Studio Command Menu Map

The Studio Command fixture's onboard menu system allows you to:

- Assign a DMX start channel
- Access fixture options such as, homing the fixture, viewing fixture status, crossloading software, and performing self tests
- Preset (PRST) programming options that allow you to create, store, and play scenes from the fixture's on-board memory.

For a more detailed description, see individual menu options listed in *Chapter 3: The Menu System* on page 21.

> Note: *All Studio Command models use the same menu system. Yellow highlighted areas in the menu map table indicate options that have a different result or are not functional for Studio Command H fixtures.*

Studio Command Menu Map*

Level 1	Level 2	Level 3	Level 4	Level 5	Description
ADDR	Cxxx				change the existing DMX start channel
PRST	PLAY	OFF			set preset playback off
		ON			set preset playback on
		SCN			display which scene is currently playing
	EDIT	SN01–SN16	SHUT DIM	CLSD	close the shutter
				P01–P26	select shutter strobe at periodic intervals from slow (P 01) to fast (P 268)
				NN01–NN26	select shutter strobe at random intervals from slow (NN01) to fast (NN 26)
				NK01–NK26	select shutter strobe at random intervals from slow (NK01) to fast (NK26), in synchronization with the random strobing of all other Studio Command fixtures on the link
				RS01–RS26	select shutter ramp open slow (RS01) to fast (RS26), snap shut
				SR01–SR26	select shutter snap open, ramp shut slow (SR01) to fast (SR26)
				RR01–RR26	select shutter ramp open, ramp shut slow (RR01) to fast (RR26)
				NR01–NR26	select the frequency to randomly ramp open slow (NR01) to fast (NR26), snap shut
				NS01–NS26	select the frequency to snap open, randomly ramp shut slow (NS01) to fast (NS26)
				OPEN	open the shutter
				D001–D255	select a dim value from dark (D001) to bright (D255)

Level 1	Level 2	Level 3	Level 4	Level 5	Description
PRST (cont.)	EDIT (cont.)	SN01 - SN16 (cont.)	PAN	-49.9– +49.9	select a pan value from -49.9% to +49.9% of the pan range
			TILT	-49.9– +49.9	select a tilt value from -49.9% to +49.9% of the tilt range
			COLC	Full Speed Mode	
				CON	continuous—select exact positioning at any point on the color wheel
				CYCL	cycles through colors with cyan channel setting cycle speed.
				RND	random—perform random color chase of 12 factory-selected colors using the three color wheels (speed set by cyan channel)
				MSpeed Mode	
				MCON	continuous—select exact positioning at any point on the color wheel
				MCYC	cycles through colors with cyan channel setting cycle speed.
				MRND	random—perform random color chase of 12 factory-selected colors using the three color wheels (speed set by cyan channel)
			CYAN	D000 - D255	select an exact position on the cyan color wheel from 0 (D000) to full saturation (D255) when COLC = CON
				L000 - L255	sets speed of CYCL mode from stop (L000) to full speed (L255)
				N000 - N255	sets speed of RND mode from stop (N000) to full speed (N255)
			MAGN	D000 - D255	select an exact position on magenta color wheel from 0 (D000) to full saturation (D255)
				CYCL	No function in CYCL or RND COLC modes.
				RND	
			YELW	D000 - D255	select an exact position on yellow color wheel from 0 (D000) to full saturation (D255)
				CYCL	No function in CYCL or RND COLC modes.
				RND	
			ZOOM	Z000– Z255	select a zoom value for a beam angle from 18° (Z000) to 33° (Z255)
			MSPD	252.7– 0.15	select a motor movement time in decimal seconds, from slow (252.7) to fast (0.15)
				0.15– 252.7	select a motor movement time in decimal seconds, from fast (0.15) to slow (252.7)
			MACR	MCOF	set all macro options off
				P00- P56	pan sweep macro from small to large
				TO	macros off
				T00– T56	tilt sweep from small to large
				CO	macros off
				C00– CC34	clockwise circle macro

Level 1	Level 2	Level 3	Level 4	Level 5	Description
PRST (cont.)	EDIT (cont.)	SN01-SN16 (cont.)	MACR	CCO	macros off
				CC00–CC34	counterclockwise circle macro
				MCOF	set all macro options off
			XFAD	X 0.1 - X 9.9	select the DIM and FCUS construct's crossfade time in increments of 0.1
				X 10 - X166	select the DIM and FCUS construct's crossfade time in increments of 1
			DLAY	D 0.1 - D 9.9	select the scene delay time in increments of 0.1
				D 10 - D166	select the scene delay time in increments of 1
			TIME	SEC	select seconds as the units of time used for the XFAD and DLAY constructs
				MIN	select minutes as the units of time used for the XFAD and DLAY constructs
			TIME (cont.)	HOUR	select hours as the units of time used for the XFAD and DLAY constructs
			ZERO	OK?	erase any programming of the current scene by voiding all construct values / mark the end of the loop
	COPY	FROM		FA01 - FA16	select a user A scene to copy from (source scene)
				FA01 - FA16	select a user B scene to copy from (source scene)
		TO		TA01 - TA16	select a user A scene to copy to (destination scene)
				TB01 - TB16	select a user B scene to copy to (destination scene)
	CAPT			SN01 - SN16	select a scene to capture a pre-programmed scene to (from your DMX controller)
	DFLT	OK?			enable the factory-programmed preset scene sequence (self-demo) / erases any preset scenes previously programmed
SET	SEND				send all presets in current user
	FACT			ON	set factory defaults on
				OFF	set factory defaults off
	SWAP			ON	set pan/tilt swap on
				OFF	set pan/tilt swap off
	T/IN			ON	set tilt invert on
				OFF	set tilt invert off
	P/IN			ON	set pan invert on
				OFF	set pan invert off
	DSPL			ON	set the LED display on
				OFF	set the LED display off
				DIM	dim the LED display
	D/IN			ON	select inverted LED display orientation
				OFF	select normal LED display orientation

Level 1	Level 2	Level 3	Level 4	Level 5	Description
MODE	LMPL			ON	enable lamp hour warning message
				OFF	disable lamp hour warning message
	DLOS			LONG	shutter will remain open until shutdown if DMX data is lost
				SHRT	shutter will close one second after DMX data is lost Note: In Studio Command H Models, the lamp will douse one second after DMX data is lost.
	USER	A			select user A settings
		B			select user B settings
		COPY	PRST	A →B	copy user A presets to user B
				B →A	copy user B presets to user A
			SETT	A →B	copy user A settings to user B
				B →A	copy user B settings to user A
			ALL	A →B	copy user A presets and settings to user B
				B →A	copy user B presets and settings to user A
	XLD				crossload fixture software to other Studio Command fixtures on the link
TEST	HOME				home the fixture
	LAMP			ON	strike the lamp
				OFF	extinguish the lamp
	BOOT				copy the boot sector
	SELF			ALL	self test all constructs
				PAN	self test pan movement
				TILT	self test tilt movement
				CYAN	self test cyan color wheel movement
				MAGN	self test magenta color wheel movement
				YELW	self test yellow color wheel movement
				ZOOM	self test zoom movement
				SHUT	self test shutter strobe movement
				DIM	self test dim flag movement.
	S/UP				place the fixture in setup mode for mechanical homing
	DISP				self test the LED display
	ENCD			ON	restore pan and tilt encoder operation
				OFF	disable pan and tilt encoder operation
	CODE				Factory use only

Level 1	Level 2	Level 3	Level 4	Level 5	Description
INFO	SENS	TILT			view whether the tilt sensor is obstructed ("ON") or is not obstructed ("OFF")
		PAN			view whether the pan sensor is obstructed ("ON") or is not obstructed ("OFF")
		TPOS			view the tilt position encoder status
		PPOS			view the pan position encoder status
	UNUM				Customer Service use only
	DMX	DMX Values displayed when standard protocol is selected			
		FIXT	BRKS		view the number of DMX breaks
			FE		view the number of DMX framing errors
			OV		view the number of DMX overruns
			STRT		view the DMX start code value
			PANH		view the DMX high resolution pan value
			TLTH		view the DMX high resolution tilt value
			TLTL		view the DMX low resolution tilt value
			COLC		view the DMX color control channel value
			CYAN		view the DMX cyan color wheel position value
			MAGN		view the DMX magenta color wheel position value
			YELW		view the DMX yellow color wheel position value
			ZOOM		view the DMX zoom lens position value
			SHUT		view the DMX shutter strobe value
			DIM		view the DMX shutter dim flag value.
			MSPD		view the DMX MSpeed time value
			MACR		view the DMX macro value
			CNTL		view the DMX control channel value
		DATA	C001 - C512		view the DMX data for the selected DMX channel
	TEMP	PCB			view the current temperature at the logic board (C)
		HEAD			view the current internal head temperature (C)
	F/RS				reset fixture hours to zero *(press and hold the <Enter> button for five seconds to change the value)*
	F/HR				view current number of fixture hours
	L/RS				reset lamp hours to zero *(press and hold the <Enter> button for five seconds to change the value)*
	L/ST				view the current number of lamp strikes
	L/HR				view the current number of lamp hours
	VER				view the fixture's software version