

Description

SB-DN-512DMX is a high performance DMX show controller developed by HDL. Other HDL devices, such as wall panels can control the DMX controller.

Environmental Conditions

Working Temperature: 0°~45°
 Working Relative Humidity: 20%~90%
 Storage Temperature: -40°~+55°
 Storage Relative Humidity: 10%~93%
 Protection Rating: IP2.0

Features

- 2-way data exchange for HDL Smart-Bus and Ethernet. Total 512 channels.
- Maximum 16 areas, 1024 scenes for each area. Scene run time may be set from 0.1second to 60 minutes.
- Maximum 99 show sequences, up to 255 steps for each sequence, time is from 0.1 second to 60 minutes, each sequence can be set to mode Forward, Backward, Random or Bounce.
- Soft DMX patching dimmer range from 001 to 512
- Built-in Ethernet port.
- Data Exchange function.
- Intelligent data exchange, reducing data flow.
- Remote programming and management function.
- Soft reset function, no need to turn off the power.
- Password to prevent unwanted modification.
- DMX512 signal output (1990 version).
- HDL-NET DMX signal output.
- Interface: HDL Smart-Bus.

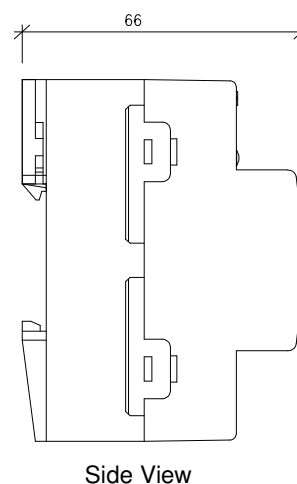
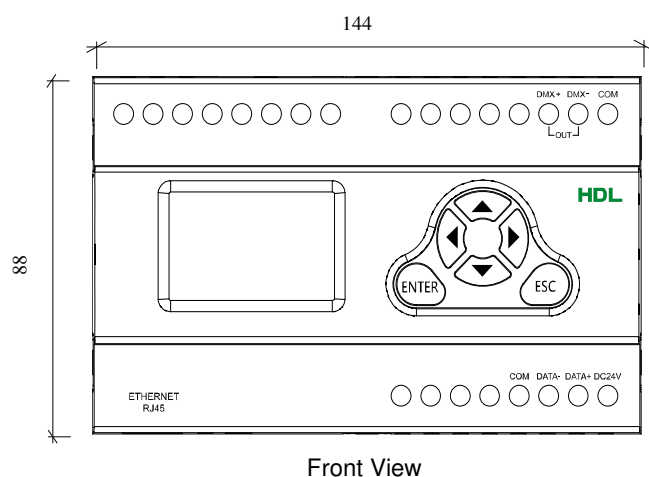
Performance Parameters

- Power Supply: DC12-30V
- Bus Power Consumption: 200mA/DC24V
- DMX Channel: 512ch
- Soft Patching Dimmer Range: 001 ~ 512
- Ethernet Port: 10Mbps/RJ45
- User Interface: 128×64 lattice LCD, 6 buttons
- Installation Type: Standard 35 mm Din-Rail
- Dimension: 144mm×88mm×66mm

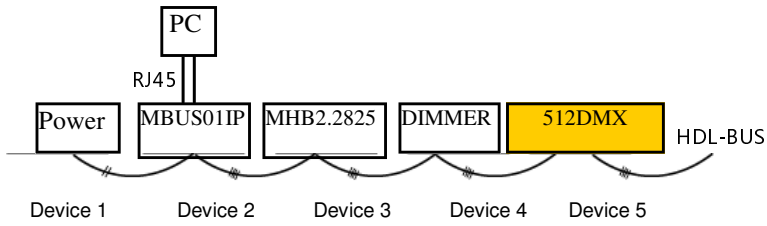
Installation Requirements

- Installation Type: Standard 35 mm Din-Rail in DB
- Power Cable: 0.75mm² Copper Wire
- Ethernet Cable: Cat5e

Installation Dimensions



System Connection Diagram

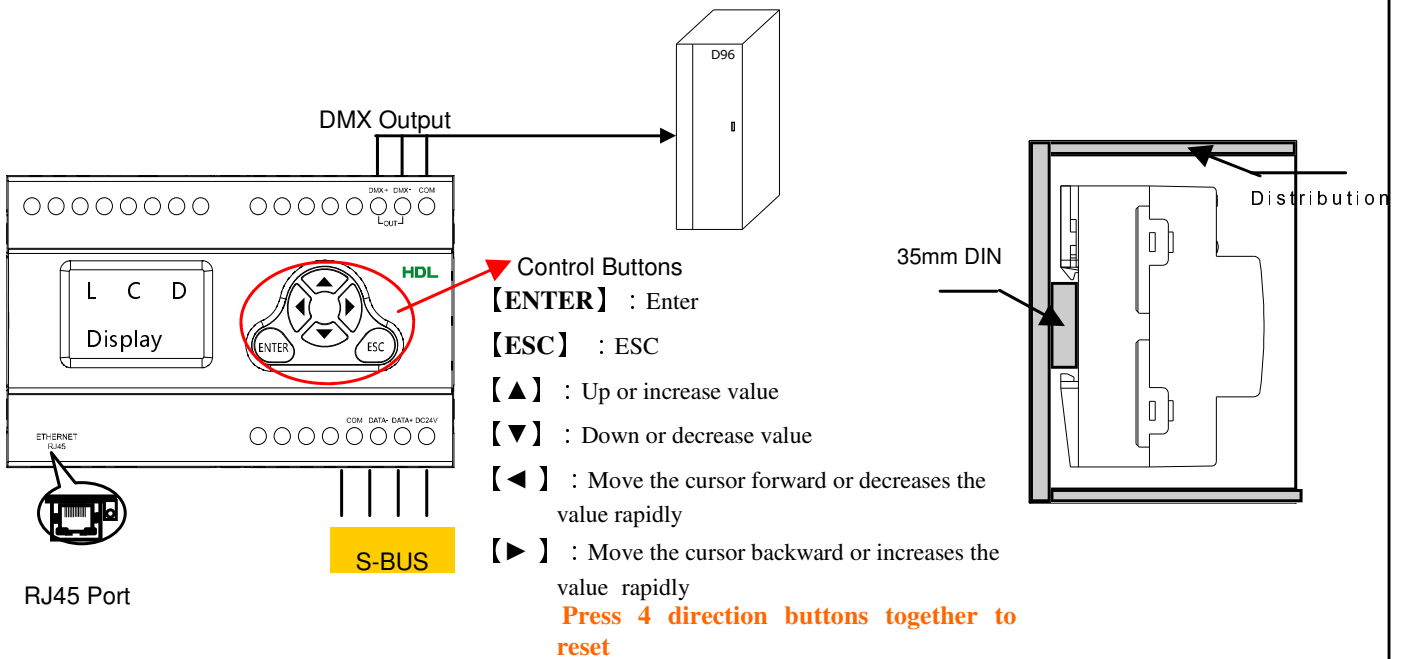


Recommended Connection: Daisy Chain

Smart-Bus Cat5 Definition

Brown White/ Orange White	COM
Blue White /Green White	DATA-
Blue/Green	DATA+
Brown/ Orange	DC24V

Wiring for Installation



Packing List

- SB-DN-512DMX 1PC
- Installation Manual 1 PC

Safety Use and Maintenance

- Read all instructions in detail before use.
- Ensure mounted equipment is well ventilated.
- Install in location that is free of moisture, vibration and dust.
- Do not allow contact with water or other liquids or corrosive gases.
- Contact authorised maintenance staff should this product require service.