



DATA SHEET

MRC88CTL / MRAUDIO8X8CTL EIGHT SOURCE - EIGHT ZONE CONTROLLER/AMPLIFIER



MRCREM/MRC88KP

The optional hand-held remotes and In-wall keypads provide a simple and elegant interface for your control system

The Xantech MRC88 is the heart of a complete whole-house entertainment distribution system capable of controlling every major system in the home: entertainment, security, lighting, and climate control, all with a single button touch. Simply press a keypad, and the MRC88 can take care of the rest: the lighting is just right, air set to the desired temperature, and the entertainment center set to your favorite program.

A wide variety of control choices make it easy to personalize the MRC88 system to suit your needs perfectly: SPLCD touchscreen controllers for the ultimate in customizable control, MRC88DJ keypads for an attractive control solution, TS57LCD Touchscreen control or LC8 keypads for control at an affordable price.

The flexibility of the MRC88 system makes it easy to build the perfect system for your needs; for audio distribution only, choose MRAUDIO8X8, or choose the MRC88CTL for both audio and video distribution.

The MRC88CTL and MRAUDIO88CTL systems make home control easy and affordable.

Features include:

- Eight Audio inputs
- Eight Video inputs
- Eight zone-specific outputs
- Expandable to 16 zones
- Six Zone built-in amplification
- Controllable through CTD touchpanels as well as dedicated MRC keypads
- Easily programmed through 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 SPLCD touchscreen controllers
- Front-mounted programming ports with IR learning eye



DATA SHEET

MRC88CTL PLATFORM

EIGHT-SOURCE EIGHT-ZONE AUDIO VIDEO CONTROLLER/AMPLIFIER

TECHNICAL SPECIFICATIONS:

FEATURES:

- A/V Source Inputs: 8
- A/V Source Loophroughs: 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: 7.5" (189mm)
- Width: 17" (429mm)
- Depth: 15.75" (400mm)
- Weight: 45 lbs. (20.4kg)

AUDIO INPUT:

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

VIDEO INPUT:

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

APPROVALS AND CERTIFICATONS:

- ETL
- UL-6500
- CSA E65
- C Tick

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:

- MRC88 keypads
- Smartpad LCD Touchscreen controllers
- CSM Current Sense Modulr
- Expansion Serial Cable,