Twelve Scene DXM512 Record/Playback Console
model: PRE12-BLK and PRE12-WHT

Preset12 is a lighting control station that uses the DMX512 control protocol to capture and play back up to twelve static looks. Looks are recorded by capturing the output of any DMX512 console or by combining other Preset12 looks. When the DMX512 console is not present (or turned off), the looks are recalled by pressing one of Preset12's buttons. When the DMX512 control signal is being generated by a source other than Preset12, Preset12 goes offline and allows the other source to control the lights.

Multiple Preset12s may be connected together with one station acting as a main station (it holds the recorded looks) and the others remotely controlling it. Preset12 requires power provided by a class 2 (doorbell) transformer or a DC power supply.

Preset12 is the size of a single-wide (North American) switch plate: 2.75 x 4.5 inches. Preset12 is unique in that the entire unit is just over a quarter inch thick, allowing the unit to be surface mounted (no back box required), or mounted using shallow boxes or rings. Preset12 may also be mounted to solid surfaces with surface wiring to the bottom connector.

SPECIFICATIONS

Connections:	Six-inch 22 gauge flying leads: White: Power supply, AC (10-12V) or DC (7-18V) Black: Supply common (internally tied to DMX512 common) Brown: DMX512 common (pin 1 of a DMX512 connector) Red: DMX512 data- (pin 2 of a DMX512 connector) Orange: DMX512 data+ (pin 3 of a DMX512 connector)
Bottom Connector:	Micro USB-B (although it does not carry USB signals)

Connector Pinout:

Preset12 use	USB use (for reference only)
1 - Power supply, +5 VDC regulated	+5 VDC
2 - Data- (pin 2 of a DMX512 connector)	Data-
3 - Data+ (pin 3 of a DMX512 connector)	Data+
4 - Reserved	ID
5 - Power supply and DMX512 common (pin 1 of a DMX512 connector)	GND

Input/Output Circuit:	ESD protected EIA-485 transceiver (LT1785)
Indicators:	Twelve blue preset indicator LEDs One red offline LED One yellow fade-in-progress LED
User Controls:	Twelve preset buttons
Power Input:	AC: 10 to 12 volts (A 10 volt class 2 "doorbell" transformer is ideal) DC: 7 to 18 volts (An inline 24V adaper is available: P/N: 24215V) 200mA per station
Color:	Black or white Lexan with white buttons and black nomenclature
Size:	4.5"h X 2.75"w X 0.281"d