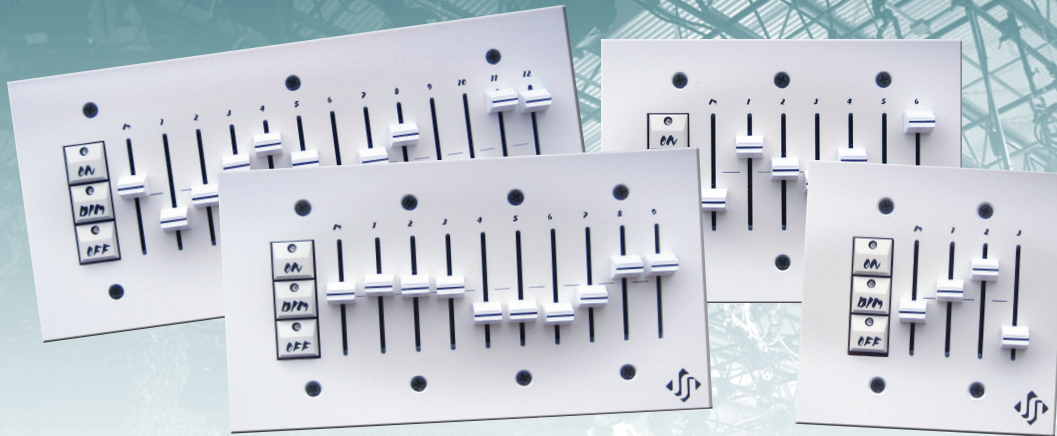


CS-DMX Series

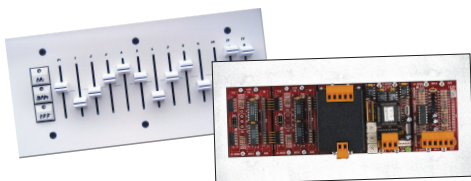
CS-DMX Fixed Program DMX Control Stations



Designed specifically for simple applications such as corporate boardrooms or similar environments where it is desirable to have a tamper-proof DMX slider control.

The "Channel/Dimmer Patch" is factory programmed eliminating user programming error and problem phone calls. Capable of 64 consecutive channels of "real time" DMX from the selectable start address. Full "patching" capability permits slider/channel overlap.

These stations can support any number of CS-2901 Entrance Stations allowing for simple multi-entrance applications. Standard finish is black powdercoat with gold silk-screening.



- Universal DMX slider controls for new or retrofit single room applications.
- Selectable DMX start address with 64 consecutive DMX channels patchable to any slider combination.
- Ruggedly built for reliability and longevity.
- Available in 3, 6, 9 or 12 slider versions.
- Tough durable powder coat paint on aluminum faceplate for a scratch resistant non-glare finish.
- Color matched and sized for use with Johnson Systems adapter plates where necessary to adapt to existing (larger) electrical back boxes.
- Metal shaft sliders and color matched retention screws help prevent broken or missing parts.
- Heavy-duty "high tactile" pushbutton switched are rated for 5 million operations.
- Designed to work with Johnson Systems CS-2901-E and CS-2901-ND entrance stations.



JOHNSON SYSTEMS INC.

"PROGRESSIVE ALTERNATIVES IN LIGHTING CONTROL"

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ENTERTAINMENT SERVICES & TECHNOLOGY ASSOCIATION

Fixed-program DMX Control Stations SPECIFICATIONS

- 1.0 Control stations shall require flush mounted masonry type back boxes. Such boxes should have a minimum depth of 2.00" and must be grounded (earthed) in accordance with local wiring practice to facilitate a direct discharge path to ground for static electricity. MBD 3" depth backboxes are preferable where possible.
- 1.1 Station faceplates shall be fabricated from 0.80" aluminum and shall be supplied in black powder coat finish with gold silk screened text. Other custom finishes shall be available on request.
- 1.2 Stations shall be available in three, six, nine or twelve slider configurations.
- 1.3 Each station shall have three individual DMX address select switches permitting DMX start address selection in single channel increments up to 512. All stations shall be capable of transmitting 64 consecutive DMX channels from the user selectable start address. All channel/slider "patching" shall be factory programmed and stored in tamper-proof 100 year EEPROM.
- 1.4 A series of color matched adapter plates shall permit the adaptation of any CS-DMX Series control station into any larger standard multi-gang back box up to 6 gangs.
- 1.5 The control station shall be fastened by means of color matched/balanced, flush mounting installation screws. The use of adhesives, magnets, setscrews or tension shall not be considered acceptable for long-term faceplate retention.
- 1.6 Control stations shall employ heavy-duty pushbutton switches, rated at five (5) million operations minimum.
- 1.7 Control station pushbutton caps shall be black with integral blue LED indicators. These caps shall be clearly identified for pushbutton function.
- 1.8 Control stations shall employ metal shaft sliders with a total travel of 45mm (1.75") and black slider knobs. The use of plastic shaft sliders shall not be considered acceptable for resistance to breakage and station longevity.
- 1.9 All control wire terminations shall be via a premium quality "break-away" style screw terminal plug and socket to facilitate ease of station removal while maintaining continuity of power and "take control" to other room stations. A #2 Philips screwdriver shall be the only tool necessary for complete station replacement.
- 1.10 All control station channels shall have an output diode to protect against feedback voltage.
- 1.11 All control stations shall employ "self healing" fuse protection on their DC power inputs for protection against voltage spikes.
- 1.12 All control stations shall employ multiple layers of power filtering to protect against AC ripple and or building noise.
- 1.13 All integrated circuits shall be mounted in high retention sockets to permit easy replacement.
- 1.14 Individual station printed circuit boards (PCBs) shall inter-connect by means of gold plated connectors. For ease of serviceability, it shall be possible to remove any station PCB individually without the need to disconnect any terminated wiring.
- 1.15 Circuit board copper plating shall be 1.5 oz. minimum. Circuit board material shall be glass-epoxy with a flame retardant rating of FR-4, 0.062" thickness. All circuit boards shall be solder masked and silk screened with component legends.
- 1.16 Each shall be powered via a regulated 12VDC 200mA supply.
- 1.17 Each control station shall be capable of driving up to 32 DMX receivers at the same time.
- 1.18 Each control station shall incorporate a self-resetting fuse to protect the control electronics from reverse power termination during installation.
- 1.19 Each control station will accept either Johnson Systems Inc. CS-2901-ND or CS-2901-E entrance stations. Wiring between any CS-DMX master station and analog entrance station shall be any five conductors suitable for analog L.V. signals.

Specification subject to change without notice.

Model	Description
CS-DMX 3x64	2 gang, 3 slider control with master pot, Full On, Preset and Off. Dimensions: 4.8125" x 4.875"
CS-DMX 6x64	3 gang, 6 slider control with master pot, Full On, Preset and Off. Dimensions: 6.625" x 4.875"
CS-DMX 9x64	4 gang, 9 slider control with master pot, Full On, Preset and Off. Dimensions: 8.4375" x 4.875"
CS-DMX 12x64	5 gang, 12 slider control with master pot, Full On, Preset and Off. Dimensions: 10.250" x 4.875"
Entrance Stations	
CS-2901-ND	1 gang, 2 button (on/off) entrance station. Dimensions: 3.000" x 4.875"
CS-2901-E	1 gang, 3 button entrance station with On, Preset and Off Dimensions: 3.000" x 4.875"
PS-12V-MINI-E	Miniature 12V 8W supply in black aluminum enclosure. Dimensions 2.75" L x 1.78" W x 1.26" D. Dimensions: 2.75" L x 1.78" W x 1.26" D
PS-MOUNT	This single gang plate permits ease of mounting MINI-E's into electrical backboxes.
NOTE: MINI-E enclosed power supplies can be mounted directly on all JS-2900 Series analog and DMX control stations and will power up to ten of either type. These tiny supplies will conveniently fit into a standard single gang backbox! Stand alone PCB modules are available for O.E.M. or custom applications by others. Please contact the factory for pricing.	



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