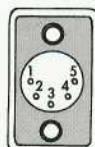
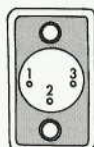


CHROMA/TRICROMA - INSTALLATION DATA

- During installation and service safety rules must be carefully respected
- Projectors can be installed in any position, provided that air can freely flow
- Lamps life is proportional to the times lamp is switched on/of, to the main voltage stability, to the working position - In particular, continuing to switch on an uncooled discharge lamp, its average life will be greatly reduced
- A flashing LED on the side panel means there isn't DMX signal connection
- Periodical cleaning of the optical surfaces (reflector, filters, lenses) is necessary to keep optical yield at a correct level
- Opening a warm projector could damage inner parts



- For signal cables give preference to shielded twisted pair cables (EIA 422/485), or coaxial cable (RG58/59)
- Long signal lines or bad quality cable make a line-termination load advisable (33÷470 OHM between pins 2-3). A DMX booster/repeater could be necessary installing many units and/or in case of very long signal cable

EVERY CHANGE IN ADDRESS/AUXILIARY FUNCTIONS SET UP MUST BE FOLLOWED BY A RESET (VIA DESK OR THROUGH THE PUSH-BUTTON DEEP-SET ON THE SIDE PANEL), OR BY A SEQUENCE POWER OFF-ON

+1	+2	+4	+8	+16	+32	+64	+128	A
1	2	3	4	5	6	7	8	COLOR ADDRESS CH1 (257)
•								+ 1
	•							+ 2
		•						+ 4
			•					+ 8
				•				+ 16
					•			+ 32
						•		+ 64
							•	+ 128

COLOR ADDRESS

CHROMA - The same rules for dimmer addressing can be used

TRICROMA - Using a single channel to select colors, the same rules for dimmer addressing are valid.

Using 3 channels, the two further channels automatically take the address of the two next channels -
For example: addressing channel 36, the 3 DMX channels driving the trichromatic system will be 36-37-38

+1	+2	+4	+8	+16	+32	+64	+128	B
1	2	3	4	5	6	7	8	DIMMER ADDRESS CH1 (257)
•								+ 1
	•							+ 2
		•						+ 4
			•					+ 8
				•				+ 16
					•			+ 32
						•		+ 64
							•	+ 128

DIMMER ADDRESS

To address the Dimmer to the DMX channel 25
25 = 16 + 8 + CH1

1	2	3	4	5	6	7	8
○	○	○	•	•	○	○	○

If it was channel 26
26 = 16 + 8 + 1 + CH1

1	2	3	4	5	6	7	8
•	○	○	•	•	○	○	○

It's important to highlight that, with all dipswitches in OFF position, DMX channel 1 is selected - That means channel 1 must be always considered in final address calculation. In both examples mentioned above, auxiliary selector "C" must be set for addressing the first 256 DMX channels.

C	AUXILIARY FUNCTIONS							
1	2	3	4	5	6	7	8	
○	○	○	○	•	•	•	•	DMX DRIVING FROM CH1 TO 256: first 256 DMX channel selection
○	○	○	○	•	•	•	•	DMX DRIVING FROM 257 TO 512: second 256 DMX channel selection
○	○	○	○	○	○	○	○	0 ÷ 10v ANALOG DRIVING: DMX interface is disabled - The 2 available channels control the inner dimmer and color-changer (Color on PIN 2 - Dimmer on PIN 3)
○	○	○	○	○	○	○	○	TRICROMA: COLORS ON 3 CHANNELS - The address of the first color channel is selectable thru "A" dip-switches; the 2 further channels follow
○	○	○	○	○	○	○	○	CHROMA: SLOW COLOR CHANGE - Apart from the selected color, color changes will take approximately 4 sec. All connected projectors set in this way will reach the target color at the same time
○	○	○	○	○	○	○	○	RESET ENABLE: Allows to reset the unit directly via desk, just setting the Dimmer channel to "O" and the Color channels to 100%
○	○	○	○	○	○	○	○	TRICROMA: AUTOMATIC CROSSFADING - The projector slowly crossfades its colors, without needing any external command.
○	○	○	○	○	○	○	○	CHROMA: COLOR CHANGE AFTER AUTOMATIC BLACKOUT
○	○	○	○	○	○	○	○	EFFECTS ENABLE: Models with MSR discharge lamp can be enabled for strobe emulation effect - 4 frequencies, selectable from 90 to 100% on dimmer channel. All models can be enabled for "rainbow" effect - 5 rotation speeds, selectable from 90 to 100% on color channel

AUXILIARY FUNCTIONS

- DMX DRIVING FROM CH1 TO 256: first 256 DMX channel selection
- DMX DRIVING FROM 257 TO 512: second 256 DMX channel selection
- 0 ÷ 10v ANALOG DRIVING: DMX interface is disabled - The 2 available channels control the inner dimmer and color-changer (Color on PIN 2 - Dimmer on PIN 3)
- TRICROMA: COLORS ON 3 CHANNELS - The address of the first color channel is selectable thru "A" dip-switches; the 2 further channels follow
- CHROMA: SLOW COLOR CHANGE - Apart from the selected color, color changes will take approximately 4 sec. All connected projectors set in this way will reach the target color at the same time
- RESET ENABLE: Allows to reset the unit directly via desk, just setting the Dimmer channel to "O" and the Color channels to 100%
- TRICROMA: AUTOMATIC CROSSFADING - The projector slowly crossfades its colors, without needing any external command.
- CHROMA: COLOR CHANGE AFTER AUTOMATIC BLACKOUT
- EFFECTS ENABLE: Models with MSR discharge lamp can be enabled for strobe emulation effect - 4 frequencies, selectable from 90 to 100% on dimmer channel. All models can be enabled for "rainbow" effect - 5 rotation speeds, selectable from 90 to 100% on color channel