

Preset Ten Architectural Two

model: PRE10-A2

technical data sheet



The *Preset 10 Architectural Two* is a further development of our popular *Preset 10 Architectural* controller. The *Preset 10 Architectural Two* (PRE10A2) offers new features and different wiring options. The new features of the PRE10A2 include a grand master, pile on mode (input + preset), jumper selectable button modes (radio or push on/push off) and a two gang form factor that allows PRE10A2 to fit in all two gang back boxes. The PRE10A2 has separate input and output ports allowing merging incoming levels with the local preset. This cascading of inputs allows creation of systems where multiple PRE10A2 and live theatrical console can share control. Additionally systems can be created where multi-room control is required by a single dimming system.

The *Preset 10 Architectural Two* lighting control station capable of storing up to ten presets. These presets are recorded by capturing the output of a DMX512 console. Each preset can then be assigned a unique fade time, from 0 to 999 seconds. Presets are recalled by pressing one of the buttons.

Systems can be created by using one or more stations and a power supply. The solid aluminum faceplate is designed to install over a standard two gang electrical box. Connections to the *Preset 10 Architectural Two* are power (2 wires) and DMX512 (3 wires). Power for the *Preset 10* can be supplied from a variety of sources, including a 10V class 2 “doorbell” transformer.

The *Preset 10 Architectural Two* system can work in conjunction with a lighting console, automatically switching between preset and console control or by combining the consoles input with the active preset. In switch over mode when the console generates DMX the *Preset 10 Architectural Two* goes off-line. The console then operates normally. Upon loss of DMX from the console, the *Preset 10 Architectural Two* either returns to its previous preset or holds the last look (jumper selectable). In combining mode the *Preset 10 Architectural Two* merges the levels from the console with the levels of the currently active preset.

The *Preset 10* system also comes in a portable version (model PRE10-P) that acts as a backup station for any DMX512 lighting console or as a stand-alone DMX512 preset console.

SPECIFICATIONS:

Connector: Phoenix Contact MSTB series 3 position two part terminal block
Model: MSTB MSTB 2,5/3-ST-5,08 Order Number: 17 57 02 2

Phoenix Contact MSTB series 5 position two part terminal block
Model: MSTB 2,5/5-ST-5,08 Order Number: 17 57 04 8

Connector pin out:

1 (C)	DMX512 common
2 (-)	DMX512 data - (input)
3 (+)	DMX512 data + (input)
1 (C)	DMX512 common
2 (-)	DMX512 data - (output)
3 (+)	DMX512 data + (output)
4 (C)	Supply common (internally tied to pin1)
5 (V)	Supply voltage “hot”

SPECIFICATIONS: (continued)

Input/Output Circuit: ESD protected EIA-485 transceiver (LT1785)

Indicators: Ten green preset indicator LEDs
One yellow "Grand Master 100%" indicator LED
One yellow "Grand Master 0%" indicator LED
One yellow Fade Time LED
One red Signal / Record LED

User controls: Ten preset push buttons
One "Grand Master Up" push button
One "Grand Master Down" push button
One recessed record push button
One recessed fade time push button

Option Jumpers: For a single station installation all jumpers should be installed.

	INSTALLED	REMOVED
JP1	Recording Enabled	Recording Disabled
JP2	Master Station	Slave Station
JP3	Fade to last active preset	Hold Last Look
JP4	Single Station Mode Station Mode	Multi Station Mode
JP5	Switch Over Mode	Highest Takes Precedence (HTP) Mode
JP6	Radio Button Mode	Push On Push Off Mode

Power input: 9 to 24 volts DC or 10 to 16 volts AC / 200mA per station
(A 10 volt class 2 "doorbell" transformer is recommended for fixed installations)

Color: Black anodized with L.A.S.E.R engraved nomenclature

Size : Faceplate: 4.5"h X 4.6"w X 0.2"d
Faceplate rear inset: 4.15"h X 4.25"w X 0.1"d
Electrical box minimum inside dimensions: 3.6"h X 2.9"w X 1.26"d

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