

DALIGate DIN

ArtNet/sACN/DMX to DALI converter

Version: 2.20
22 Jan 2019



DALIGate DIN is DIN rail mounted converter that converts ArtNET/sACN/DMX signal into DALI protocol to include DALI lighting fixtures into controllable lighting network.

With DIN rail mounting hassle-free installation and ArtNET/sACN/DMX input, DALIGate DIN is ideal as indoor solution for mixed lighting control purposes in theatres, small venues, architectural installations, industrial, warehouse, and agricultural lighting.



DMX Bi-Direct



User-Friendly
Web Interface



Supports RDM



Galvanically
Isolated Ports



Natural Heat
Convection



Permanent
Laser Engraving



Trigger Input

Advantages

Work with DMX, ArtNet and sACN

Converting options are channel-to-channel, channel-to-device, and channel-to-group

Custom grouping of lights

Automatically detect DALI lights in network through web interface with no extra software

Maximum surge protection – power supply optimized for voltage from 100 to 315 V

Full galvanic isolation of all ports

Alarm triggered pre-programmed scenarios

Test button support (fixtures test, device reset to default)

Fixture search mode without readdressing

Application

Control DALI lights by DMX / ArtNet / sACN



Networking Solutions
for Entertainment
and Theatrical Lighting

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Technical Specifications

Mechanical

- Housing: DIN mounted case (8 modules)
- Material: Metal, Plastic
- Dimensions, mm: 142(D) x 105(H) x 75(W)
- Mass: 0.45 kg
- Mounting: Power cabinet

Power & Electrical

- Power supply: ~90-250 VAC, 50/60 Hz
- Input Power (max): 5 W
- Mains Fuse: 0.5 A

Environmental

- Operating Temperature: -40...+70°C
- Storage Temperature: -50...+80°C
- Operating Relative Humidity (max): 95%
- IP Rating: IP 20
- Certification: CE, RoHS
- Warranty: 36 Month (Return to base)

Control / Data Connections

- Supported protocols: DALI, DMX512, RDM, ArtNet I, II, III, IV/ sACN
- Data refresh rate: 44 Hz

Inputs / Outputs

- DMX ports: 1 isolated
- DMX connectors: Terminal blocks 15EDGVC
- Controllable output lines: 2 or 4 DALI
- Ethernet port: 10/100 Base-TX

Configuration / Indication

- Setup: Web-interface
- Indication: DMX, DALI, Ethernet LEDs

Package Contents

- DALIGate DIN
- Connectors kit
- User guide

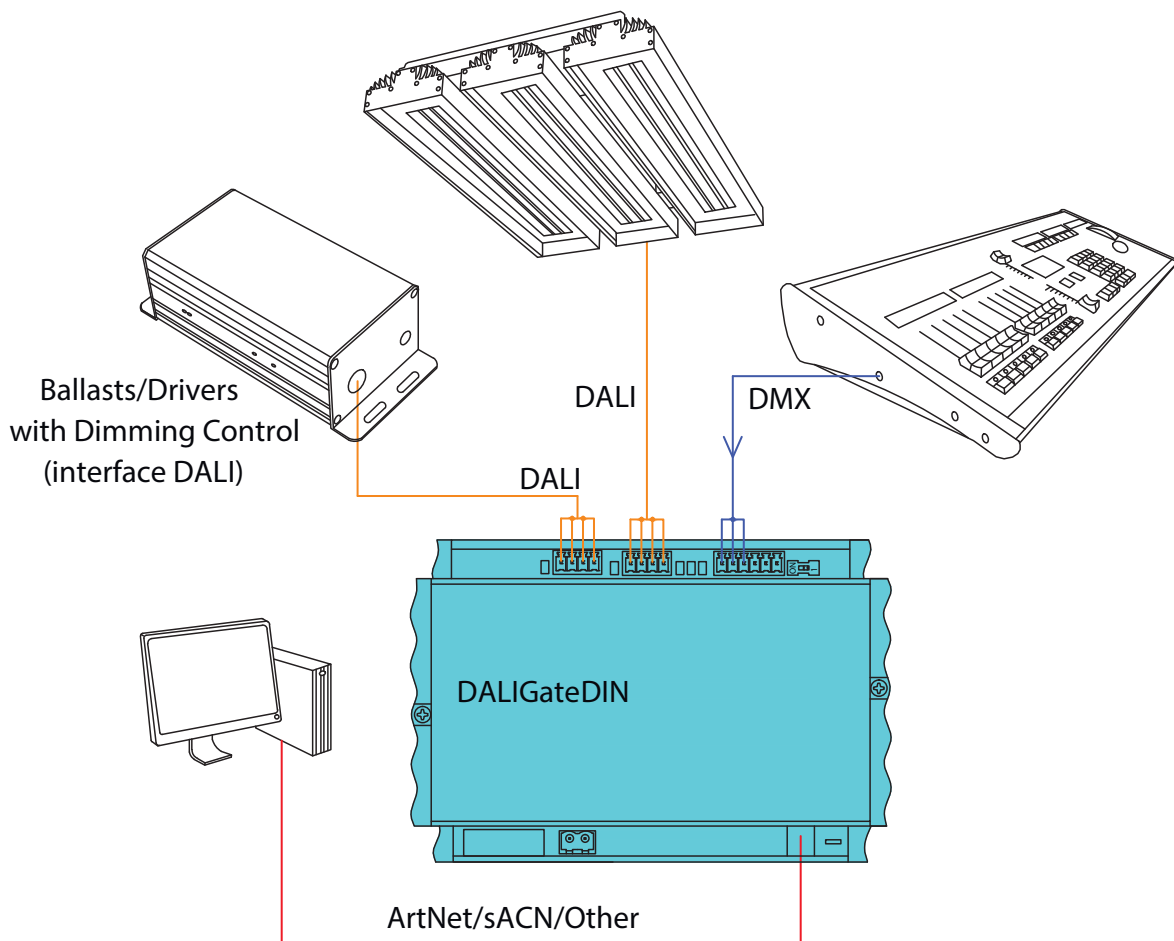
Product Line

Name	Modification	Product code
DALIGate DIN	4 DALI inputs/outputs, 1 DMX port	DGD-1-DE4DAL

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Connection Scheme



Accessories

Name	Product code
DIN rail mounting kit	MCA-1-DIN
Waterproof box (IP65)	MCA-1-IP65
Ethernet Cable 3m	DMX-ACC-ETH-0300

Disclaimer

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. No liability accepted for errors or omissions. Always make sure to use the most recent release and contact Sundrax Electronics to verify correctness before placing your order.