



CONTROL SYSTEM

LED VIDEO PROCESSOR VC-880C

The video processor is a special front-end video processing equipment for LED display. It largely enriches the video input sources and provides the display system with all kinds of resources such as video, cartoon and digital image. The commonly used input devices are DVD (including other dish input devices), TV (video recorder, camcorder, Image editing/playing device, CATV and live telecast devices), graph creating device (scanner, camera), computer, etc.

Features:

- Advanced image processing technology, smooth and delicate video display effect.
- Built-in video control main board, easy to operate and cost-efficient.
- Rich video image input ports, including 1xVGA . 2xHDMI. 1xYPbPr(HDTV). 1xVideo(PAL/NTSC), 1xS-Video(PAL/NTSC). 1XUSB(for computer). etc.
- Advanced auto video processing technology promoted replaying effect of slow action and denoising effect of motion video. It makes common PAL/NTSC video clearer and effectively eliminates the phenomena of trailing, aliasing and jagged edges occurred in video.
- PAL/NTSC data decoding. The parameters of position, size, brightness, contrast ratio, saturation and color can be adjusted easily. GAMMA can be set up arbitrarily.
- Can adjust the size and position of main & slave player window pixel by pixel.
- Users can set up the size and position of images in LED displays.
- One key switching between multiple modes of player window. Seamless switching of the signal input sources.
- 10bits photo processing and 1024 gray scale largely optimize the image details. Infinitive brightness adjustment.
- Two control ways: LCD key or USB.
- Lock of single frame of motion video.

Input Technical specifications

Input Port and Quantity	1 × VGA 2 × HDMI(DVI). 1 × YPbPr(HDTV). 1 × Video(PAL/NTSC). 1 × S-Video(PAL/NTSC)
Video Standard	PAL / NTSC
Composite Video Impedance	1V(P_P) / 75 Ω
S-Video Impedance	Y:0.7V(P_P)/75 Ω , C: 0.35V(P_P)/75 Ω
VGA / DVI Resolution	1280 × 1024@ 60HZ
YPbPr(HDTV) Standard	720P@ 60HZ, 1080i@ 60HZ
YPbPr(HDTV) Impedance	Y:-0.3V~+0.7V(P_P)/75 Ω Pb:-0.35V~+0.35V(P_P)/75 Ω Pr:-0.35V~+0.35V(P_P)/75 Ω
Input Sources	DVI+HDMI YPbPr(HDTV):BNC×3 composite-video:BNC S-Video Video: 4Pin DIN

output Technical specifications

Output port and quantity	4 × 1000 Net control LED display.1 × HDMI
VGA/DVI Resolution	1280 × 1024@60HZ
Output Range	0.7V(P_P)/75 Ω
Output Sources	VGAHV:15Pin D_Usb HDMI×2

Other Technical specifications

Controller	liquid crystal panel or USB
Power Consumption	90~240VAC 70W 50HZ/60HZ
Ambient Temperature	-20~50℃
Relative Humidity	10~95%
Body Size	L=260mm W=330mm H=45mm standard 1U case, which can be set in standard crust