



DATA SHEET

**MRC44CTL / MRAUDIO4X4**  
**FOUR SOURCE FOUR ZONE**  
**CONTROLLER / AMPLIFIER**



front (MRC44CTL)



rear (MRC44CTL)



**MRCREM/MRC44KP**

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

With the Xantech MRC44 system, you can create a four-source, four-zone entertainment distribution system with the option of a variety of control interfaces, at a very affordable price. Choose the dedicated MRC44DJ keypads, now designed for mounting in a standard dual-gang J-box, for a simple control solution. The new LC4 keypads offer a cost-effective keypad control, while the TS57LCD provides an economical touchscreen control. For the ultimate in power and control, the MRC44 series is fully compatible with the SPLCD line of Touchscreen controls.

The MRC44 system has IR control for four source components, and with four zones of amplification at 25 Watts/Channel it has plenty of power for clean sound throughout the home. Intelligent Power Management for source components ensures synchronization between controller and component status.

The MRAUDIO4X4 features audio distribution, while the MRC44CTL has both audio and video distribution, so that it's easy to build the perfect MRC44 system for almost any home.

**CONTROLLER/AMPLIFIER FEATURES**

- Four-source, four-zone audio/video distribution
- Four-zones of stereo audio amplification - 25 Watts per channel
- Selection and full control of any of the four sources from any of the four zones
- Elegant, intuitive and easy to operate 16-button backlit LCD Keypads
- Built-in infrared receivers in Keypads to allow use of Xantech URC2, MRCREM or other hand-held infrared remotes in addition to keypad control
- Built-in connectors on Keypads to allow easy expansion to two Keypads
- Voltage trigger macro activation
- Uses Xantech's Universal Dragon Drop-IR™ programming software (included)
- Provides programming of IR codes for control of source components
- Program sequences of up to 40 IR codes per button. Incorporate delays in sequences to allow for amplifier power-up, light dimming, screen drop, drape closure, and more
- User programable source icons on keypad displays
- Intelligent power management automatically assures the power state of all source components is in synch with system status
- Party mode zone linking
- "Future Proof" feature will allow upgrades for additional system flexibility and control as available



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**FOUR SOURCE - FOUR ZONE CONTROLLER/AMPLIFIER**

**TECHNICAL SPECIFICATIONS:**

**DIMENSIONS:**

**CONTROLLER**

- Height: 4" (102 mm)
- Width: 17" (432 mm)
- Depth: 11.5" (292mm)
- Weight: 22.75 lbs (10.3 kg)

**KEYPAD**

- Height: 5" (127 mm)
- Width: 5" (127 mm)
- Depth: 1.5" (38 mm)
- Weight: 0.6 lbs (0.3 kg)

**FOUR INDEPENDENT ZONES:**

- Each zone has 1 RJ45 connector for MRC44 keypad, 1 composite video output, 1 speaker pair terminal, 12VDC status output.
- Multiple zones can be linked to behave as one zone.
- 25 Watts per channel @ 8 ohms (4 ohm capable)
- Frequency response: 12 Hz to 55KHz ( $\pm 3$ dB)
- THD: <0.08%.
- Signal-to-noise ratio: > 96dB A-weighted

**CENTRAL PROCESSOR:**

- Internal memory (32 Kbytes E<sup>2</sup> PROM) for storing IR codes.
- Recognizes RC68+ Commands to initiate IR output.
- Outputs single IR commands or IR sequences.
- IR learning eye on back panel of Controller/ Amplifier for Dragon Drop-IR. (Learn IR codes)
- DB-9 RS232 Serial port for programming and expansion to up to eight zones.
- Also available in 230 VAC / 50 Hz.

**FOUR AUDIO/VIDEO SOURCE INPUTS:**

- Current sensing (min 20mA to max10A) for each input for power management of common source components and future control modules (CSM1 sold separately)
- 4 gold plated stereo RCA inputs
- 4 gold plated composite video RCA inputs with video sensing (supports NTSC + PAL)

**APPROVALS / CERTIFICATIONS:**

- CE
- ETL
- FCC
- C Tick

**FIVE IR EMITTER PORTS:**

- Four source specific IR emitter ports and one common IR output.
- Emitters can be used as common outputs or for priority lockout and IR routing.
- Adjustable IR output strength