

PC-8000 professional controller



FEATURES:

1. Eight IR/serial ports, every port is independent and contains two kinds of IR codes learning ability.
2. One bidirectional programmable RS-232 communication port, 1 programmable RS-232 output communication port.
3. One USB communication port for downloading program.
4. One CR-NET port
5. Built-in IR learning module
6. Built-in a VGA3x1 matrix switcher and a AV6x2 matrix switcher
7. One MIC port for providing a Simplex Powering to microphone
8. One Ethernet expansion port
9. CR-NET port can be used to connect peripheral equipments
10. One programmable I/O input and output control port
11. 1U rack mounted case

INTRODUCTION

PC-8000 is adopted advanced integrated technology provide a high-speed and exact control environment, and contain the up to date IR learning function PC-8000 work with Creator's touch panel (for example ST6500C ST7600C ST8400C) for flexible control at variety location.

Parameter:

Processor:

CPU: 32bit Samsung Arm

Processing speed: 210MIPS

Memory:

Standard memory: 8M SDRAM and 8M flash

Extendable memory: totally up to 32M

Bandwidth: 100MHz (-3dB) full loaded

0~60MHz: $\leq +0.1\text{dB} \sim -0.1\text{dB}$

Separating degree: -50dB@5MHz, -45dB@10MHz

Switching Speed: 200ns Maximum

Input ports: 6RCA

Output ports: 2RCA

Input/output level: 2.0V p-p

Video Impedance: 75Ω

Audio: Gain 0dB

Frequency response: 20Hz~20KHz, $\pm 0.05\text{dB}$

THD+Noise: 0.03% @ 1kHz (rated votage)

S/N ratio: >80dB

Separating degree: <-80dB@1kHz, full loaded

CMRR: >75dB@20Hz~20kHz

Signal style: stereo, unbalance

Input ports: six RCA; two 3.5mm stereo ports; one MIC Port

Output ports: two RCA

Audio Impedance: input: >10kΩ unbalance, output 50Ω unbalance

Computer Signal:

Input ports: 3VGA 15HD ports

DIAGRAM:

