

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) |

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

| Type | Scene1 | Scene2 | Scene3 | Scene4 | Scene5 | Scene6 | Scene7 | Scene8 |
|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0-255 | 1-32 | 33-64 | 65-96 | 97-128 | 129-160 | 161-192 | 193-224 | 225-255 |
| 0-100% | 10 | 20 | 30 | 40 | 60 | 70 | 80 | 100 |

50 Scenes

| Type | 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 |
| Type | 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 |
| Type | 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 |
| Type | 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 |
| Type | 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.