

HOW TO CARE AV-01 BOARD

There are Video Signal Converter (Negative - Positive) and Audio Power Amp Circuit. Even though there is only one of them, board works correctly.

1. VIDEO SIGNAL CONVERTER

1-1 Position of Connector Pin

P1 VIDEO IN		P2 VIDEO OUT	
PIN No.	SIGNAL	PIN No.	SIGNAL
1	GREEN	1	GREEN
2	RED	2	RED
3	BLUE	3	BLUE
4	GND	4	GND
5	GND	5	GND
6	SYNC	6	SYNC

1-2 Adjustment of VIDEO SIGNAL CONVERTER

Each R,G,B of Video Signal Level is adjustable by Adjustable V. R. Please adjust according to level of your Monitor T.V.

1-3 SYNC SIGNAL CONVERT

As SYNC Signal is usually Negative, only simple circuit is set up. If Positive SYNC Signal is necessary, insert IC SN74LS04 and cut CL1.

1-4 CABLE

I/O Cable should be no longer than 1m.

2. AUDIO POWER AMP CIRCUIT

2-1 Position of Connector Pin

P4 SOUND IN		P5 SOUND OUT	
PIN No.	SIGNAL	PIN No.	SIGNAL
1	SOUND SIG	1	SPEAKER
2		2	SPEAKER
3		3	* * *

2-2 Setting up of Input Signal

According to Input Signal Level of Audio Power Amp, change the circuit and please use with proper Input Level. If it is used over proper Input Level, sound would be saturated or Volume VR 4 would be impossible to adjust sound.

INPUT LEVEL	HOW TO CHANGE CIRCUIT
2V	Short SL1 with solder, and cut CL2
1V	Needless to change circuit
0.5V	Short SL2 with solder, and cut CL2

