



The **ArtSyncDMX Hub 8** is a powerful multi-protocol lighting control device designed for professional lighting environments, offering **bidirectional conversion between Art-Net, sACN (E1.31), and DMX512**. It seamlessly supports **Art-Net to DMX, sACN to Art-Net, and DMX to network protocol conversion**, ensuring smooth integration across modern lighting systems. With **8 independent DMX input/output ports** and flexible mode selection, it is ideal for live events, stage productions, and architectural lighting installations that require reliable, high-performance **multi-protocol Art-Net and sACN to DMX conversion**.

Key features

- **Multi-Protocol Support:** Supports **Art-Net, sACN, and DMX512** protocols for maximum compatibility across various systems.
- **Protocol Conversion**
Art-Net to DMX and DMX to Art-Net
Art-Net to sACN and sACN to Art-Net
DMX to sACN and sACN to DMX
- **8 Independent DMX Ports:** Eight fully isolated **DMX input/output ports** for flexible, reliable connectivity and control.
- **Mode Selection with LED Indicators:** Four LED indicators to display the current **operational mode**, ensuring easy monitoring and troubleshooting.
- **Wide Power Input Range: 9-24V DC input:** Supports a wide range of voltage inputs, making the device versatile and adaptable to different power sources.
- **Compact and Durable Design:** Built with a sturdy, professional-grade design to withstand the demands of live events and installations.
- **Plug-and-Play Functionality:** Easy integration with existing systems, eliminating the need for complex setup procedures.
- **Professional Applications:** Ideal for use in **live events, architectural installations, and theatre productions, musical fountain shows, light and sound shows** providing precise control and reliability.
- **Static or DHCP IPv4 Networking:** Offers flexibility with Static IP or DHCP for IPv4 networking, allowing for easy network configuration and seamless integration into existing systems.

Specification

Connectors	8 x 3 pin terminal (DMX IN / OUT)	Input Voltage	9-24V DC
	1 x 2 pin terminal (DC INPUT 9-24V DC)	Input Current	450mA
	1 X RJ45 Ethernet (LAN) interface		
IP rating	IP20	Mounting options	Din-Rail mount (Optional)
LED indicators	Yes	Unit weight	170 gm
Protocol Supported	Artnet, sACN, DMX512	Unit dimensions	135 x 110 x 30 mm
Body material	PETG / ABS	Warranty	1 year

Safety

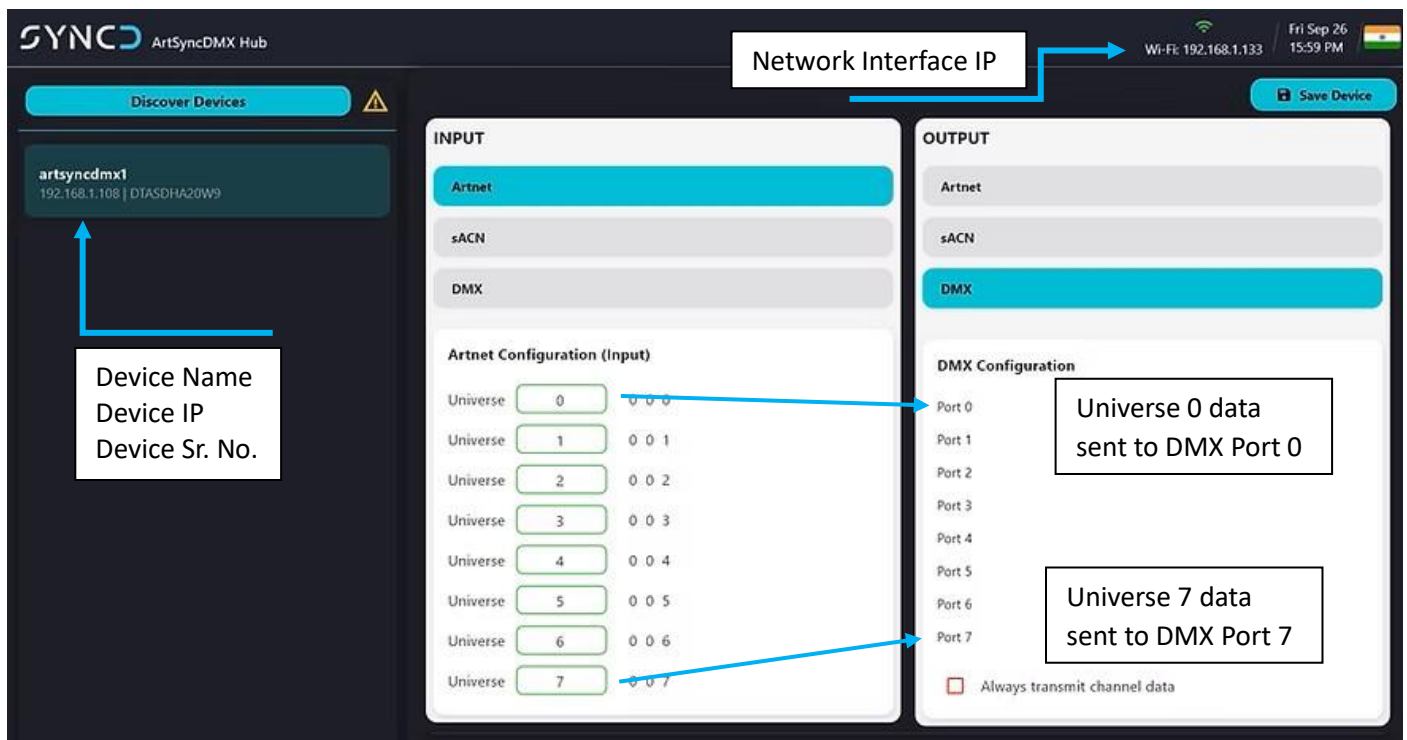
- Refer to the manuals or documentation of your DMX fixtures and adapters to confirm the pinout configurations.
- The device relies on convection cooling; therefore, ensure it receives adequate airflow to effectively dissipate heat.
- If unsure, use a multimeter to test continuity and confirm the pinout of the cables and connectors.
- Ensure the device is kept away from rain or moisture as it is designed solely for indoor use.
- Avoid removing the cover as it contains no user-serviceable components.
- Do not attempt to repair the device yourself. Contact authorized service personnel for repairs.
- Make sure your installation is safeguarded against short circuits and overcurrent.
- Verify all connections are complete and fully secured before powering the device.
- Additionally, never connect DMX ground (GND) to an electrical earth connection.

Steps to Connect

- Power on the device.
- Connect the Ethernet cable from the device to the PC (ensure both are on the same network).



- Open the **ArtSyncDMX Hub** software. [Download Software: ArtSyncDMX Hub.](#)
- Select the input protocol and desired **output type from available conversion.**



(Example: Here ArtNet is set as input and output is DXM)

- Change Network Settings as per requirement.

Network Settings

Device Name:

artsyncdmx1

Mode:

☐ DHCP
 ☒ Static

IP Address:

192.168.1.108

Gateway:

192.168.1.1

Subnet:

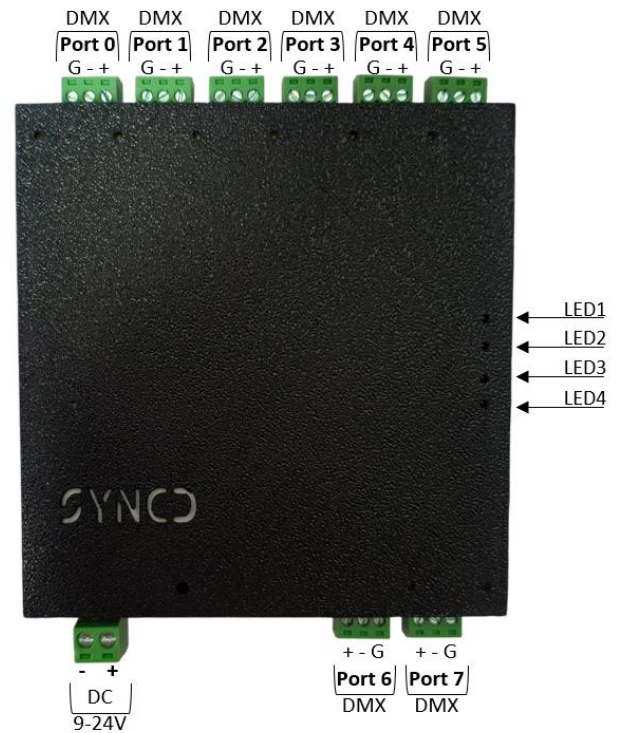
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Modes of Operation

ArtNet to DMX	Translates ArtNet data to DMX512 for controlling physical DMX fixtures.
DMX to Art-Net	Captures DMX512 input and converts it to ArtNet protocol for network systems.
sACN to DMX	Translates sACN protocol data to DMX512 for direct DMX fixture control.
DMX to sACN	Captures DMX512 input and converts it to sACN protocol for modern networks.
ArtNet to ACN	Converts ArtNet data to sACN protocol for networked lighting control.
sACN to Art-Net	Converts sACN protocol data to ArtNet for compatibility with ArtNet systems.

LED Indicators for Modes of Operation

Mode	Function (IN)	Function (OUT)	LED1	LED2	LED3	LED4
1	Art-Net	DMX	BLINK	ON	ON	OFF
2	DMX	Art-Net	OFF	ON	BLINK	ON
3	sACN	DMX	BLINK	ON	OFF	OFF
4	DMX	sACN	OFF	BLINK	ON	ON
5	Art-Net	sACN	BLINK	BLINK	ON	OFF
6	sACN	Art-Net	BLINK	BLINK	OFF	ON



For more info, VISIT: **ArtSyncDMX Hub 8**

Box contents

1 X ArtSyncDMX Hub 8 (Product ID: DTASDH8.0) (SKU: 10808)

* The details in this document may be updated, modified and subject to change.

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