

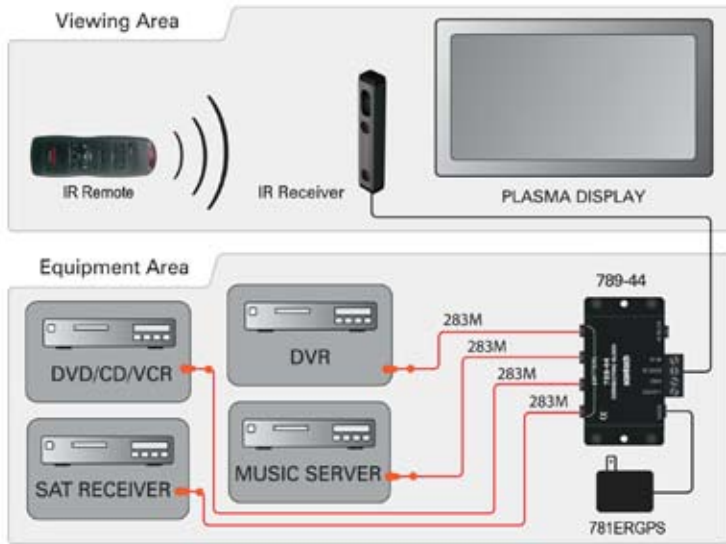


IR SYSTEM PRODUCTS

2008 Catalog

SKYLINK
ENGINEERING

BASIC IR REPEATER APPLICATION DIAGRAM

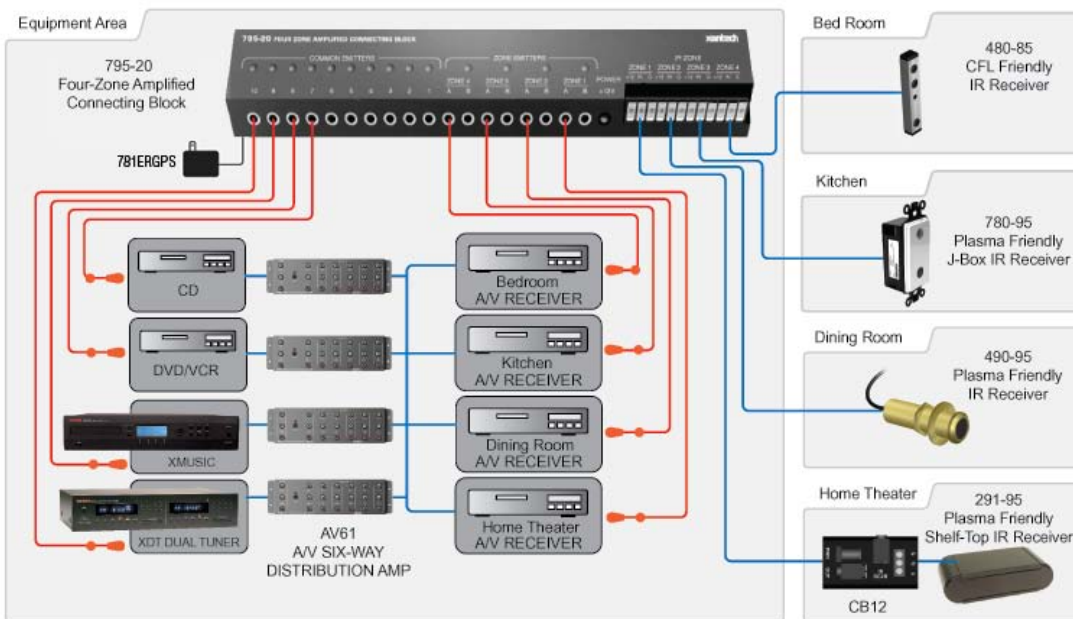


PLASMA PROOF DINKY LINK™ KIT Page 5

- Prepackaged kit includes:
 - (1) 480-95 Dinky Link
 - (1) 789-44 Connecting Block
 - (1) 781ERGPS Power Supply
 - (4) 283M Blink IR Mouse 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 p7.)

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) 480-95 Dinky Link
 - (1) 781ERGPS Power Supply
 - (1) 789-44 Connecting Block
 - (4) 283M Blink IR Mouse Emitters

Order Silver: 48095SKITRP

Order Black: 48095BKITRP



SHELF-TOP PLASMA PROOF IR RECEIVER KIT

- Prepackaged kit includes:
 - (1) 29195 Shelf Top
 - (1) 781ERGPS Power Supply
 - (1) 789-44 Connecting Block
 - (4) 283M Blink IR Mouse Emitters

Order: 29195KITRP



MICRO LINK PLASMA PROOF IR RECEIVER KIT

- Prepackaged kit includes:
 - (1) 49095 Peephole-Style
 - (1) 781ERGPS Power Supply
 - (1) 789-44 Connecting Block
 - (4) 283M Blink IR Mouse Emitter

Order: 49095KITRP



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) 48085 Dinky Link	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283M Blink IR Mouse Emitters

Order Silver: 48085SKITRP
Order Black: 48085BKITRP



SHELF-TOP LCD/CFL IR RECEIVER KIT

- Prepackaged kit includes:

(1) 29180 Shelf-Top	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283M Blink IR Mouse Emitters

Order: 29180KITRP



MICRO LINK LCD/CFL IR RECEIVER KIT

- Prepackaged kit includes:

(1) 29180 Shelf-Top	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283M Blink IR Mouse Emitters

Order: 49085KITRP



DLP/CRT STANDARD IR RECEIVER KITS

DINKY LINK QUICK CONNECT IR RECEIVER KIT

- Prepackaged kit includes:

(1) 48030 Dinky Link	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283M Blink IR Mouse Emitters

Order Black: 480BKIT
Order White: 480WKIT



SHELF-TOP IR RECEIVER KIT

- Prepackaged kit includes:

(1) 291-10	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283M Blink IR Mouse Emitters

Order: 291KITRP



MICRO LINK IR RECEIVER KIT

- Prepackaged kit includes:

(1) 490-30	(1) 789-44 Connecting Block
(1) 781ERGPS Power Supply	(4) 283M Blink IR Mouse Emitters

Order: 490KITRP



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.

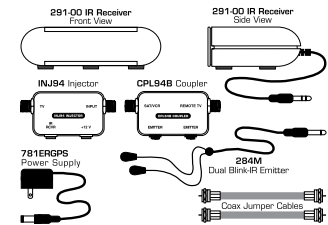
IR OVER COAX DLP/CRT SHELF-TOP IR RECEIVER KIT

- Standard Broadband IR Receiver Kit over COAX

The complete 172 Xtra Link2 package includes the following:

- (1) 291 Infrared Receiver
- (1) CPL94 Injector
- (1) CPL94B Coupler
- (1) 781ERGPS 12V Power Supply
- (1) 286M Dual Blink IR Infrared emitter
- (2) Coax jumper cables with RF connectors

Order: 17294RP

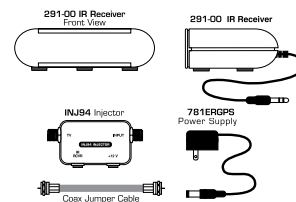


IR OVER COAX Xpansion Kit

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) 283M Blink-IR Mouse Emitters
- (1) 781ERGPS 12V Power Supply
- (1) 789-44 Connecting Block

Order: IRDY4KIT



IR READY TEN SOURCE KIT

Kit Includes

- (10) 283M Mouse 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 Silver: 48095S

Order Black: 48095B

Order White: 48095W



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: 29195



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: 49095

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: > 50 feet
- Extremely small package, $\frac{7}{16}$ " x $\frac{5}{16}$ " x $2\frac{1}{2}$ " (11mm x 8mm x 64mm)



Order Silver: 48085S

Order Black: 48085B

Order White: 48085W

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: > 70 feet
- Compact package, $3\frac{1}{4}$ " x 1" x 2" (83mm x 26mm x 51mm)



Order: 29180

LCD/CFL PROOF IR RECEIVERS

MICRO LINK LCD/CFL PROOF IR RECEIVER

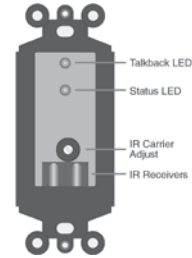
- Designed to work with LCD displays and CFL lights
- IR modulation frequency bandwidth: 30 - 60 kHz
- Adjustable IR carrier frequency: 32 to 56 kHz (allows matching to actual component for optimum performance)
- Nominal reception range: > 70 feet
- Extremely small package, $\frac{7}{16}$ " x $\frac{5}{16}$ " x $2\frac{1}{2}$ " (11mm x 8mm x 64mm)
- Talkback LED for system tests

Order: 49085

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: > 70 feet
- Talkback LED for system tests

Order: 78080



STANDARD IR RECEIVERS

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

DINKY LINK DLP/CRT 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: 480B00

Order White: 480W00



DINKY LINK DLP/CRT QUICK CONNECT IR RECEIVER

- Standard Broadband IR Receiver with 3.5mm stereo mini plug permits direct plug-in to Xantech Connecting Blocks that have an "IR RCVR" or "AUX" jack, such as the CB12, CB20, CB60, 789-44, 791-44, etc.
- 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)
Length should be smaller than a normal 480-85.
- Talkback LED for system tests

Order Black: 480B30RP

Order White: 480W30



MICRO LINK DLP/CRT 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 Brass: 49000



Order White: 490W00

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 QUICK CONNECT IR RECEIVER

- Standard Broadband IR Receiver with 3.5mm stereo mini plug permits direct plug-in to Xantech Connecting Blocks that have an "IR RCVR" or "AUX" jack, such as the CB12, CB20, CB60, 789-44, 791-44, etc.
- IR modulation frequency bandwidth: 30 - 100 kHz
- Nominal reception range: > 30 feet
- Dimensions: ½" (13mm) diameter, 2" (51mm) deep
- Talkback LED for system tests

Order Brass: 49030RP

Order White: 490W30



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: ½" (13mm) diameter, 2" (51mm) deep
- Talkback LED for system tests

Order: 0490DW00



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: 78010RP



SHELF-TOP DLP/CRT 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 ¼" x 1" x 2" (11mm x 8mm x 54mm)
- Talkback LED for system tests

Order: 29110RP



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 1 3/16" (77mm x 45mm x 21mm)

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: 78944PSRP



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 1 3/16" (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 1 5/16" (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: 079144



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)

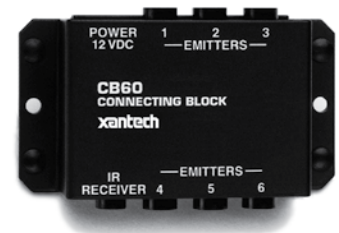
Order: CB20



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 1 1/16" (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

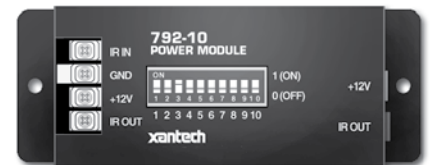
MULTIPLE EMITTER CONNECTING BLOCK

- 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 1 5/16" (153mm x 58mm x 24mm)
- Order: 079000**



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: 079210**



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: 079310**

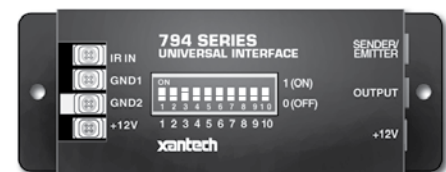


UNIVERSAL INTERFACE MODULES

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: 079410 3.5mm stereo mini plug interface cable

Order: 079450 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 MOUSE 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 with Retail Packaging: 282MRP

Order without Retail Packaging: 282M



MOUSE EMITTER Five Pack

Package contains (5) 282M Mouse Emitters

Order: 282M5P

MOUSE EMITTER Ten Pack

Package contains (10) 282M Mouse Emitters

Order: 282M10P

MOUSE EMITTER With Twin Plug

- 282M high-output Mouse 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: 282TP



'NAKED' MOUSE EMITTER

282M high-output Mouse 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 MOUSE 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: 284M



DUAL MOUSE EMITTER Five Pack

Package contains (5) 284M Mouse Emitters

Order: 284M5P

DUAL MOUSE EMITTER Ten Pack

Package contains (10) 284M Mouse Emitters

Order: 284M10P

BLINK-IR MOUSE EMITTER

- Visible, red blink, low output version of the 282M
 - 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: 283M**



BLINK-IR MOUSE EMITTER Five Pack

Package contains (5) 283M Mouse Emitters
Order: 283M5P

BLINK-IR MOUSE EMITTER Ten Pack

Package contains (10) 283M Mouse Emitters
Order: 283M10P

BLINK-IR MOUSE EMITTER With Mini Wire

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

BLINK-IR MOUSE EMITTER With Twin Plug

- 283M Blink IR Mouse 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: 283TP**



DUAL BLINK-IR MOUSE 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: 286M**



DUAL BLINK-IR MOUSE EMITTER Five Pack

Package contains (5) 286M Mouse Emitters
Order: 286M5P

DUAL BLINK-IR MOUSE EMITTER Ten Pack

Package contains (10) 286M Mouse Emitters
Order: 286M10P

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

EMITTER SHIELD COVER

- Shield cover for all '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

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

IR ACCESSORIES

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**

SINGLE-GANG PLASTIC RETRO RING

Order: LV1

DUAL-GANG PLASTIC RETRO RING

Order: LV2

DUAL-GANG PLASTIC RETRO BOX

Order: SLB2

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

