

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



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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)

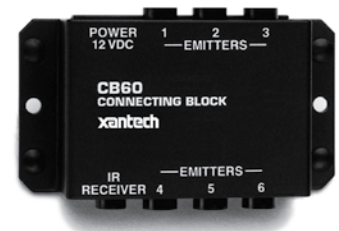
Order: CB20



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

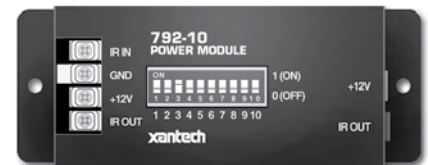
MULTIPLE EMITTER CONNECTING BLOCK

- 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**

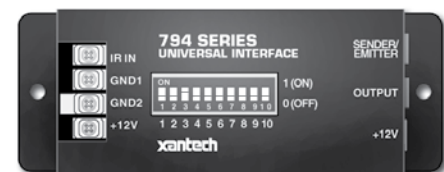


UNIVERSAL INTERFACE MODULES

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)

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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

