

# 2008

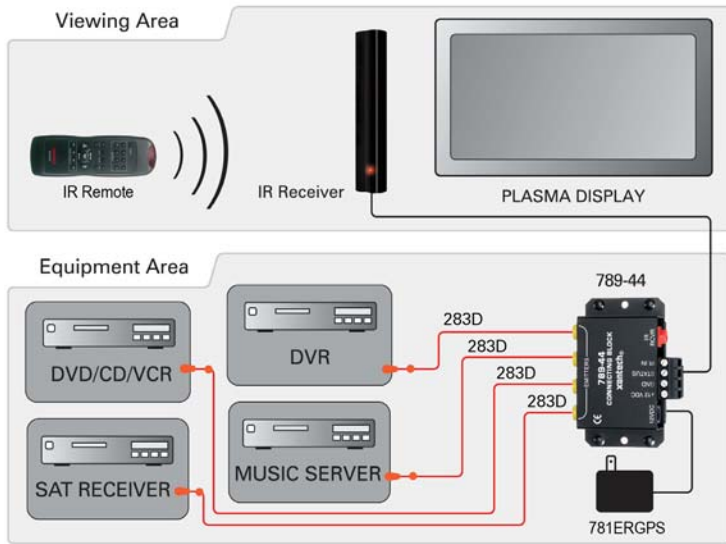
# xantech

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xantech®

## BASIC IR REPEATER APPLICATION DIAGRAM

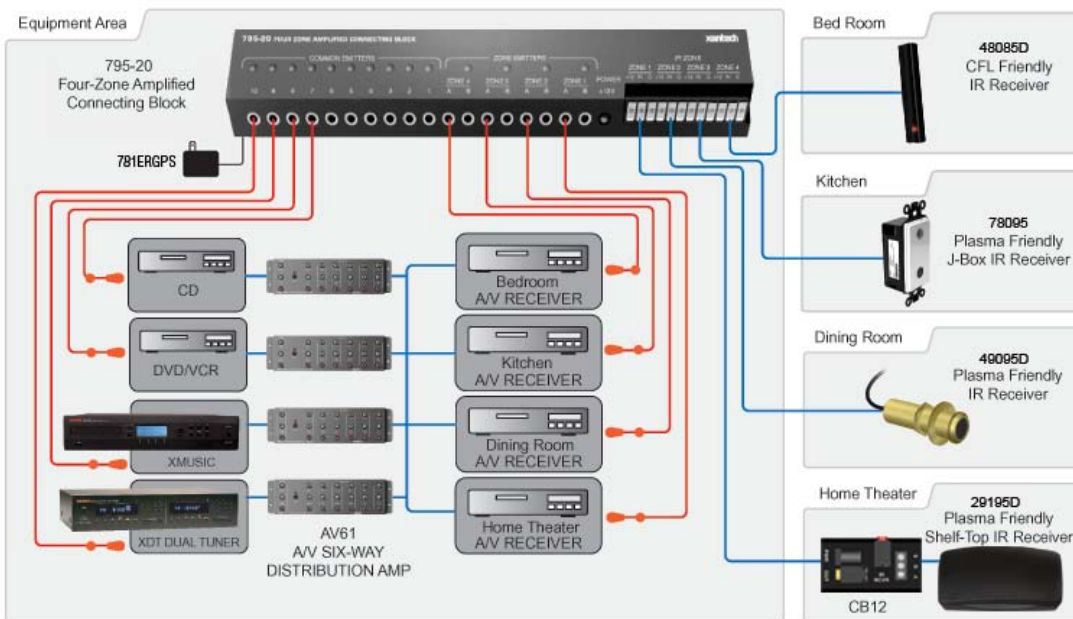


### PLASMA PROOF DINKY LINK™ KIT Page 5

- Prepackaged kit includes:
  - (1) 480-95D Dinky Link
  - (1) 789-44 Connecting Block
  - (1) 781ERGPS Power Supply
  - (4) 283D Visible Designer Emitters

The Plasma Proof Dinky Link is an easy to install, surface mount IR Receiver that eliminates IR interference from Plasma Displays that can affect system control. This allows control an entire rack of equipment whether it's just out of sight or in another room. Place the A/V equipment in a separate location for a clean and professional looking installation

## MULTI-ZONE A/V & SURROUND AUDIO SYSTEM DIAGRAM



**TO PURCHASE THE PERFECT IR SYSTEM, SIMPLY FOLLOW THESE 3 STEPS:**

**Step 1:** Choose the right IR receiver - What type of TV/Video Display or just Video Display technology is in the system?

**Plasma Proof IR Receivers:** Use when Plasma Displays or direct sunlight/compact fluorescent lights are present. Plasma displays emit infrared light that interferes with IR controls. Xantech's patented Plasma Proof IR Receivers eliminate this interference

**LCD/CFL Proof IR Receivers:** Use when LCD Displays or direct sunlight/compact fluorescent lights are present. LCD displays emit light wavelengths that interfere with IR carrier frequencies. Xantech's exclusive frequency range adjustment eliminates this problem.

**Standard IR Receivers:** The most commonly used IR receivers. Work great with DLP, standard CRT video and rear-projection displays.

**Step 2:** Select the right IR receiver style

Xantech has a variety of receiver styles to choose from:



291 Series Hidden Link™ Shelf-top

490 Series Micro Link™ Peephole style

*\*Not available in kit*



480 Series Surface Mount Dinky Link™

780\* Series J-box Receiver

**Step 3:** Choose the right IR Receiver Kit

Select one of the following IR Receiver kits

or put together your own kit by selecting the proper IR receiver and either the 4 source or 10 source IR Ready connecting block/emitter package. (IRDY4KIT, IRDY10KIT see p5.)

**PLASMA PROOF IR RECEIVER KITS — US Patent Approved**

Use when Plasma Displays or direct sunlight/compact fluorescent lights are present. Plasma displays emit infrared light that interferes with IR controls. Xantech's patented Plasma Proof IR Receivers eliminate this interference.

**DINKY LINK PLASMA PROOF IR RECEIVER KIT**

- Prepackaged kit includes:
 

(1) 48095D Dinky Link	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order Black: 48095DBKIT    Order White: 48095DWKIT    Order Silver: 48095DSKIT**



**SHELF-TOP PLASMA PROOF IR RECEIVER KIT**

- Prepackaged kit includes:
 

(1) 29195D Shelf Top	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order Black: 29195DBKIT    Order White: 29195DWKIT    Order Silver: 29195DSKIT**



**MICRO LINK PLASMA PROOF IR RECEIVER KIT**

- Prepackaged kit includes:
 

(1) 49095D Peephole-Style	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order: 49095DKIT**



## LCD/CFL PROOF IR RECEIVER KITS

Use when LCD Displays or direct sunlight/compact fluorescent lights are present. LCD displays emit light wavelengths that interfere with IR carrier frequencies. Xantech's exclusive frequency range adjustment eliminates this problem.

### DINKY LINK LCD/CFL IR RECEIVER KIT

- Prepackaged kit includes:
 

(1) 480-85D Dinky Link	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order Black: 48085DBKIT    Order White: 48085DWKIT    Order Silver: 48085DSKIT**



### SHELF-TOP LCD/CFL IR RECEIVER KIT

- Prepackaged kit includes:
 

(1) 291-85D Shelf-Top	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order Black: 29185DBKIT    Order White: 29185DWKIT    Order Silver: 29185DSKIT**



### MICRO LINK LCD/CFL IR RECEIVER KIT

- Prepackaged kit includes:
 

(1) 490-85D Peep Hole	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order: 49085DKIT**



## DLP/CRT STANDARD IR RECEIVER KITS

### DINKY LINK QUICK CONNECT IR RECEIVER KIT

- Prepackaged kit includes:
 

(1) 480-10D Dinky Link	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order Black: 48010DBKIT    Order White: 48010DWKIT    Order Silver: 48010DSKIT**



### SHELF-TOP IR RECEIVER KIT

- Prepackaged kit includes:
 

(1) 29110D Shelf Top	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order Black: 29110DBKIT    Order White: 29110DWKIT    Order Silver: 29110DSKIT**



### MICRO LINK IR RECEIVER KIT

- Prepackaged kit includes:
 

(1) 49010D Peep Hole Style	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283D Visible Designer Emitters

**Order: 49010DKIT**



## 172 XTRA LINK2™ IR OVER COAX RECEIVER KIT

The Xtra Link 2 system provides full IR remote control operation of most IR controlled devices from a second room using the same coaxial cable that carries the TV RF signal from the source equipment located in the main room to the second room. Easily hooks-up in minutes without tools. All necessary parts are included. Double the value of your source components by controlling them from another room with the Xtra Link 2 system.

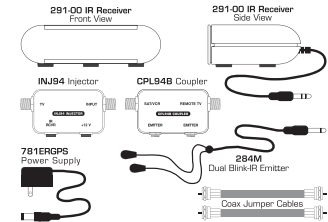
### IR OVER COAX DLP/CRT SHELF-TOP IR RECEIVER KIT

- Standard Broadband IR Receiver Kit over COAX

The complete 172 Xtra Link2 package includes the following:

- (1) 291 Infrared Receiver
- (1) CPL94B Coupler
- (1) 286D Dual Visible Designer emitter
- (1) 781ERGPS 12V Power Supply
- (2) Coax jumper cables with RF connectors

**Order: 17294KITRP**



### IR OVER COAX Xpansion Kit

172-94X kits are used along with one standard 172-94 when installing Xtra Links in more than one room to avoid duplication of couplers, emitters and coax jumper cables

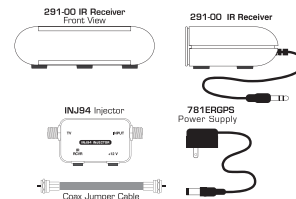
- Xtra Link2 Xpansion Kit Includes:

- (1) 291 Infrared Receiver
- (1) INJ94 Injector
- (1) 781ERGPS Power Supply
- (1) Coax jumper cable with RF connectors

- 172-94X kits are used along with one standard 172-94 when installing Xtra Links in more than one room.

This avoids duplication of couplers, emitters and coax jumper cables

**Order: 17294XRP**



### IR RF BYPASS KIT

• The BYPASS kit is an advance accessory to the Xtra Link 2 system. All necessary parts are included for advance installations where the IR control signals need to be routed around RF amplifiers and non-DC passing splitters.

- Kit contains two CPL10's, one jumper cable with a 3.5mm mini mono plug on each end and two short RG-59 cables with "F" connectors on each end

**Order: BYPASS94**

### INJ94 RF/IR INJECTOR

- The INJ94 is an expansion accessory to the Xtra Link 2 system. This additional component can be used for expanding installations where IR control signals need to be injected from additional areas along the coaxial cable. Requires a 781ERGPS power supply and any Xantech IR receiver (w/ 3.5mm stereo mini plug).

**Order: INJ94**

## IRDY IR READY KITS

Add any Xantech IR Receiver for a complete IR system.

### IR READY FOUR SOURCE KIT

New Xantech IRDY KITS contain the building blocks for a basic IR system. Select an IRDY KIT for either four or ten source components, and then match it with the right Xantech IR receiver for the job. Kit Includes :

- (4) 283D Visible Designer Emitters
- (1) 781ERGPS 12V Power Supply
- (1) 789-44 Connecting Block

**Order: IRDY4KIT**



### IR READY TEN SOURCE KIT

Kit Includes

- (10) 283D Visible Designer Emitters
- (1) 781ERGPS 12V Power Supply
- (1) 791-44 Connecting Block

**Order: IRDY10KIT**



## PLASMA PROOF IR RECEIVERS

*Individual IR Receivers can be added to IR Receiver Kits, IRDY Kits or any Xantech IR Connecting Block.*

Use when Plasma Displays or direct sunlight/compact fluorescent lights are present. Plasma displays emit infrared light that interferes with IR controls. Xantech's patented Plasma Proof IR Receivers eliminate this interference.

### DINKY LINK PLASMA PROOF IR RECEIVER

- Designed to work with plasma displays - Attaches discretely to front of TV
- Extremely small package, 7/16" x 5/16" x 2 1/2" (11mm x 8mm x 64mm)
- Talkback LED for system tests
- IR input bandwidth: 30 - 100 kHz
- Nominal reception range: > 50 feet
- US Patent Approved



**Order Black: 48095DB   Order White: 48095DW   Order Silver: 48095DS**

### SHELF-TOP PLASMA PROOF IR RECEIVER

- Designed to work with plasma displays - Place on shelf-top or cabinet near TV
- Compact package: 3 1/4" x 1" x 2" (83mm x 26mm x 51mm)
- Talkback LED for system tests
- IR input bandwidth: 30 - 100 kHz
- Nominal reception range: > 50 feet
- US Patent Approved



**Order Black: 29195DB   Order White: 29195DW   Order Silver: 29195DS**

## PLASMA PROOF IR RECEIVERS

Individual IR Receivers can be added to IR Receiver Kits, IRDY Kits or any Xantech IR Connecting Block.

### MICRO LINK PLASMA PROOF IR RECEIVER

- Designed to work with plasma displays - Peephole-Style installs in cabinet doors or walls
- Dimensions:  $\frac{3}{4}$ " (19mm) diameter, 2" (51mm) deep
- Talkback LED for system tests
- IR input bandwidth: 30 - 100 kHz
- Nominal reception range: > 50 feet
- US Patent Approved
- Includes Brass, White and Black bezels



**Order: 49095D**

### J-BOX PLASMA PROOF IR RECEIVER

- Designed to work with plasma displays
- Fits standard decora J-box (Decorator trim plate not included)
- Talkback LED for system tests
- IR input bandwidth: 30 - 100 kHz
- Nominal reception range: > 50 feet
- US Patent Approved



**Order: 78095**

Individual IR Receivers can be added to IR Receiver Kits, IRDY Kits or any Xantech IR Connecting Block.

## LCD/CFL PROOF IR RECEIVERS

### DINKY LINK LCD/CFL PROOF IR RECEIVER

- Designed to work with LCD displays and CFL lights - Attaches discretely to front of TV
- IR modulation frequency bandwidth: 30 - 60 kHz
- Adjustable IR carrier frequency: 32 to 56 kHz (allows matching to actual component for optimum performance)
- Nominal reception range: > 40 feet
- Extremely small package,  $\frac{7}{16}$ " x  $\frac{5}{16}$ " x  $2\frac{1}{2}$ " (11mm x 8mm x 64mm)



**Order Black: 48085DB   Order White: 48085DW   Order Silver: 48085DS**

### SHELF-TOP LCD/CFL PROOF IR RECEIVER

- Designed to work with LCD displays and CFL lights - Place on shelf-top or cabinet near TV
- IR modulation frequency bandwidth: 30 - 60 kHz
- Adjustable IR carrier frequency: 32 to 56 kHz (allows matching to actual component for optimum performance)
- Nominal reception range: > 40 feet
- Compact package,  $3\frac{1}{4}$ " x 1" x 2" (83mm x 26mm x 51mm)



**Order Black: 29185DB   Order White: 29185DW   Order Silver: 29185DS**

## LCD/CFL PROOF IR RECEIVERS

### MICRO LINK LCD/CFL PROOF IR RECEIVER

- Designed to work with LCD displays and CFL lights
- IR modulation frequency bandwidth: 30 - 60 kHz
- Adjustable IR carrier frequency: 32 to 56 kHz (allows matching to actual component for optimum performance)
- Nominal reception range: > 40 feet
- Extremely small package,  $\frac{7}{16}$ " x  $\frac{5}{16}$ " x  $2\frac{1}{2}$ " (11mm x 8mm x 64mm)
- Talkback LED for system tests

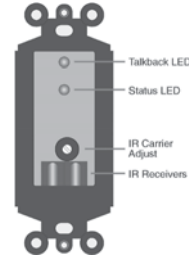
**Order: 49085D**



### J-BOX LCD/CFL PROOF IR RECEIVER

- Designed to work with LCD displays and CFL lights
- Fits standard J-box (Decorator trim plate not included)
- IR modulation frequency bandwidth: 30 - 60 kHz
- Adjustable IR carrier frequency: 32 to 56 kHz (allows matching to actual component for optimum performance)
- Nominal reception range: > 40 feet
- Talkback LED for system tests

**Order: 78085**



## STANDARD IR RECEIVERS

*Individual IR Receivers can be added to IR Receiver Kits, IRDY Kits or any Xantech IR Connecting Block.*

### DINKY LINK STANDARD IR RECEIVER

- Standard Broadband IR Receiver - Attaches discretely to front of TV
- IR modulation frequency bandwidth: 30 - 100 kHz
- Nominal reception range: > 30 feet
- Extremely small package,  $\frac{7}{16}$ " x  $\frac{5}{16}$ " x  $2\frac{1}{8}$ " (11mm x 8mm x 54mm)
- Talkback LED for system tests

**Order Black: 48010DB Order White: 48010DW Order Silver: 48010DS**



### DINKY LINK DLP/CRT QUICK CONNECT IR RECEIVER

### MICRO LINK STANDARD IR RECEIVER

- Standard IR Receiver - Peephole-Style installs in cabinet doors or walls
- IR modulation frequency bandwidth: 30 - 100 kHz
- Nominal reception range: > 30 feet
- Dimensions:  $\frac{1}{2}$ " (13mm) diameter, 2" (51mm) deep
- Talkback LED for system tests

**Order: 49010D**



## STANDARD IR RECEIVERS

Individual IR Receivers can be added to IR Receiver Kits, IRDY Kits or any Xantech IR Connecting Block.

### MICRO LINK DLP/CRT J-BOX MOUNT IR RECEIVER

- J-box version of the 490W-00. Includes a white decorator style insert for single gang mounting.
- IR modulation frequency bandwidth: 30 - 100 kHz
- Nominal reception range: > 30 feet
- Receiver Dimensions: 1/2" (13mm) diameter, 2" (51mm) deep
- Talkback LED for system tests

**Order: 490DW**



### J-BOX DLP/CRT IR RECEIVER

- Standard Broadband IR Receiver
- Fits standard decora J-box (Decorator trim plate not included)
- Talkback LED for system tests
- IR modulation frequency bandwidth: 30 - 100 kHz
- Nominal reception range: > 30 feet

**Order: 78010**



### SHELF-TOP STANDARD IR RECEIVER

- Standard Broadband IR Receiver - Place on shelf-top or cabinet near TV
- IR modulation frequency bandwidth: 30 - 100 kHz
- Nominal reception range: > 30 feet
- Compact package, 3 1/4" x 1" x 2" (11mm x 8mm x 54mm)
- Talkback LED for system tests

**Order: 29110D**



## CONNECTING BLOCKS

Individual connecting blocks require IR Receiver, IR Emitters & Power supply and are also compatible with SmartPad3 Keypads

### ONE ZONE FOUR SOURCE CONNECTING BLOCK

- Connects four emitter ports and power supply to all Xantech infrared receivers and keypads
  - Four parallel emitter ports with 470-Ohm resistors drive four single or four dual emitters
  - Quick-connect stereo mini jack for IR Receivers that use a stereo mini plug
  - STATUS terminal for connection of IR Receivers and Keypads that have status LED's
  - 2.1 mm coaxial power jack
  - Requires either the 781ERGPS or 782ERGPS power supply
  - Dimensions: 3" x 1 3/4" x 13/16" (77mm x 45mm x 21mm)
  - Power LED
- Order: 78944**



### ONE ZONE FOUR SOURCE CONNECTING BLOCK Five Pack

#### Save 5%

- Save time and money. Includes five 789-44 connecting blocks
- Order: 78944CB5P**

### ONE ZONE FOUR SOURCE CONNECTING BLOCK Including Power supply

- 789-44 with included 781ERGPS Power Supply
- Order: 78944CB5P**



### ONE ZONE FOUR SOURCE IN-WALL DECORATOR CONNECTING BLOCK

- Similar to the standard 789-44 but used in a single gang J-box configuration
  - Can be used at either end of an infrared bus system
  - Four parallel emitter ports on external connecting plate
  - Quick connect stereo mini jack on external connecting plate for Xantech IR receivers that are equipped with the stereo mini plug
  - 2.1mm coaxial power jack on external connecting plate
  - Four-terminal plug in connector on the back of the plate for Power and IR Signal
  - Available in white and ivory
  - Dimensions: 2 15/16" x 1 3/4" x 13/16" (75mm x 45mm x 21mm)
  - Requires 781ERGPS Power Supply
- Order White: 78944DW**  
**Order Ivory: 78944DI**



### ONE ZONE TEN SOURCE AMPLIFIED CONNECTING BLOCK

- Emitter port jumpers permit high or low power IR output
  - High-speed opto-isolator for improved operation
  - Parallel emitter ports drive 10 single or 10 dual emitters
  - Contains red LED input signal Test-IR
  - Requires either the 781ERGPS or 782ERGPS Power Supply
  - Dimensions: 6" x 2 1/4" x 15/16" (153mm x 58mm x 24mm)
  - Up to nine 790-00's can be connected to the 791-44 for control of up to 100 devices in a single zone
  - STATUS terminal for connection of Xantech IR Receivers and Keypads that have status indicator LED's
  - Quick connect stereo mini jack for Xantech IR Receivers that use a stereo mini plug
- Order: 79144**



## CONNECTING BLOCKS

Individual connecting blocks require IR Receiver, IR Emitters & Power supply and are also compatible with SmartPad3 Keypads

### FOUR ZONE TEN SOURCE AMPLIFIED CONNECTING BLOCK

- Controls four individual zone's equipment
- Can control two pieces of equipment per zone
- Controls 10 pieces of equipment used for common sources
- Expandable to nine zones with the model 796-20 Zone Expander
- 14 test LED's indicate proper operation and hook-up
- Isolated input for each zone
- Dimensions: 1" x 13 1/8" x 1 7/8" (26mm x 340mm x 48mm)
- Requires 782ERGPS Power Supply

Order: 79520



### SIX ZONE CONNECTING BLOCK/EXPANDER

- Expands the 795 Zone Controller to a total of nine zones
- Connects directly to the 795 and is powered via the 795
- Can be used in conjunction with a 791-44 (without a 795) for a 6 zone system
- Multiple 796's may be used with a 791-44 for even more zones (limited only by IR noise considerations)
- Dimensions: 1" x 13 1/8" x 1 7/8" (26mm x 340mm x 48mm)

Order: 79620



### ONE ZONE TWO SOURCE CONNECTING BLOCK

- Connects two emitter ports and power supply to Xantech IR Receivers that use a stereo mini plug
- 3.5 mm stereo mini jack for quick-connect IR receivers
- Two 3.5 mm mono mini jacks with 470-Ohm resistors drive two single or two dual emitters
- 2.1 mm coaxial power jack
- Requires either the 781ERGPS or 782ERGPS Power Supply
- Dimensions: 2 1/8" x 1 1/4" x 3/4" (54mm x 32mm x 19mm)

Order: CB20



### ONE ZONE SIX SOURCE QUICK CONNECT CONNECTING BLOCK

- Connects six emitter ports and power supply to all Xantech IR Receivers that use a stereo mini plug
- 3.5 mm stereo mini jack for quick-connect IR Receivers
- 3.5 mm mono mini emitter ports drive six single or six dual emitters in parallel
- Contains a series 100-Ohm resistor per emitter port
- Requires either the 781ERGPS or 782ERGPS Power Supply

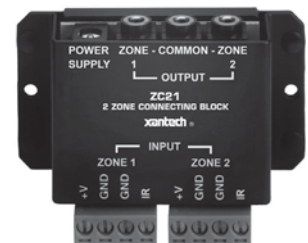
Order: CB60



### TWO ZONE CONNECTING BLOCK

- Simplified version of the 795 controller when only two zones are required
- One plug-in screw connector for each zone's IR receiver and/or keypads
- 3.5mm mono mini jack for zone and common IR emitters
- Can be used with a 791-44 amplified connecting block for common emitter expansion
- Requires either the 781ERGPS or 782ERGPS Power Supply
- Only to be used with single or dual emitters on the zone outputs
- Dimensions: 3" x 1 3/4" x 13/16" (77mm x 45mm x 21mm)

Order: ZC21



## CONNECTING BLOCKS

Individual connecting blocks require IR Receiver, IR Emitters & Power supply and are also compatible with SmartPad3 Keypads

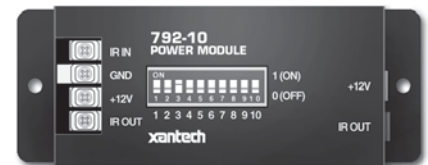
### MULTIPLE EMITTER CONNECTING BLOCK

- Emitter expansion block for the 791-44 or 792-10
  - Parallel emitter ports drive 10 single or 10 dual emitters
  - Contains a series 100-Ohm resistor per emitter port
  - Emitter and IN/OUT ports are 3.5 mm mono mini-jacks
  - Screw terminals provide for wired input connections
  - Requires the 792-10 Power Module or the 791-44 Amplified Connecting Block to drive the 790 block
  - Dimensions: 6" x 2 1/4" x 15/16" (153mm x 58mm x 24mm)
- Order: 79000**



### PHANTOM POWER MODULE FOR IR RECEIVERS

- Provides phantom power for standard Xantech IR receivers.
  - High current mode drives 790 connecting block
  - 3.5 mm mono mini jack emitter port.
  - Requires the 781ERGPS Power Supply
  - Dimensions: 4 1/4" x 1 5/8" x 1" (108mm x 42mm x 26mm)
- Order: 79210**



### SERIAL CONTROL COMBINER

- Combines IR serial data from up to five A/V receivers to common source equipment
  - Isolating diode system prevents serial control interference between receivers
  - DIP switch sets polarity for either positive or negative serial logic systems
  - Can be "daisy chained" to accommodate any number of A/V receivers in multi-zone systems
  - Requires same brand components
  - Used in multi-zone systems
  - Dimensions: 6" x 2 1/4" x 1" (153mm x 58mm x 26mm)
- Order: 79310**

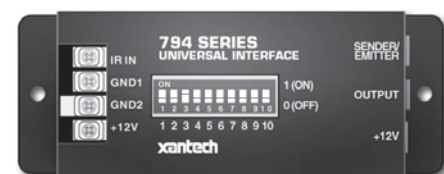


### UNIVERSAL INTERFACE MODULES

There is a trend in the industry for manufacturers of A/V equipment to have a "remote" input jack on the back of their equipment. While there are no standards for the type of signal or input jack on these units, we have created a series of interface modules to allow any of our IR receivers to interface with these various jacks. The brands and model numbers are being constantly updated. Call for current information.

**Order: 79410 3.5mm stereo mini plug interface cable**

**Order: 79450 RCA-type phone plug interface cable**



### SPECIFICATIONS

- Power requirements: 12 volts DC @ 15 milliamps. Requires 781ERGPS Power Supply
- Connections: 4-screw terminal connector for interface with Xantech IR Receivers and other devices
- 3.5 mm mono mini jack for IR emitter, 3.5 mm stereo mini jack for interface cable, 2.1 mm coaxial power jack
- Dimensions: 4 1/4" x 1 5/8" x 1" (108mm x 42mm x 26mm)

## CONNECTING BLOCKS

Individual connecting blocks require IR Receiver, IR Emitters & Power supply and are also compatible with SmartPad3 Keypads

### ONE ZONE ONE SOURCE CONNECTING BLOCK

- Connects one emitter port and power supply to Xantech IR Receivers that use a stereo mini plug
- Also includes a three-terminal block for wired connection of Xantech IR Receivers and Smart Pads
- 3.5 mm stereo mini jack for quick-connect IR receivers
- 3.5 mm mono mini jack for one single or one dual emitter
- 2.1 mm coaxial power jack
- Requires either the 781ERGPS or 782ERGPS Power Supply
- Dimensions: 2 1/8" x 1 1/4" x 3/4" (54mm x 32mm x 19mm)

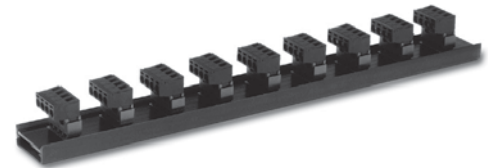
Order: CB12



### "THE STRIP-IR" PARALLEL CONNECTING BLOCK

- Easily connects home run wires from multiple IR Receivers to the input
- High current design (12 Amps peak) allows amplifiers rated as high as 500 watts to be used with the CB18
- One-in eight-out or eight-in one-out capability
- Nine four-terminal plug-in connectors on 4-conductor bus
- Screw terminals handle wire sizes from 24 to 12 gauge
- Dimensions: 11 1/4" x 1 1/4" x 1 1/4" (286mm x 32mm x 32mm)

Order: CB18



## ADDRESSABLE IR ROUTERS

### RT16-10

The RT16-10 Router is a one-in/sixteen-out switcher which directs IR control signals to any or all 16 output ports.

Order: RT1610



### RT8

The RT8 is a one in/eight out version of the RT16-10.

Order: RT8

- RT8 requires a 782ERGPS power supply
- RT16-10 requires a 782ERGPS power supply
- Requires RC68X Programmer
- RT16-10 fits standard 19" rack mount
- A four-terminal plug-in connector, "IR RCVR INPUT", permits connection of IR Receivers, Keypads, Controllers, etc



## STANDARD HIGH OUTPUT IR EMITTERS

*Minimum Requirement: IR Receiver, Connecting Block & Power Supply. Are compatible with all Xantech IR Systems*

### STANDARD HIGH OUTPUT DESIGNER EMITTER

- Non-visible, high-output version
- Deep purple Lexan™ shell
- Clear adhesive film included on emitter housing for attachment to IR window of controlled component
- Includes 3 pre-cut adhesive backings for replacement purposes
- Lead is terminated with a 3.5mm mono mini plug
- Length of wire: 10 feet

**Order: 282D**



### DESIGNER EMITTER Five Pack

Package contains (5) 282D Designer Emitters

**Order: 282D5P**

### DESIGNER EMITTER Ten Pack

Package contains (10) 282D Designer Emitters

**Order: 282D10P**

### DESIGNER EMITTER With Twin Plug

- 282D high-output Designer Emitter with two 3.5mm plugs
- Allows control of single source by two IR systems
- Diode isolation for independent control and component protection
- Wire length: 10 feet

**Order: 282DTP**



### 'NAKED' EMITTER

282M high-output Emitter with no shell surrounding emitter head

- Allows insertion of emitter inside component case for the cleanest appearance possible
- Wire length: 10 feet

**Order: 282X**



### DUAL DESIGNER EMITTER

- Two emitters in series with each other and terminated in a single 3.5mm mono mini plug
- Length of wire: 7 feet to junction, 3 feet to each emitter
- Non-visible, high output version

**Order: 284D**



### DUAL DESIGNER EMITTER Five Pack

Package contains (5) 284D Designer Emitters

**Order: 284D5P**

### DUAL DESIGNER EMITTER Ten Pack

Package contains (10) 284D Designer Emitters

**Order: 284D10P**

## VISIBLE DESIGNER EMITTER

- Visible, red blink, low output version of the 282D
  - Clear adhesive film for attachment to IR window of controlled component
  - Includes 3 pre-cut adhesive backings for replacement purposes
  - Lead is terminated with a 3.5mm mono mini plug • Length of wire: 10 feet
- Order: 283D**



## VISIBLE DESIGNER EMITTER Five Pack

Package contains (5) 283D Visible Designer Emitters  
**Order: 283D5P**

## VISIBLE DESIGNER EMITTER Ten Pack

Package contains (10) 283D Visible Designer Emitters  
**Order: 283D10P**

## VISIBLE DESIGNER EMITTER With Mini Wire

- 283D emitter with mini-wire (6 ft. long with 28 gauge wire)
- Order: 283DMW**

## VISIBLE DESIGNER EMITTER With Twin Plug

- 283D Visible Designer Emitter with two 3.5mm plugs
  - Allows control of single source by two IR systems
  - Diode isolation for independent control and component protection
  - Wire length: 10 feet
- Order: 283DTP**



## DUAL VISIBLE DESIGNER EMITTER

- Two emitters in series with each other and terminated in a single 3.5mm mono mini plug
  - Length of wire: 7 feet to junction, 3 feet to each emitter
- Order: 286D**



## DUAL VISIBLE DESIGNER EMITTER Five Pack

Package contains (5) 286D Visible Designer Emitters  
**Order: 286D5P**

## DUAL VISIBLE DESIGNER EMITTER Ten Pack

Package contains (10) 286D Visible Designer Emitters  
**Order: 286D10P**

## BLAST-IR

- Powerful IR transmitting device that can send wireless IR signals across a room
- Order Shelf-Top IR Blaster: 39020**  
**Order J-Box IR Blaster: 38020**



## IR ACCESSORIES

### DESIGNER EMITTER SHIELD COVER

- Shield cover for designer emitters
- Effective for covering component IR eyes for IR

**Order: 28DES**

### EMITTER SHIELD COVER

- Shield cover for mouse emitters
- Effective for covering component IR eyes for IR

**Order: MS1**

### EMITTER WIRE DRESSING

Contains adhesive backed, custom sized molded pieces that makes installing mouse emitters fast, clean, and easy.

Package contains:

- (1) 1" x 1" dressing, thin size (Perfect for the first 3 feet of the emitter)
- (1) 1" x 1" dressing, wider size (Intended for the last 3 feet of the emitter)
- (1) 1" x 5" dressing, thin size (Perfect for the first 3 feet of the emitter)
- (1) 1" x 5" dressing, wider size (Intended for the last 3 feet of the emitter)

**Order Silver: MW1S**

**Order Black: MW1B**



### EMITTER EXTENSION CABLE

- 50-foot, 24-gauge, 2-conductor cable. Use for long emitter runs
- 3.5 mm mini mono plug on one end and female mini mono jack on the other.

**Order: 078400**

### IR RECEIVER SUNSCREEN FILTER KIT

- Used with Xantech's legendary 480-, 490-, and 780- series IR receivers, the SUNKIT removes unwanted infrared interference. Two lenses are included, one to reduce overall light conditions by 66%, the other to filter out visible light and allow only infrared to pass through.

**Order: SUNKIT**

### DARK PURPLE 780 LENS

- Replacement lens for model 780

**Order: 03016400**

### 5-FOOT MINI PLUG CABLE

- 5 foot cable with a standard 3.5mm mini plug and stripped/tinned leads
- Minimum order quantity of 10 pieces

**Order: 06015900**

### INFRA RED ADJUSTER

- Adjust IR output
- For use with all connecting blocks

**Order: 28ADJ**

### HIGH PERFORMANCE EMITTER TAPE

- For use on cured or rough surfaces
- Improves emitter adhesion

**Order: 28VHB**

## IR ACCESSORIES

### 1-FOOT MONO MINI PLUG CABLE

- 1 foot cable with 3.5mm/3.5mm plug
- Order: 06017400**

### DUAL 3.5mm MINI JACK ADAPTER

- Dual in-line 3.5mm mini jack, Female to Female
- Order: 06017440**

### 10-FOOT MONO MINI PLUG CABLE

- 10 foot cable with 3.5mm/3.5mm plug
- Order: 06017450**

### TWO WAY DC PASSIVE SPLITTER

- DC pass design allows IR control signal to pass through freely without the need of a ByPass Kit.
- Order: 020000**

### FOUR WAY DC PASSIVE SPLITTER

- Four-way version of 200-00.
- Order: 020200**

### DC BLOCKER

- Used on RF splitter outputs connected to rooms without Xtra Links
  - Prevents a connected TV, VCR, etc. from shorting IR control signals on a coax system using Xtra Link 172's, etc.
- Order: 020300**

### GROUND BREAKER

- Eliminates audible hum generated when A/V components are connected directly to a cable TV or Satellite system
  - Isolates ground potential differences within an audio/video system without affecting the RF signal
- Order: 063400**  
**UPC#:4277730054**

## IR POWER SUPPLIES

### 781ERGPS 12V DC POWER SUPPLY

- Regulated high-efficiency 12V DC for most Xantech remote control devices (marked rating is 12V DC 500mA)
  - Powers basic Xantech IR systems
  - Uses 2.1mm coaxial plug
- Order: 781ERGPS**



### 781ERGPS POWER SUPPLY Five Pack

- Package contains (5) 781ERGPS Power Supplies
- Order: 781ERGPS5P**

### 781ERGPS POWER SUPPLY Ten Pack

- Package contains (10) 781ERGPS Power Supplies
- Order: 781ERGPS10P**

### HIGH CURRENT 12V DC POWER SUPPLY

- Regulated, 12V DC, 1.2 Amp power supply
  - Uses 2.1mm coaxial plug
  - Power a large number of Xantech devices from a single power supply
- Order: 782ERGPS**

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