MRC/MRAUDIO/BXAUDIO SPECIFICATIONS CHART

FEATURES	MRAUDIO4X4	MRC44CTL	MRAUDIO8X8m	MRC88m
Source Inputs	4 Audio	4 Audio / 4 Video	8 Audio	8 Audio / 8 Video
Zone Outputs	4	4	8	8
Local Zone Audio Inputs	N/A	N/A	8	8
Amplifier Output (#Channels / Power Rating)	4 Zones: 8 - 25w/CH (35W Peak @8ohms)	4 Zones: 8 - 25w/CH (35W Peak @8ohms)	6 Zones: 12 - 35w/CH (55WPeak @8ohm)	6 Zones: 12 - 35w/CH (55WPeak @8ohm)
Pre Amp Outputs	NO	NO	Yes (all 8 Zones) Fixed or Variable	Yes (all 8 Zones) Fixed or Variable
Video Zone Output	N/A	Composite	N/A	Composite
PC Programmable	Yes	Yes	Yes	Yes
XPS Direct IR Programming	NO	NO	NO	NO
Intelligent Power Management	Yes*	Yes*	Yes*	Yes*
Routable Emitter Ports	4 Source Emitters	4 Source Emitters	16 (8 Source Emitters / 8 Zone Emitters)	16 (8 Source Emitters / 8 Zone Emitters)
Common Emitter Port	Yes	Yes	Yes	Yes
Emitters Included	4-283M	4-283M	8-283M	8-283M
RS232 Support	NO	NO	Yes, 2 bidirectional routable ports (Expandable to 16 using RS2321X8 Router)	Yes, 2 bidirectional routable ports (Expandable to 16 using RS2321X8 Router)
Macro Trigger Ports (Contact Closure or 12VDC Trigger)	4 Max	4 Max	8 Max	8 Max
Doorbell / Page Support	NO	NO	Yes	Yes
Dimensions:	Height: 4" (81mm) Width: 17" (432mm) Depth: 11.5" (292mm)	Height: 4" (81mm) Width: 17" (432mm) Depth: 11.5" (292mm)	Height: 7.5" (189mm) Width: 17" (429mm) Depth: 15.75" (400mm)	Height: 7.5" (189mm) Width: 17" (429mm) Depth: 15.75" (400mm)
Weight:	Weight: 22.75 lbs (10.34 kg)	Weight: 22.75 lbs (10.34 kg)	Weight: 45 lbs (20.4 kg)	Weight: 45 lbs (20.4 kg)
Expandable	Yes	Yes	Yes	Yes
Available 230 VAC / 50 Hz	Yes	Yes	Yes	Yes

Additional components may be required. See Sensor Modules, Page 45 for more details.

Multi-Zone Distribution and Control

Xantech

Multi Room Distribution Quick Reference

8 Zone 8 Source with video MRC88m

8 Zone 8 Source...MRAUDIO8x8m

4 Zone 4 Source with video MRC44

4 Zone 4 Source MRAUDIO4x4

FOUR ZONE/FOUR SOURCE AUDIO CONTROLLER/AMPLIFIER

The MRAUDIO4X4CTL allows IR control of up to four source components distributed to four zones.

- Four Audio inputs
- Expandable to eight zones
- 2x25W/Ch per zone audio amplification
- Controlled through dedicated MRC44 keypads as well as SPLCD SmartPad LCD™
- Easily programmed through Universal Dragon-Drop IR™ software
- Programmable macros allow simplified device control
- Intelligent Power Management for positive device control
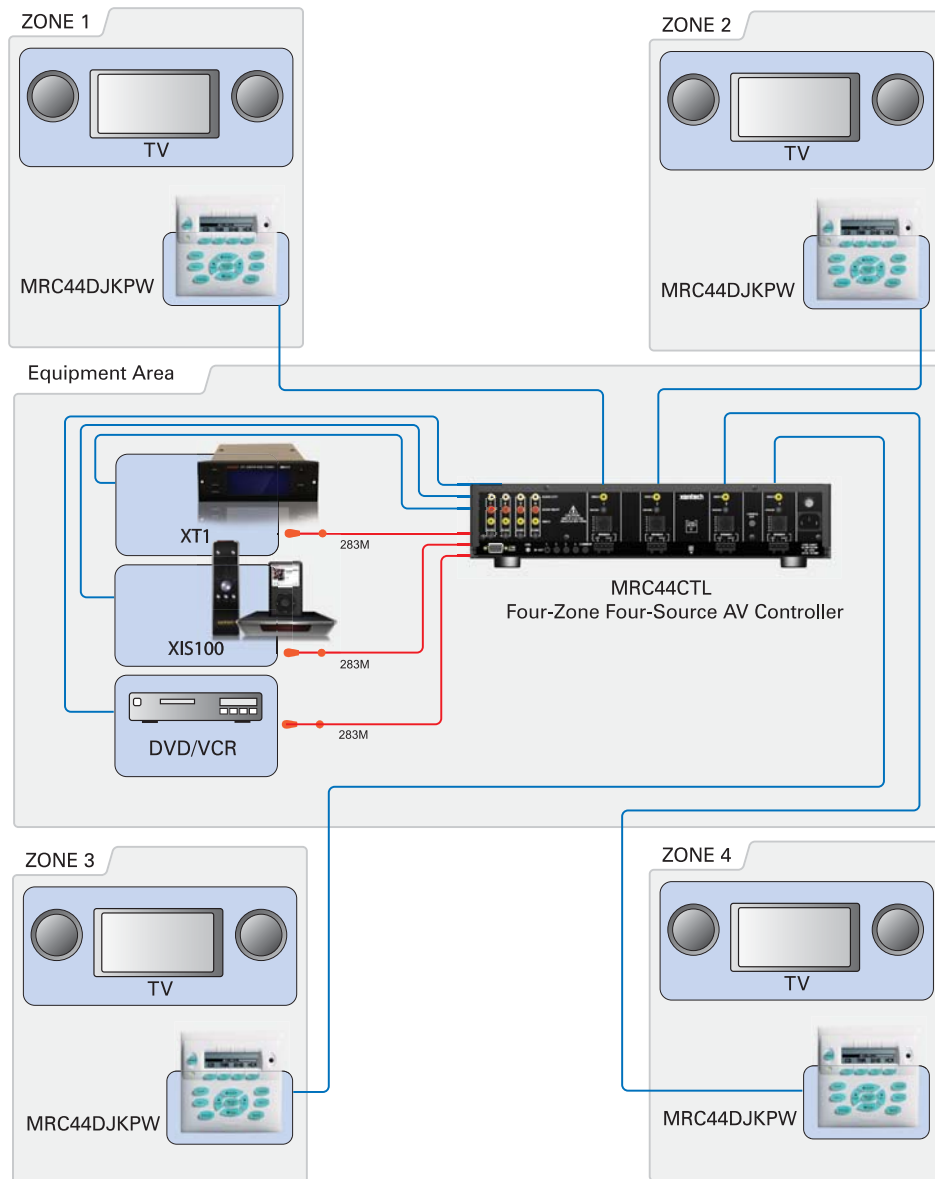- Volume and EQ status feedback through MRC44 keypads

Order MRAUDIO4X4CTL

Speaks Dragon

MRAUDIO4X4CTL SYSTEM DIAGRAM

ZONE 1

MRC44DJKPW

ZONE 2

MRC44DJKPW

Equipment Area

XT1

283M

XIS100

283M

CD Player

283M

MRAUDIO4X4CTL
Four-Zone Four-Source Audio Controller

ZONE 3

MRC44DJKPW

ZONE 4

MRC44DJKPW
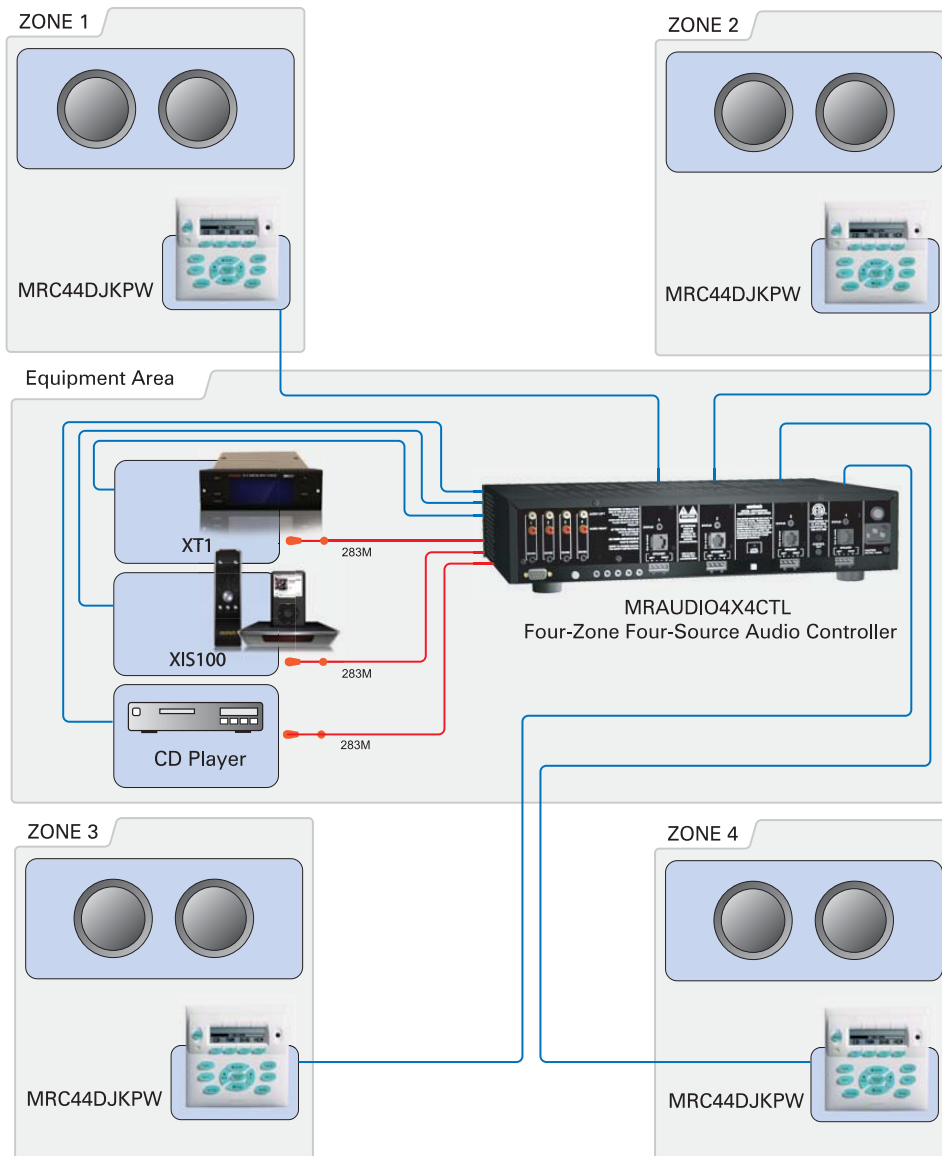
The Xantech MRAUDIO4X4 creates four separate listening zones where each zone can select a different source.

Multi-Zone Distribution and Control

FOUR ZONE/FOUR SOURCE AUDIO/VIDEO CONTROLLER/AMPLIFIER

The MRC44CTL allows IR control of up to four A/V source components distributed to four zones.

- Four Audio inputs
- Four Video inputs
- Expandable to eight zones
- 2x25W/Ch per zone audio amplification
- Controlled through dedicated MRC44 keypads as well as SPLCD SmartPad LCD™
- Easily programmed through Universal Dragon-Drop IR™ software
- Programmable macros allow simplified device control
- Intelligent Power Management for positive device control
- Volume and EQ status feedback through MRC44 keypads

Order: MRC44CTL

Speaks Dragon

MRC44CTL SYSTEM DIAGRAM

ZONE 1
TV
MRC44DJKPW

ZONE 2
TV
MRC44DJKPW

Equipment Area

XT1
283M

XIS100
283M

DVD/VCR
283M

MRC44CTL
Four-Zone Four-Source AV Controller

ZONE 3
TV
MRC44DJKPW

ZONE 4
TV
MRC44DJKPW

Watch what you want where you want it with the MRC44CTL System

Multi-Zone Distribution and Control

EIGHT ZONE/EIGHT SOURCE AUDIO CONTROLLER/AMPLIFIER

The MRAUDIO8X8M is an eight-source, eight-zone audio distribution amplifier that allows the control and distribution of eight separate source components to 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. The MRAUDIO8X8M offers many improvements over the MRAUDIO8X8CTL.

- • Eight Audio inputs
- • Eight zone-specific stereo pre amp outputs
- • Expandable to 16 zones
- • Six zones (2x35W/Ch); Two zones pre amp out only
- • Improved response speed to queries and commands.
- • Up to seven (7) lines of meta-data are available with the SPLCD64V SPLCD64G and SPLCD39G. Information obtained from sources.
- • Intelligent Power Management for positive device control through current sense on all 8 source inputs
- • 16 routable IR ports
- • Will contain the next generation IR code library.

Speaks Dragon

Order: MRAUDIO8X8m

The Xantech MRAUDIO8X8m System delivers music to eight zones

ZONE 1

ZONES 1 THROUGH 6

ZONE 6

MRC88DJKPW

MRC88DJKPW

EQUIPMENT AREA

XT1

283M

XIS100

283M

CD

283M

UP TO EIGHT SOURCES

MRAUDIO8X8m   CONTROLLER
EIGHT-ZONE EIGHT-SOURCE AUDIO CONTROLLER

PA435X AMPLIFIER

ZONE 7

ZONE 8

MRC88DJKPW

MRC88DJKPW

Multi-Zone Distribution and Control
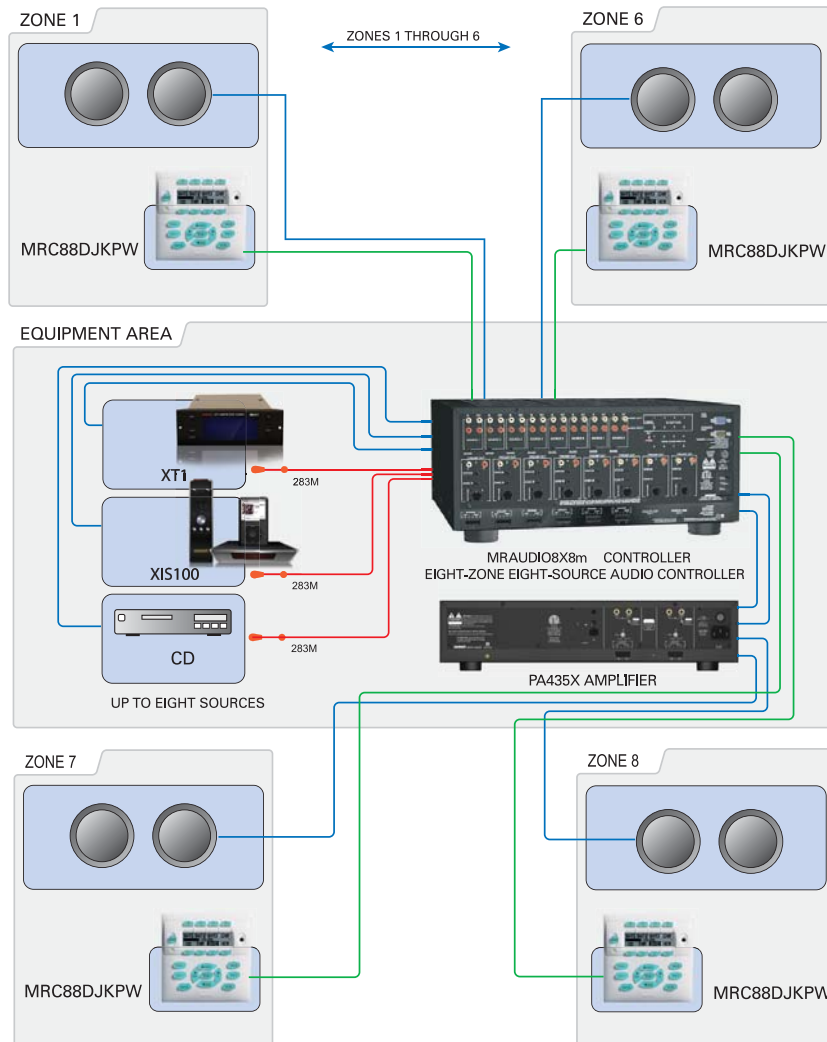
EIGHT ZONE/EIGHT SOURCE AUDIO/VIDEO CONTROLLER/AMPLIFIER

The MRC88m is an eight-source, eight-zone A/V distribution amplifier that allows the control and distribution of eight separate source components to 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. The MRC88m offers many operational improvements over the MRC88.

- Eight Audio inputs
- Eight Video inputs
- Eight zone-specific stereo pre amp outputs
- Expandable to 16 zones
- Six zones (2x35W/Ch); Two zones pre amp out only
- Controllable through SPLCD SmartPad LCD™ as well as dedicated MRC88 keypads
- Easily programmed through Universal Dragon-Drop IR™ software
- Programmable macros allows simplified device control
- Intelligent Power Management for positive device control through video and current sense on all 8 source inputs
- 16 routable IR ports
- Two routable bi-directional RS232 ports
- Also available in 230 VAC / 50 Hz.
- Contains Larger memory for your projects compared to the MRC88.
- Improved response speed to queries and commands.
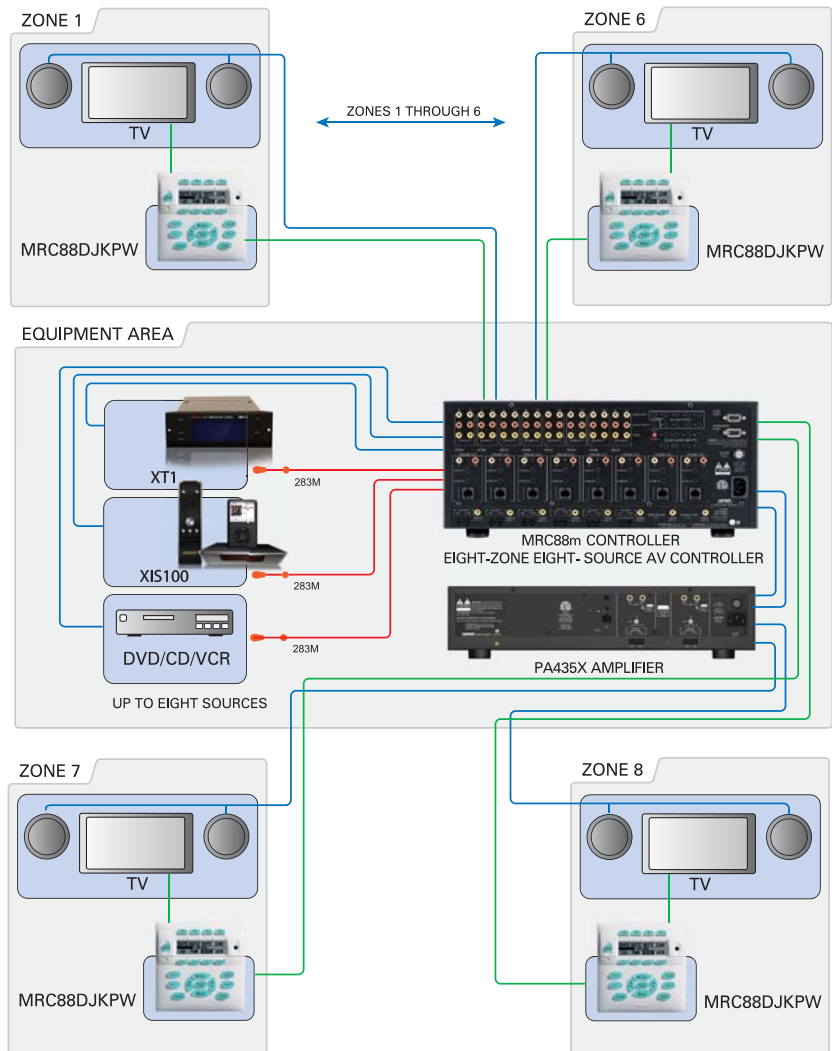- The MRC88m will contain the next generation IR code library.

Speaks Dragon

Order: MRC88m

Xantech gives you the ability to distribute Audio and Video to eight areas.

ZONE 1 — TV — MRC88DJKPW
ZONES 1 THROUGH 6
ZONE 6 — TV — MRC88DJKPW

EQUIPMENT AREA
XT1 — 283M
XIS100 — 283M
DVD/CD/VCR — 283M
UP TO EIGHT SOURCES

MRC88m CONTROLLER
EIGHT-ZONE EIGHT- SOURCE AV CONTROLLER
PA435X AMPLIFIER

ZONE 7 — TV — MRC88DJKPW
ZONE 8 — TV — MRC88DJKPW

Multi-Zone Distribution and Control

Multi-Zone Distribution and Control

HAND-HELD LCD TOUCHSCREEN REMOTE

The XTR39 is a stylish, simple-to-use remote control that can be personalized via its vivid full color 3.9" touchscreen display: button layout can be customized; easily identified icons created for virtually any function or command; and multiple screen pages allow less frequently used buttons to be concealed.

- Vivid 3.9" Color LCD touchscreen display
- Fully customizable screen graphics and functions
- Capable of controlling virtually every major home system
- Hard buttons for frequently used commands
- Four easy access programmable macro buttons
- Comes complete with power supply and charging cradle

Order: XTR39

Speaks Dragon

RF BASE STATION FOR XTR39

The RF2IR* base station is the ultimate accessory to the Xantech XTR39 Color LCD remote control. It's a receiver that accepts the Radio Frequency output of the XTR39 remote and translates it into IR and RS232 command signals that can control virtually any home electronic device. The RF2IR makes it simple to set up a reliable and sophisticated multi-room control system that is easily controlled by the intuitive LCD touchscreen control of the XTR39 remote.

- Control your components up to 100 feet away** even through walls!
- Plasma, LCD, and Sunlight proof operation
- RF signal based on the dependable IEEE 802.15.4 standard
- 16 selectable sub-channels ensure interference-free operation
- Single XTR39 can control up to 256 RF2IR base stations for virtually limitless control possibilities
- Four routable IR outputs make it simple to control the source components of virtually any home entertainment system
- RS232 output makes it possible to control display devices, lighting controls and more with discrete command codes for performance
- Selectable front panel IR 'Blaster'
- Comes complete with (1) power supply (4) 283M IR Emitters (1) RS232 Cable

Order: RF2IR

Speaks Dragon

*RF2IR and XTR39 are sold separately **Depending on local conditions, range may vary

Xantech®

MRC88m - MRAUDIO8X8m KEYPAD WITH LCD DISPLAY

- Flush-mount in dual gang J-box
- Keypad dimensions (W, D, H) 5" x 1.5" x 5"
- Keypads have LCD Screen for Source Status and Source Feedback Display
- Backlit function buttons for ease of use in low light situations
- Keypad connection to controller/amplifier via CAT5 cable terminated with RJ45 connectors
- Maximum 4 keypads per zone
- Available in white, almond, ivory and black

    Order Almond: MRC88DJKPA

    Order Black: MRC88DJKPB

    Order Ivory: MRC88DJKPI

    Order White: MRC88DJKPW

MRC44CTL - MRAUDIO4X4CTL KEYPAD WITH LCD DISPLAY

- Flush-mount in dual gang J-box
- Keypad dimensions (W, D, H) 5" x 1.5" x 5"
- Keypads have LCD Screen for Source Status and Source Feedback Display
- Backlit function buttons for ease of use in low light situations
- Keypad connection to controller/amplifier via CAT5 cable terminated with RJ45 connectors
- Maximum 4 keypads per zone
- Available in white, almond, ivory and black

    Order Almond: MRC44DJKPA

    Order Black: MRC44DJKPB

    Order Ivory: MRC44DJKPI

    Order White: MRC44DJKPW

Multi-Zone Distribution and Control

HAND-HELD REMOTE

- Preprogrammed remote designed to work with the MRC88, MRC44 & BXAUDIO
- No programming required. Works right out of the box.
  Order: MRCREMRP

MRC KEYPAD SPLITTER

- Allows two MRC keypads to be used in a zone without the need to "daisy-chain" them
- Allows each keypad wire to be "home-runned" to the MRC Controller
- Provides additional IR receiver input
  Order: MRCKPSP

SPEAKER LEVEL TO LINE LEVEL CONVERTER

- Converts speaker level output to line level
- Use with amp outputs of MRC44/MRAUDIO44 for use with auxiliary amplifier
  Order: SLLC1

MRC44CB1 CONNECTING BLOCK

- Add external Xantech IR Receivers in conjunction with MRC44/88 Keypads
- Extend maximum distance of secondary MRC keypad to 600 feet
- External power supply selector jumper enables use of external 12V supply
  for longer cable runs and applications requiring higher current capacity supplies
- Requires 782ERGPS Power Supply
  Order: MRC44CB1

ZONE AUDIO INPUT KIT

Allows Zone Audio and Video connection with IR control. Perfect for connecting local in-room source equipment to an A/V distribution system through Cat 5 cable over 300' away
- Fits in single gang J-box
- Connections for Composite Video, Stereo Audio, IR control
- Comes complete with power supply
  Order: ZAKIT

ZONE AUDIO TRANSMITTER

- Single gang Decora style plate
- Transmit line level audio over CAT5 cable up to 300'
  Order: ZATRAN

ZONE AUDIO RECEIVER

- Allows up to eight local audio inputs to be elegantly connected to the Zone Audio Inputs
  on a MRC/MRAUDIO Controller
- Accepts input of up to eight ZATRAN Zone Audio Transmitters
  Order: ZA8REC

MRC88m - MRAUDIO8X8m 15-pin to 9-pin EXPANSION CABLE

- 15-pin to 9-pin expansion cable for use with MRC88CTL/MRAUDIO8X8
- Enables expansion port to be used with XMUSIC, XDT or any RS232 device
  Order: 05913665

NULL MODEM EXPANSION CABLE

Used for MRC44CTL / MRAUDIO4X4 / BXAUDIO4X4 expansion.   **Order: 05913560**

Multi-Zone Distribution and Control

DOORBELL PAGING CONTROLLER

- Combines existing home phone system and MRC88m/MRAUDIO8X8m to provide whole-house paging and doorbell capability
- Add Doorbell Communicator and Doorbell Communicator Hub to the Doorbell Paging Controller on a MRC88m/MRAUDIO8X8m system for a complete entry control and paging solution.
- Complete with power supply

Order: DPC100

DOORBELL COMMUNICATOR

Single-gang mounted entry intercom and doorbell
- Use with Doorbell Communicator Hub to add whole-house doorbell capability and entry intercom to a MRC88m/MRAUDIO8X8m system
- Available in Stainless Steel or Oil Rubbed Bronze
- Requires Doorbell Communication Hub DCH4

Order Stainless Steel: DCSS

Order Bronzed Black: DCCBB

DOORBELL COMMUNICATOR HUB

Keyless entry controller for use with the MRC88CTL/MRAUDIO8X8CTL controller
- Answer and open up to 4 doors or gates from your nearest phone
- Provides two different door chimes and whole-house paging when combined with DPC100 and MRC88m/MRAUDIO8X8m
- Allows whole-house doorbell capability with MRC88m/MRAUDIO8X8m
- Use with Doorbell Communicator DCSS or DCBB
- Complete with power supply

Order: DCH4

Multi-Zone Distribution and Control
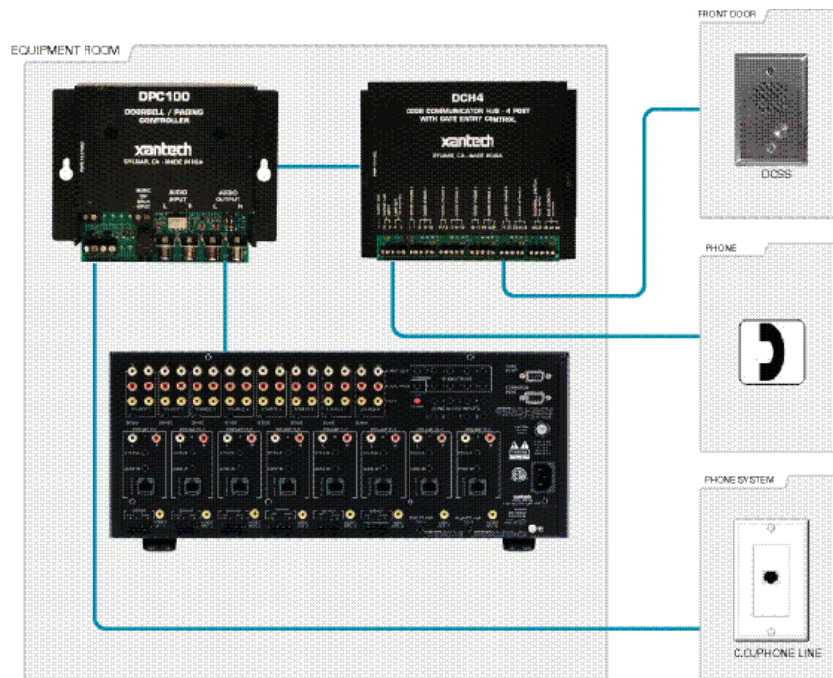
ETHERNET MRC88m CONTROL INTERFACE

Xantech's technical advances have led to the creation of the MRWC Multi-Room Web Controller. Right out of the box, the MRWC is capable of controlling Xantech's award-winning MRC88m and MRAUDIO8X8m distribution amplifiers from a web-based platform. The integrated web server enables Xantech products to be accessed, monitored and controlled from any computer connected to a Local Area Network (LAN)

- RS232/422/485 Serial ports – Fully configurable bi-directional serial port to control A/V devices.
- Integrated Web server – The MRWC features a built-in webpage to control Xantech products.
- Multi-user support – Advanced operating system supports multiple, non-exclusive, connections from several computers simultaneously. Access via a maintenance kiosk and laptop computer can occur at the same time.
- Comes complete with power supply.

Order: MRWC

ZONE 1

ZONE 6

ZONES 1 THROUGH 6

EQUIPMENT ROOM

MRC88m

ETHERNET

RS232

ETHERNET ROUTER

MRWC

LAPTOP

xantech ®