

HDL-MCR-DMX DMX Recorder

buspro

Datasheet

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Figure 1. DMX Recorder

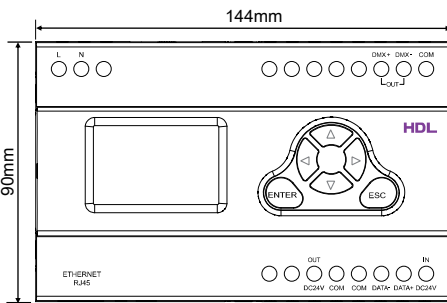


Figure 2. Dimensions - Front View

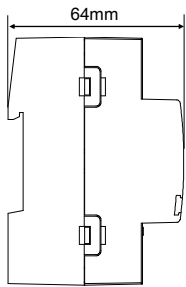


Figure 3. Dimensions - Side View

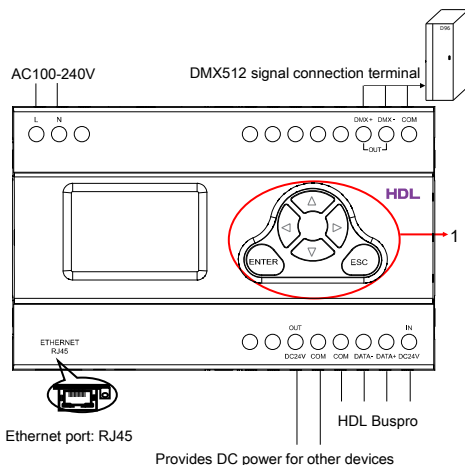


Figure 4. Wiring

Overview

DMX Recorder can record scene from another device and play it out. It can work with lighting console, DMX decoder, panel etc.

Functions

- PC remote operation, download program, play program, delete program
- Communication interface: HDL Buspro, RJ45
- Auto operate, auto record, auto play, auto delete, auto play. They have two modes: single or loop play.
- Panel for playing
- Master/slave recorder function
- Supports online upgrades
- Others: NET-DMX, DMX512, password protection, IP setting, storage view can be selected for DMX outputs.

Important Notes

- Buspro cable - CAT5E/ dedicated HDL Buspro cable.
- Buspro connection - Series connection (hand-in-hand).
- Power cable: 0.75mm² copper wire.
- DMX512 signal cable: three-core (of five-core) shielded audio cable

Product Information

Dimensions - See Figure 2 and 3

Wiring - See Figure 4

1. Control buttons

[ENTER] Confirm button

[ESC] Esc button

[▲] Page up - used for modifying the setting, when you press, the value will increase

[▼] Page down - used for modifying the setting, when you press, the value will decrease

[←] Left Move - used for selecting item and cursor location

[→] Right Move - used for selecting item and cursor location

Press the 4 direction buttons simultaneously for reset

Installation - See Figure 5 - 7

Step 1. Fix the DIN rail with screws.

Step 2. Buckle the bottom cap of the DMX recorder on the edge of the DIN rail.

Step 3. Press the device on the DIN rail, slide it and fix it up until an appropriate position is adjusted.

Safety Precautions

- The device must be mounted and commissioned by an authorized electrician. For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.
- The device should be installed with DIN rail in DB box. HDL will not be responsible for any consequence caused by the inexpert or faulty installation and wiring methods, which are not in accordance with the instructions contained in this operating instruction.
- Please do not privately disassemble or replace any parts of the product. Otherwise, it may cause mechanical fault, electric shock, fire or personal injuries.
- Please contact our after-sales departments or our designated service agencies for your maintenance service. Product failures caused by private disassembly are not subject to this warranty.

Package Contents

HDL-MCR-DMX*1 / Datasheet*1



Figure 5

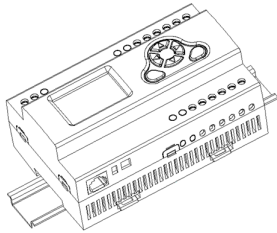


Figure 6

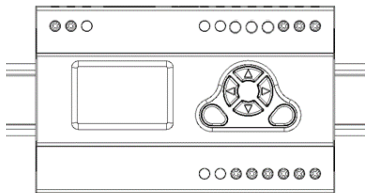


Figure 7

Figure 5 - 7. Installation

Technical Data

Basic Parameters

Working voltage	12~30V DC
Working current	200mA/24V DC
Input voltage	AC100-240V (50/60Hz)
Communication	HDL Buspro
Signal type	DMX512 (Version 1990)
Total capacity	256Mbytes
HMI	128x64 raster graphic LCD, 6 soft-touch buttons
Record time (up to capacity)	10400s, about 2hours and 50mins
Program number	Max.50

External Environment

Working temperature	-5°C~45°C
Working relative humidity	≤90%
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%

Specifications

Dimensions	144mm×90mm×64mm
Net weight	433g
Housing material	Nylon, PC
Installation	35mm DIN rail installation (See Figure 5 - 7)
Protection rating (Compliant with EN60529)	IP20

Name and Content of Hazardous Substances in Products

Components	Hazardous substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr (VI))	Poly-brominated biphenyls (PBB)	Poly-brominated diphenyl ethers (PBDE)
Plastic	o	o	o	o	o	o
Hardware	o	o	o	o	-	-
Screw	o	o	o	x	-	-
Solder	x	o	o	o	-	-
PCB	x	o	o	o	o	o
IC	o	o	o	o	x	x

HDL Buspro Cable Guide

HDL Buspro	HDL Buspro Cable	CAT5/CAT5E
COM	Black	Brown White/Orange White
DATA-	White	Blue White/Green White
DATA+	Yellow	Blue/Green
24V DC	Red	Brown/Orange

Technical support

E-mail: hdtickets@hdlautomation.com
 Website: <https://www.hdlautomation.com>

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