NUVOSPEC

DMX Scene Kit - Basic
CTRL-DMX-SCENE-KIT-BASIC

Complete single-zone DMX lighting control kit featuring a 70-scene touchscreen wall station with intuitive preset buttons and an included 24VDC power supply. Ideal for architectural lighting applications in conference rooms, lobbies, restaurants, and retail spaces where simple, elegant scene control is required without complex programming or commissioning.

KEY FEATURES

- ✓ Complete kit includes touchscreen controller and power supply
- ✓ 70 programmable scene presets on one DMX512 universe
- ✓ Operates as DMX console or snapshot/playback device
- ✓ Intuitive touchscreen interface with alphanumeric preset labeling
- ✓ Interactive real-time digital sliders for manual control
- ✓ Automatic proximity sense and ambient light sensing
- ✓ Dry contact input for external preset triggering
- ✓ Password-protected access for secure operation
- ✓ Ultra-low power consumption (< 1W operation, < 0.25W standby)
- ✓ Fits standard single-gang electrical back box
- ✓ Available in white or black finish
- ✓ Daisy-chain up to 15 stations per zone
- ✓ Maximum 30 DMX devices per daisy chain
- ✓ DMX cable runs up to 1,000 ft (300m for CAT6)
- ✓ Contractor-friendly installation

SPECIFICATIONS

Controller Model	PWS-70P-W/B		**DMX Output**	RS-485 via RJ-45 or terminal block
Power Supply Model	JSU240-0750		**Max Cable Length**	1,000 ft (DMX), 300 ft (CAT6)
Scene Presets	70 programmable scenes		**Max Devices**	30 per daisy chain
DMX Protocol	DMX512		**Max Stations**	15 per zone (daisy-chained)
DMX Universe	1 universe (512 channels)		**Operating Temperature**	0°C to 40°C (32°F to 104°F)
Operating Voltage	5-48VDC (24VDC typical)		**Humidity**	10-90% non-condensing
Power Consumption	< 1W operation, < 0.25W standby		**Mounting**	Single-gang back box (extra deep)

UL Listed   cUL   FCC Part 15 Class B

RoHS Compliant

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ELECTRICAL SPECIFICATIONS

Power Supply Input	100-240VAC, 50-60Hz
Power Supply Output	24VDC @ 0.75A (18W)
Regulation	±5% (line & load)
Ripple & Noise	200mV pk-pk max
Efficiency	≥85% (Level VI)
Standby Power	< 100mW
Protection	Over-voltage and short circuit protected
Safety	UL60950, CSA, FCC Part 15 Class B

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DIMENSIONS

Controller (W x H):	3.1 in x 4.88 in (78.7mm x 123.9mm)
Controller Depth:	1.44 in (36.6mm)
Power Supply:	1.77 x 1.89 x 2.95 in (45 x 48 x 75mm)
Mounting:	Standard single-gang extra deep box

MOUNTING

The touchscreen controller mounts in a standard single-gang extra deep electrical back box. The controller is not gangable with other devices. The 24VDC power supply mounts on a 4-square electrical box and must be installed on a grounded box. Follow all local electrical codes for installation. Maintain at least 48 inches separation from wires carrying 60V or more.

ORDERING INFORMATION

Part Number	Description
CTRL-DMX-SCENE-KIT-BASIC	Complete DMX Scene Kit with PWS-70P controller and 24VDC power supply
PWS-70P-W	70-Scene DMX Wall Station, White
PWS-70P-B	70-Scene DMX Wall Station, Black
JSU240-0750	24VDC 0.75A Wall Plug-In Power Supply