

DMX to DMX Converter DMX-DMX50



Welcome to the DMX-DMX50 DMX to DMX Converter, which is mainly used for DMX Console (MA, Pearl, Tiger Touch) or light control system (MingRui, HDL, Lite-Puter, etc.) to connect the DMX Stand Alone lighting controller, invoking the lighting scenes already arranged in the controller. For the console, more LED luminaires can be invoked and controlled. For light control systems, you can control Beam Lights, Water Lights, Laser Lights, Lifting Lights and other stage lamps.

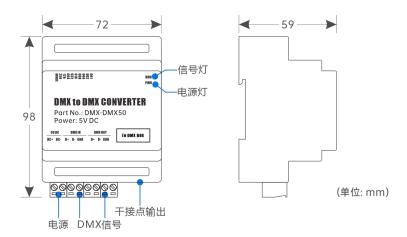
The module is compatible with the following DMX controllers: CQ-DMC2, DMX-CE27, SLESA-UE7 / U8 / U9 / U10, SUITE2-EC / FC / FC+ , DVC4-GZM / GOLD / FUN. With the DMX to DMX Converter, 50 lighting scenes can be switched by using only one DMX channel, making it easier for the lighting project.

1. Features

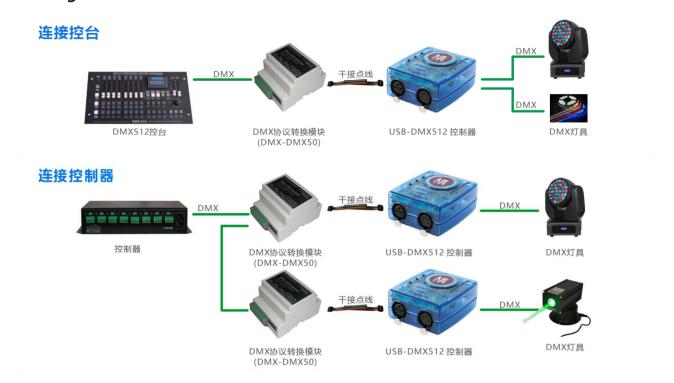
Part No.	DMX-DMX50				
Input Signal	DMX512	Power Voltage	5V DC, 0.3A		
Output	10P Dry Contact	Environment	IP20, 0°C~50°C		
Number of Scene	50 Scenes / 8 Scene	Dimensions	98*72*59mm (LxWxH)		



2. Dimensions

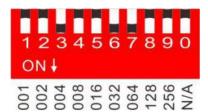


3. Wire Diagram



4. DMX Address

In practice, the DMX to DMX Converter is like a single-channel luminaire, and we need to set its DMX address using a DIP switch.



Use the DIP switch to set the starting address. The DIP witch is up by default, and the value up is 0. When DIP down, add up the address codes for all dialed-down to get the DMX address for the Converter.



Example: If the DMX50 address code is assigned to the main console is 100, as shown in the figure, the address 3, 6, 7 dials down, representing the address is: 4 + 32 + 64 = 100.

5. DMX Channels

The DMX-DMX50 channel table has two operating modes (8 and 50 scenes), 50 scene mode when the 10th dial switch is facing up, and 8 scene mode when the bottom is facing down, each mode channel parameters are shown below. (Channel parameter 0-255 for DMX Console, 0-100 % for Lighting Controller))

8 Scenes

Туре	Scene1	Scene2	Scene3	Scene4	Scene5	Scene6	Scene7	Scene8
				97-128	129-160	161-192	193-224	225-255
0-100%	10	20	30	40	60	70	80	100

50 Scenes

Туре	Scene1	Scene2	Scene 3	Scene4	Scene5	Scene6	Scene7	Scene8	Scene9	Scene10
0-255	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50
0-100%	1	3	5	7	9	11	13	15	17	19
Туре	Scene11	Scene12	Scene13	Scene14	Scene15	Scene16	Scene17	Scene18	Scene19	Scene20
0-255	51-55	56-60	61-65	66-70	71-75	76-80	81-85	86-90	91-95	96-100
0-100%	21	23	25	27	29	31	33	35	37	39
Туре	Scene21	Scene22	Scene23	Scene24	Scene25	Scene26	Scene27	Scene28	Scene29	Scene30
0-255	101-105	106-110	111-115	116-120	121-125	126-130	131-135	136-140	141-145	146-150
0-100%	41	43	45	47	49	51	53	55	57	59
Туре	Scene31	Scene32	Scene33	Scene34	Scene35	Scene36	Scene37	Scene38	Scene39	Scene40
0-255	151-155	156-160	161-165	166-170	171-175	176-180	181-185	186-190	191-195	196-200
0-100%	61	63	65	67	69	71	73	75	77	79
Туре	Scene41	Scene42	Scene43	Scene44	Scene45	Scene46	Scene47	Scene48	Scene49	Scene50
0-255	201-205	206-210	211-215	216-220	221-225	226-230	231-235	236-240	241-245	246-255
0-100%	81	83	85	87	89	91	93	95	97	100



6. Attention

- 1. The product is designed for low voltage and must use the correct DC constant voltage switching power supply;
- 2. Do not bring live wiring, wiring complete, check no short circuit, in order to power up!
- 3. Make sure that the wiring is correct and secure, avoid short circuit damage to components or trigger fire accidents.
- 4. Please install the product in a well ventilated place to ensure that there is a suitable ambient temperature.
- 5. This product should be avoided in minefields, strong magnetic fields and high-voltage areas.
- 6. In the event of a failure, do not repair it yourself, if in doubt, please contact the supplier.