

# INSTALLATION INSTRUCTIONS

## ZA8REC Zone Audio Receiver

### DESCRIPTION

The ZA8REC is a zone audio receiver with 8 independent inputs. When used with the ZATRAN (not included), the Zone Audio system can transmit line level audio long distances over CAT5 cable. The advantage of the ZA8REC is it allows the installer to elegantly connect audio source components located in the zone to Xantech's line of multi-room controllers such as the MRC88 and MRAUDIO8X8.

Balanced differential line driver circuits ensure noise-free connections from audio sources located up to 300 feet away! The ZA8REC's built-in IR interface allows control of the remotely located source, and works flawlessly with Xantech's IR distribution components and multi-room controllers.



### SPECIFICATIONS

- Input Level: 0 to 2.0Vpp
- Frequency Response:  $\pm 0.5$ dB 20Hz to 20kHz
- THD+N: 0.01%
- IR Input/Output Levels: +12V
- IR Bandwidth: 30kHz to 100kHz
- Wire Requirements: CAT5, or 4 twisted pair 22AWG
- Use in conjunction with ZATRAN (not included)
- Power, +12VDC, 750mA (not included, suggest Xantech 782-00 Power Supply)

# INSTALLATION - iPod® mobile digital device

Figure 1 shows an application where the remotely located source is an iPod® player. A similar portable audio device can also be used.

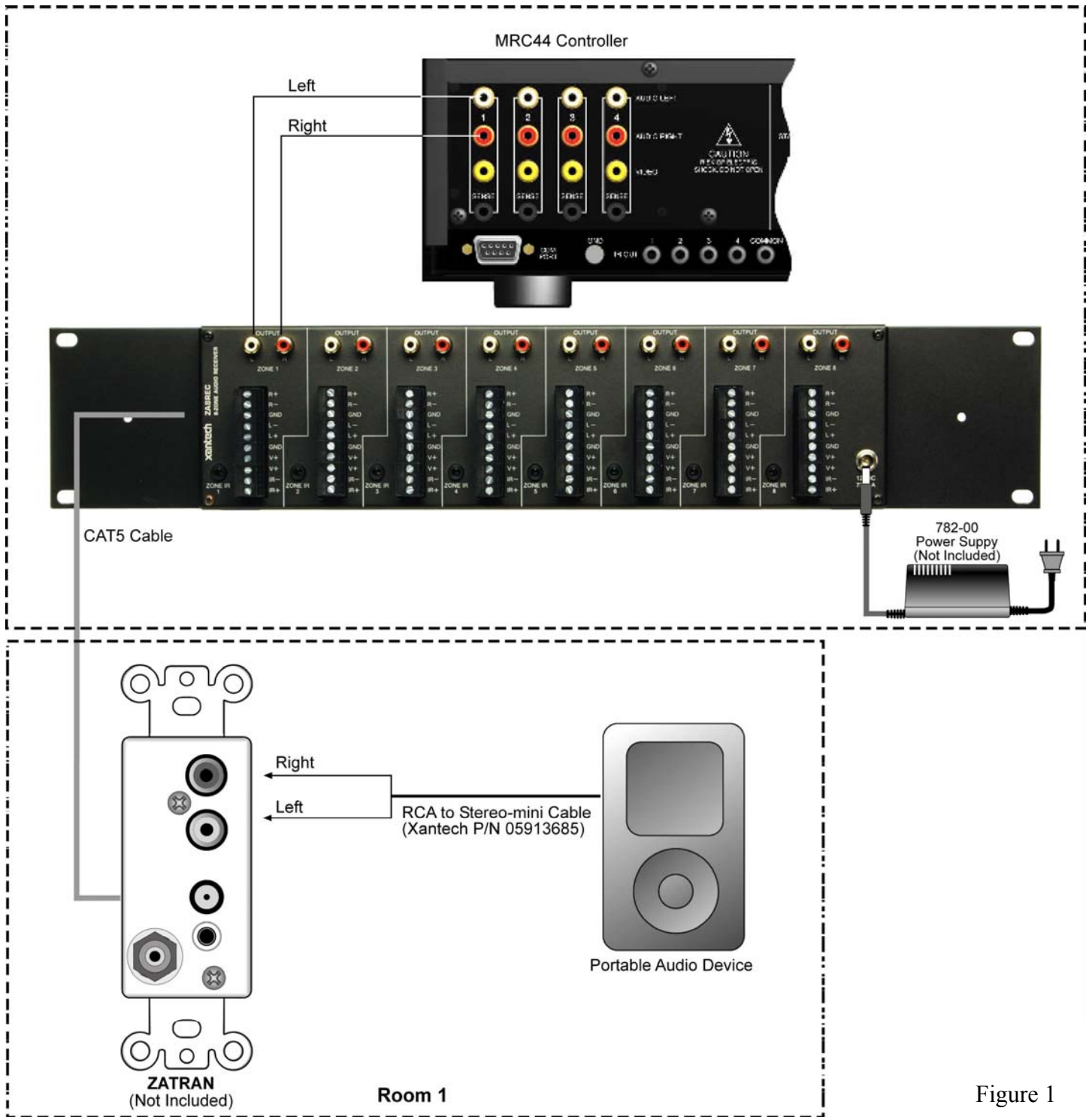


Figure 1

## INSTALLATION – Remotely Located Audio Component

Figure 2 shows a typical application where the remotely located source is a CD player or similar audio device.

The remotely located source component can be controlled by affixing the 283M mouse emitter (included) onto the IR sensor window. The MRC88 Controller can now control the source component just as if it were in the same room.

Please refer to the MRC88 Installation Instructions (P/N 08901180) for information on how to use the “ZONE IR” and “ZONE AUDIO INPUT” connections.

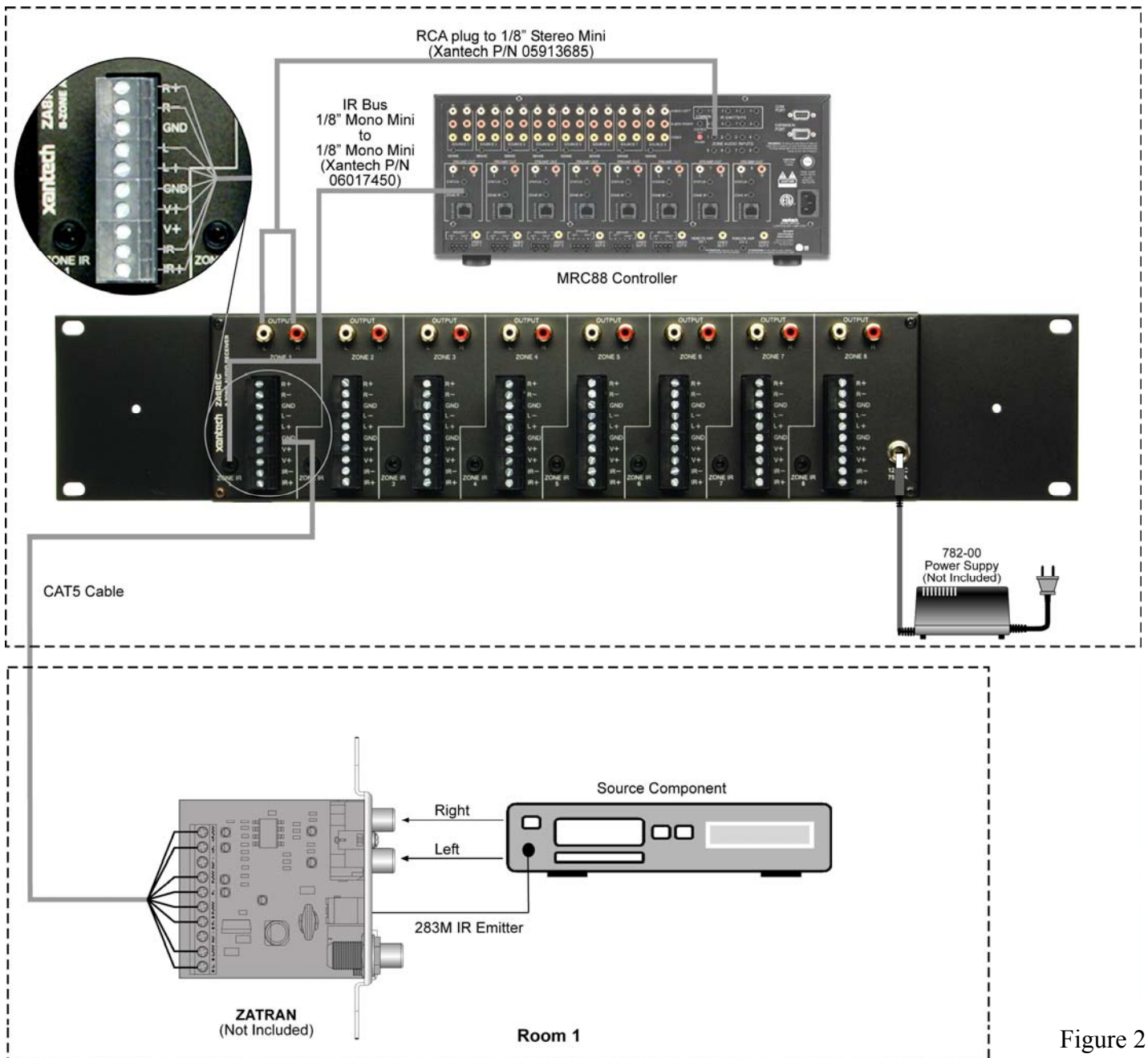


Figure 2

## INSTALLATION – ZA8REC and ZATRAN Wiring

The connection between the 'receive' and 'send' devices can be made using a CAT5 cable. Figure 3 shows the recommended wire color-coding connection as per the sticker located on the WECO screw terminal.



Figure 3

"BL" – Blue	"OR" – Orange
"BL/W" – Blue/White	"OR/W" – Orange/White
"BR" – Brown	"GR" – Green
"BW/W" – Brown/White	"GR/W" – Green/White
	"N/C" – No Connection

### REPAIRS:

#### TECHNICAL SUPPORT PRE-AUTHORIZATION

Certain products require a Pre-Authorization from our Technical Support Department prior to a Return Authorization (RA) being issued. Please call our Technical Support Department at 800 843-5465 Extension 2 if you have a problem with any of the following products: Any MRC Controller or Keypad, SmartPad LCD (any model), ZPR68 (any version), 49090, 78090, any PA series amplifier, PM110, LM110, WPK (any version), DD4, GateKeep-IR (any version), RT8, RT16, RAT1, URC2 (any version), MAC1, IRS232, IRS232A, RS232IR, RS2321X8, Xtralink-IP 172 series, 590-10, XDT, PMX/LMX, and BXAUDIO. Technical Support will transfer your call to the Sales Department to complete the TRA process.

#### LIMITED WARRANTY

Xantech warrants its products to be free of defects in materials or workmanship. This warranty extends for one year from the date of purchase by the consumer. Any products returned freight prepaid to Xantech and found to be defective by Xantech within the warranty period will be repaired or replaced, at Xantech's option, at no charge. Xantech will not be responsible for the actual cost of installation or removal of the product, nor for any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights. You may have additional rights which vary from state to state.

XANTECH CORPORATION  
13100 Telfair Avenue  
Sylmar, CA 91342  
Phone 818-362-0353 Fax 818-362-9506  
[www.xantech.com](http://www.xantech.com)

Part No. 08901677 Rev X3 02-23-06  
© 2006 Xantech Corporation