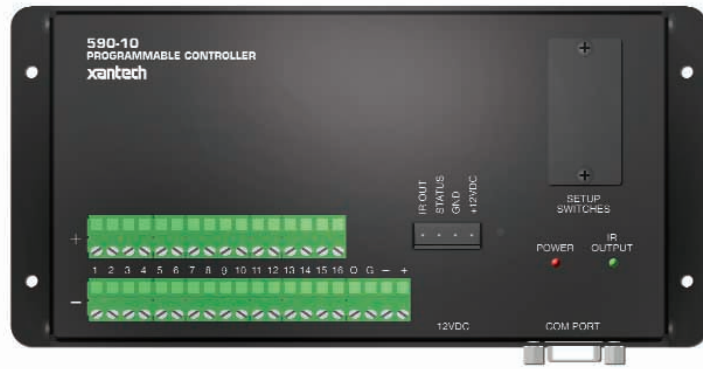


590-10 PROGRAMMABLE CONTROLLER



The 590-10 gives the custom installer the ability to use any push button or contact closure to initiate infrared commands. The 590-10 incorporates 16 isolated input circuits and a learning microprocessor. There are 16 pairs of screw terminals on its rear panel for use with up to 16 individual contact closures.

FEATURES

- Programmable with Universal Dragon Drop-IR™ Programming Software
- Multi-function sequencing for up to 40 commands per key, button, or contact closure of any type
- Infrared output compatible with all Xantech brand IR control systems. Use 791-44 connecting blocks for emitter expansion
- Memory: 8 Kbytes E2PROM
- IR Carrier Frequency: 31.25 kHz to 71.50 kHz
- Maximum Peak IR Signal Output Current: 100 milliamps
- COM Port: RS232 Signal Compatible

SPECIFICATIONS

- Inputs: 16 Opto-Isolators connected via 16 screw terminal pairs, each in series with a 1,000-Ohm resistor
- Input voltage range, 5 to 30 VDC
- 12 VDC is available on the 12VDC “+” and “-” screw terminals for driving inputs through external switch closures
- Banks: One with extensive macro (sequence) capacity
- Power In: 12VDC, 300mA. 2.1mm coaxial power jack, center positive. Requires Model 782-00 or 786-00 Power Supply
- Memory: 8 kilobyte non-volatile E2PROM
- IR Carrier Frequency: 31.25kHz to 71.50kHz
- Dimensions/Weight: 8.5”W x 4.25”H x 2.875”D (216mm x 108mm x 73mm) / 1.8 lbs (0.8 kg)

598-00 KEYPAD FOR 590

- Eight-button keypad
- Fits in single-gang box
- Requires nine-conductor cable
- Includes legend cutout sheet
- Depth: 0.75” (19mm)



599-00 PULSED SWITCHING MODULE

- The 599 is used in conjunction with the 590 Programmable Controller
- Provides a momentary 12 volt DC pulse output when a steady 5 to 12 volt DC input is applied
- By plugging a 12VDC power supply into a switched AC outlet on the back of an AM/FM receiver, a low voltage, switched DC signal is made available to the 590. This could be used to trigger a power-on command for a common source component, for instance
- Power is supplied from the 590
- Dimensions: 4 1/4” x 1 7/8” x 1” (108mm x 48mm x 26mm)

