Xantech
COMMERCIAL

CM8X8CTL A/V MATRIX CONTROLLER

FRONT   BACK

The CM8X8DR A/V Matrix Controller is a rack-mountable unit that allows the control and distribution of eight separate A/V sources throughout eight different zones, with the capacity to expand to up to sixteen zones of control and distribution. It allows control of source components through both RS232 and IR. A variety of control options are available, such as MRC dedicated keypads featuring control feedback display, and the CSPLCD line of Commercial LCD Touchscreen Cointrollers, offering CM8X8 control feedback in a graphical, user-friendly format. In addition to A/V loopthrough and audio preamp output on each zone, the CM8X8CTL offers 35 watts of amplification on six of the zone outputs, allowing for great flexibility in system design and installation.

The CM8X8CTL includes Intelligent Power Management through the use of video and current sensing for all eight source components, insuring synchronization between controller and component status.

For all of its sophistication, the CM8X8CTL is easily programmed via Xantech's acclaimed Dragon-Drop IR™ software, insuring quick, easy set-up, and reliable operation.

The CM8X8CTL is ideally suited to any application requiring multi-zone control and A/V distribution, including retail stores, entertainment centers, houses of worship, restaurants and bars, hotels, schools, conference rooms, and museums. .

Features include:

- Eight Audio inputs
- Eight Video inputs
- Eight zone-specific outputs
- Expandable to 16 zones
- Six Zone built-in amplification
- Controllable through CSPLCD touchpanels as well as dedicated MRC keypads
- Programmed with Dragon-Drop IR™ software
- Programmable macros allows simplified device control

- Eight source A/V loopthrough
- Eight Zone audio preamp out
- Intelligent Power Management for positive device control through video and current sense on all 8 source inputs
- Video loopthrough and audio preamp out
- Intelligent Power Management for positive device control
- Bi-directional status indication with MRC keypads and CSPLCD controllers
- Front-mounted programming ports w/IR learning eye

CM8X8CTL A/V MATRIX CONTROLLER

TECHNICAL SPECIFICATIONS:

FEATURES:

- A/V Source Inputs: 8
- A/V Source Loopthroughs: 8 (all source inputs)
- Common IR Emitter port: 1
- Common Status output: 1
- Current sensing ports: 8 (requires CSM1)
- Provides IR Routing: Yes
- Expandable Module:
  Yes- to eight-source, 16 zone system
- Front panel A/V Source input: 1
- Internal IR code storage memory: 32Kb
- In-Zone IR Emitter Outputs: 8
- Source-specific IR emitter ports: 8
- Video NTSC Sync sensing: 8

DIMENSIONS:

- Height: 8.75" (222mm)
- Width: 19.125" (482mm)
- Depth: 15.75" (400mm)
- Rack Mount: Yes, 4 RU
- Weight: 58 lbs. (26kg)

AUDIO INPUT:

- Min. input: 250mV
- Input overload: >2.2 V RMS (@max VC)
- Input impedence: >20k Ohms

VIDEO INPUT:

- Input/Output Impedence: 75 Ohms
- Video insertion loss: 0 db (50 Hz to 6 Mhz)

APPROVALS AND CERTIFICAIONS:

- ETL certified to the following standards:
- UL-6500
- CSA E65

AMPLIFIER:

Rated power:
- 35W/Ch @ 20Hz to 20kHz <0.08% THD @ 8ohm
- Frequency response: 12 Hz to 55kHz (+/- 3dB)
- Signal-to-noise Ratio: >96dB (A-weighted)

CONNECTIONS:

INPUTS:
- Video: Gold plated RCA
- Audio: Gold plated RCA

OUTPUTS:
- Video: Gold plated RCA
- Audio Amplified (Zones 1-6): Screw terminal
- Audio Preamp: Gold plated RCA

ZONE CONTROL: RJ45

RS232 CONTROL:
• Com Port: DB9
• Expansion Port DB15

Power requirements:

• 120VAC/60Hz 1200W max.

INCLUDED ACCESORIES:

- Instruction manual
- Dragon-Drop IR™ software CD ROM
- 8-283M Mouse emitters
- Expansion cable
- WECO Screw terminals
- RS232-DB-9 Programming cable
- Power cord

OPTIONAL ACCESSORIES:

- MRC88DJKP keypads
- CTD Commercial Touchscreen Display
- CSM Current Sense Modulr
- Expansion Serial Cable, p/n 05913665