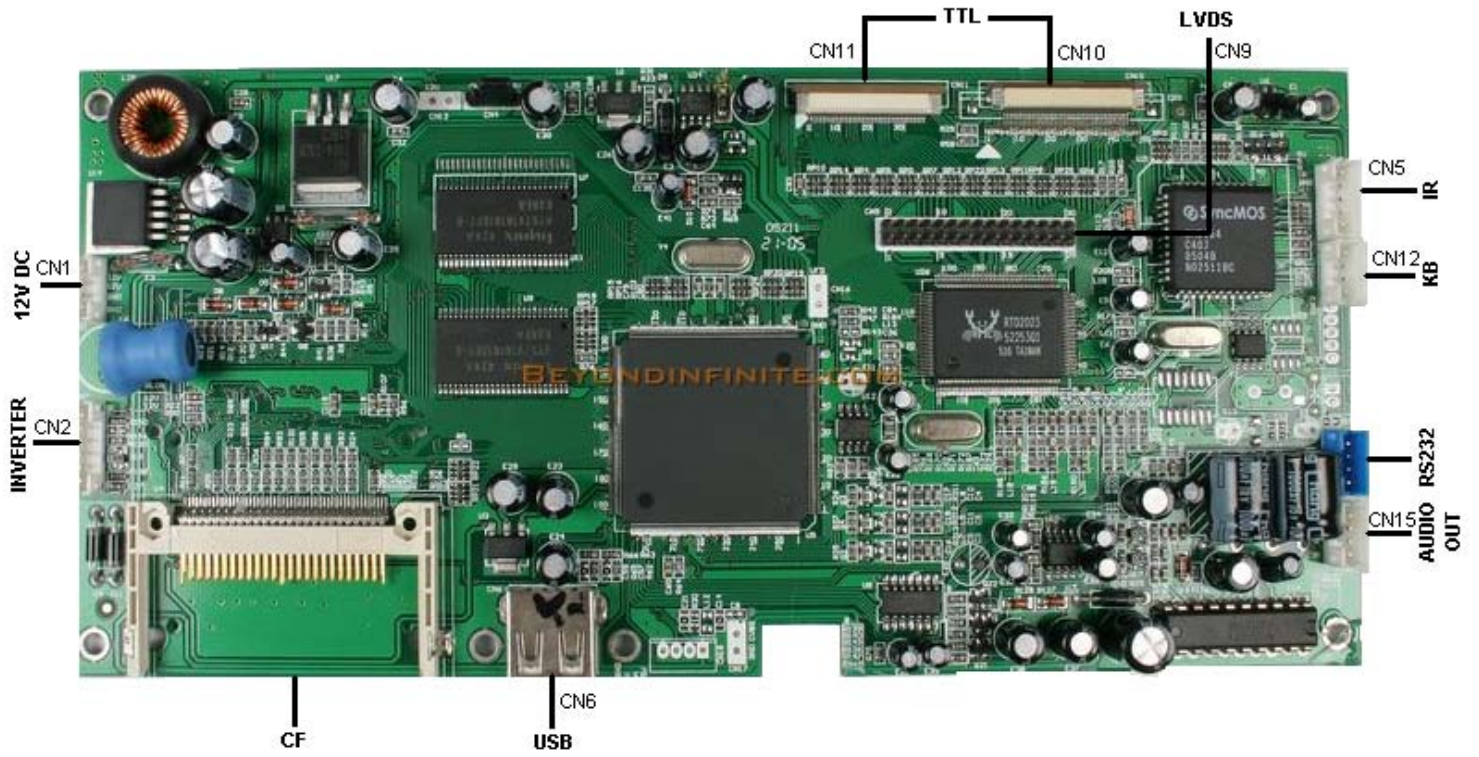
It supports CF, Micro drive and also USB media.

It supports WMA, MP3, MPEG, MPEG2, MPEG4, VOB, and JPEG.

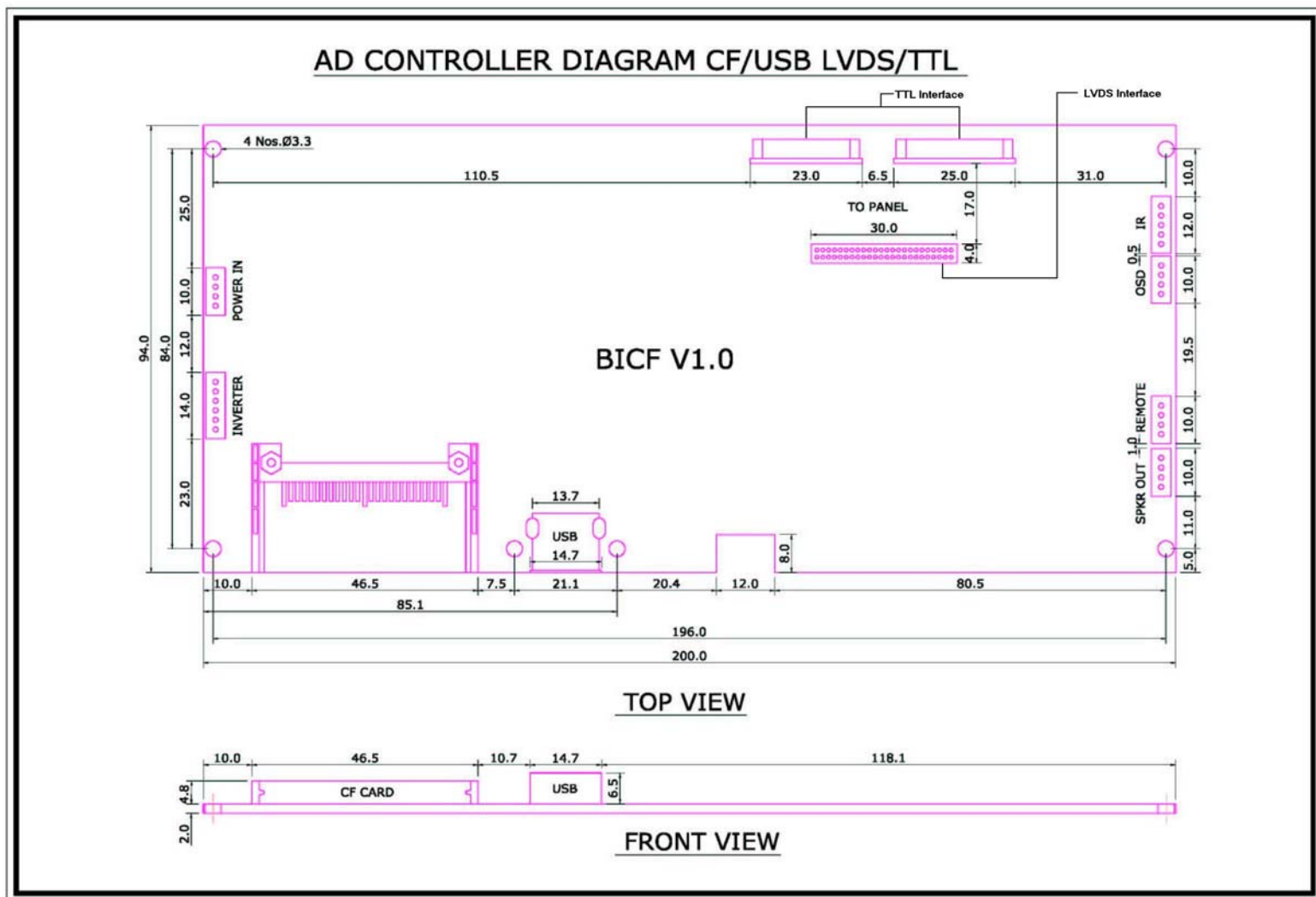
Support on board clock control for turning the device OFF & ON at particular time.

3) Technical description

(a) The photo of the A/D board



(b) Mechanical Dimension of the PCB



c) Size and specification of the PCB

- 1) PCD Thickness + the highest height of the part + 11.00mm
- 2) PCB LENGTH = 200mm
- 3) PCB width 94.00mm

The specification of the screw hole: diameter 3.3mm screw hole.
The size of the hole and its coordinate please see the structure figure.

d) Connector Definition

CN1 (4PIN) Power Input

Pin No	Definition	Description
1	GND	Ground
2	GND	Ground
3	12V	To Inverter
4	12V	To Inverter

CN2 (6PIN) Inverter

Pin No	Definition	Description
1	12V	Inverter
2	12V	Inverter
3	BL_ON	Button Control
4	ADJ	Brightness Control
5	GND	Ground
6	GND	Ground

CN5 (5PIN) Remote Control + Power LED

Pin No	Definition	Description
1	5V	5V Power Supply
2	R	Red LED
3	G	Green LED
4	TR	Remote Control Receive
5	GND	Ground

CN15 (4PIN) Audio Amplifier

Pin No	Definition	Description
1	LO	Left Audio
2	GND	Ground
3	GND	Ground
4	RO	Right Audio

The requirements for transporting, shocking and use

- 1) Keep off heavy pressure and bending
- 2) Keep off the static electricity
- 3) Relative humidity =<80%
- 4) Storage temperature: -10 ~ +60Degree C
- 5) Operating temperature 0 ~ +40C