

Description	Environmental Conditions
<p>SB-DN-512DMX is a high performance DMX show controller developed by HDL. Other device such as Wall panel can control DMX controller by HDL-BUS</p>	<p>Working Temperature: 0°C~45°C Working Relative Humidity: 20%~90% Storage Temperature: -40°C~+55°C Storage Relative Humidity: 10%~93% Protection Rating: IP2.0</p>

Features	Performance Parameters
<ul style="list-style-type: none"> 2-way data exchange for HLD-BUS and Ethernet. Total 512 channels, Property of Saltation and Gradual are available for each channel. Maximum 16 area, 1024 scenes for each area, maximum running time of the scene is 0.1s to 60 minutes. Maximum 99 show sequence, up to 255 steps for each sequence, Maximum running time of each step is 0.1 second to 60 minutes, each sequence has model of Forward, Backward, Random and Bounce. Soft DMX patching dimmer range from 001 to 512 Built-in Ethernet port. Data Exchange Function: <ul style="list-style-type: none"> Intelligent data exchange, reducing the data flow Remote programming and management function Soft reset function, no need turn off the power Password is available for illegal modification DMX512 signal output (1990 version) HDL-NET DMX signal output Interface: HDL-BUS 	<ul style="list-style-type: none"> 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 Requirement
<p>Installation Type: Standard 35 mm Din-Rail in DB Power Cable: 0.75mm² Copper Wire Ethernet Cable: Cat5e BUS Cable: Cat5e</p>

Installation Dimension

Front View

Side View

System Connection Diagram

Commended Connection: Hand in Hand

HDL-BUS Definition

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

Wiring for Installation

Control Buttons

- [ENTER]** : Enter
- [ESC]** : ESC
- [▲]** : Up or increase the value
- [▼]** : Down or decrease the value
- [◀]** : Move the cursor forward or decreases the value rapidly
- [▶]** : Move the cursor backward or increase the value rapidly

Press 4 direction buttons together to reset

Packing List

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

Safety Use and Maintenance

Read All Instructions in detail before use
 Make sure good Ventilation Environment
 Pay Attention to Water-proof, shake-proof and dust-proof when using
 Non-Rain, Non-Contact with other liquids or corrosive gases
 Should be dried in time if invaded by water or liquid
 Contact Professional maintenance staff or HDL company when Product has problem