

# CGA TO VGA CONVERTER

**MODEL: ACV-01 VER 1.0**

## FEATURE

- ※ CGA GAMMING SINGAL CAN DISPLAY ON PC MONITOR OR TFT MONITOR.
- ※ NORMAL RESOLUTION ENHANCE TO HI-RESOLUTION.
- ※ DISPLAY FRAME SHARPNESS, AND TINY PIXEL FOR USER
- ※ SUPPORT EITHER COMBINE SYNC. H/V AND SEPARATE SYNC. H, V FREQUENCY AND NECTIVE/POSITIVE SYNC TYPE.
- ※ VGA BYPASS CONTROL BY SWITCH .
- ※ CONTRAST ADJUST BY A VR.

## SPECIFICATIONS

PARAMETER	SPECIFICATIONS		
POWER	INPUT		DC 8~16V
	CONSUMPTION		2.0 WATTS MAXIMUM
SIGNALS	INPUT1: SYNC COMBINE	CGA	VIDEO Analog RGB 1~5VP-P/1KΩ (ADJUST BY VR)
			SYNC
	INPUT2: SYNC SEPARATE	CGA	VIDEO Analog RGB 1~5VP-P/1KΩ (ADJUST BY VR)
			SYNC
	INPUT3 SVGA BYPASS	SVGA	VIDEO Analog RGB 0.7VP-P/75Ω
			SYNC
OUTPUT VGA/SVGA		VIDEO Analog RGB 0.7VP-P/75Ω	
		SYNC	NECTIVE/POSITIVE SEPARATE TTL 5.0VP-P
VIDEO CONNECTOR	INPUT1	CGA	8PIN (R ,G ,B ,GND,GND,GND,H/V,GND)
	INPUT2	CGA	8PIN(R ,G ,B ,GND,H,V,NC,GND )
	INPUT3	SVGA	15PIN D-SUB (STANDARD)
	OUTPUT VGA/SVGA		15PIN D-SUB (STANDARD)
USER CONTROLS	VGA BYPASS SWITCH		
	VR (CONTRAST ADJUST)		
ENVIRONME NTAL LIMITS	OPERATING TEMP.		0° TO 55°C
	STORAGE TEMP.		-20° TO 70°C
OVERALL DIMENSION (HxWxD)	14.5x116x92 mm		

TABLE 1

## FACTORY-PRESET MODES:

MODE	INPUT		OUTPUT	
	H-FREQ.(KHz)	V-FREQ(Hz)	H-FREQ.(KHz)	V-FREQ(Hz)
INPUT1 SYNC COMBINE	15.45	60.0	30.9	60.0
	15.6	59.1	31.2	59.1
	15.6	55.3	31.2	55.3
INPUT2 SYNC SEPARATE	14.5~16.5	50~65	29.0~33.0	50~65
INPUT3 VGA/SVGA BYPASS	ALL VGA/SVGA TYPE	ALL VGA/SVGA TYPE	SAME INPUT	SAME INPUT

TABLE 2

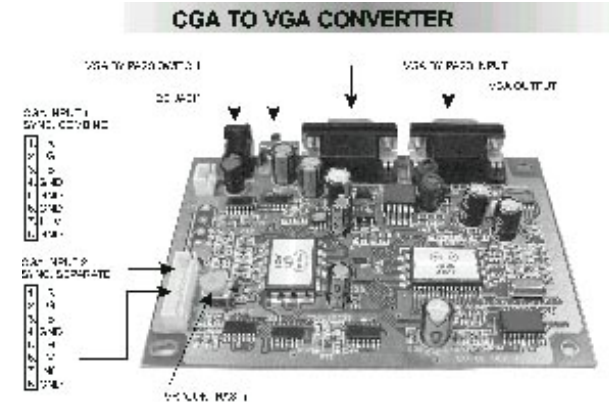
## \*\*NOTICE\*\*

- IN CGA COMBINE SYNC MODE, THE TIMMING IS VERY IMPORTANT. IT NOT SAME TO ABOVE LIST TIMMING BUT, IT MAY WORK NORMALLY.
- IF YOU HAVE ANY TIMMING THAT WE UNSUPPORT. PLEASE LET ME KNOW. WE WILL DO IT WELL.
- IN CGA SEPARATE SYNC MODE, IT MAY SUPPORT ALL CGA TYPE SIGNALS
- IT CAN INPUT VGA, SVGA, XGA SINGALS BYPASS TO VGA OUTPUT CONNECTOR.

## INSTALLATION

- ◆ FIRST, PLEASE MAKE SURE THAT THE DC VOLTAGE IS EXACTLY WITHIN THE VOLTAGE RANGE SHOWN ON THE SPECIFICATION.
- ◆ CHECK IF THE SIGNAL SOURCE AND CONVERTER ARE BOTH IN OFF STAGE BEFORE CONNECTING.
- ◆ PLUG THE FREE END OF SIGNAL CABLE INTO THE 8PIN PLUG OF CONVERTER. ANOTHER CONNECT TO SIGNAL SOURCE.

- ◆ PLUG THE FREE END POWER CONNECTOR INTO DC-JACK OF DC SOURCE.
- ◆ TURN ON THE SIGNAL SOURCE AND CONVERTER'S POWER, AND IT CAN WORK.



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