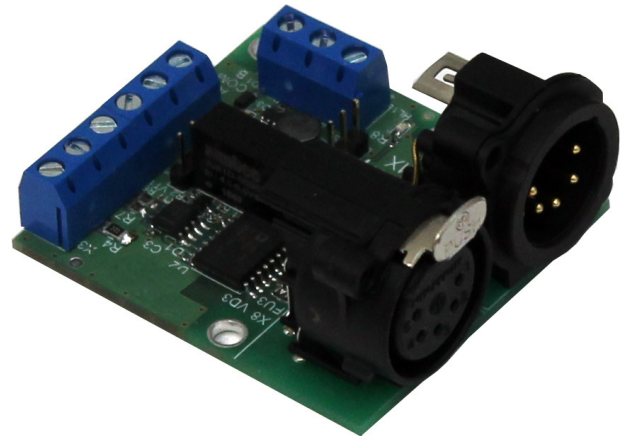# IsoGate Compact OEM

Optical isolation + DMX repeater OEM board

OEM board for integration into third-party fixtures and installations. IsoGate Compact OEM is capable to amplify DMX512 signal or other signals based on RS-485 physic.

Advantages

Galvanic isolation

Powered from 5VDC or 9-36VDC

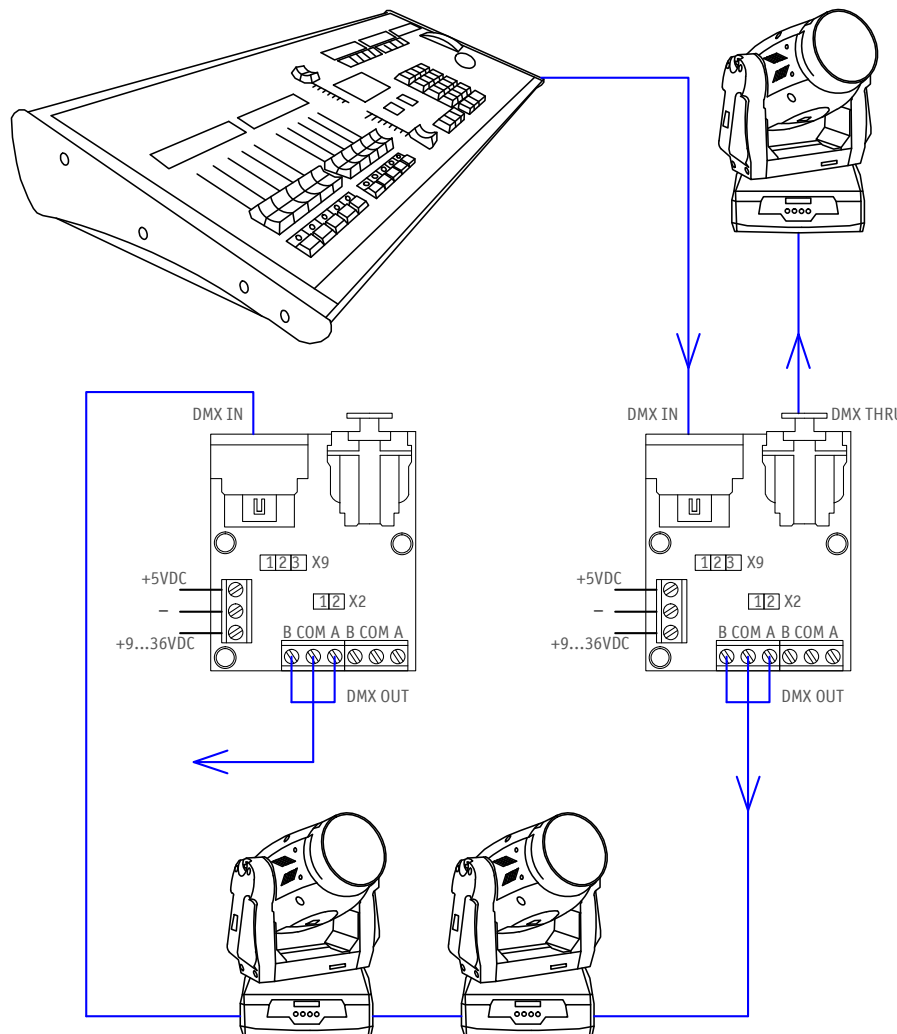Customisable direction

Terminal connectors and XLRs

UltraStart

Natural Heat Convection

+ 44 (0) 208 991 33 19
office@sundrax.com
www.sundrax.com

IsoGate Compact OEM

Optical isolation + DMX repeater OEM board

Technical Specifications

Mechanical

Housing: no (OEM)
Dimensions, mm: 58(D) x 27(H) x 50(W)
Mass: 0.05 kg
Mounting: stage equipment, lighting fixtures, etc.

Power & Electrical

Power supply: 5VDC or 9-36VDC
Input Power (max): 1W

Environmental

Operating Temperature: -20…+60°C
Storage Temperature: -50…+70°C
Operating Relative Humidity (max): 95%
IP Rating: IP 20
Certification: CE, RoHS
Warranty: 36 month (return to base)

Inputs / Outputs

DMX ports: 2
DMX connectors: XLR, terminal connectors

Configuration / Indication

Setup: 2 jumpers
Indication: LED for power

Package Contents

IsoGate Compact OEM

Product Line

Name	Modification	Product code
IsoGate Compact OEM	2 DMX ports (5-pin, terminals) DC 5-36 V	IGC-5-1D-OEM

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Connection Scheme

When using **5 VDC** power source, set jumper at **1 and 2** pins of **X9**.
When using **9-36 VDC** power source, set jumper at **2 and 3** pins of **X9**.

To select XLR sockets as input and terminal connectors as output: do not set jumper at X2.
To select terminal connectors as input and XLR sockets as output: set jumper at X2.

Accessories

Name	Product code
Adapter (5-pin)M - (3-pin)F	DMX-ACC-5M3F
Adapter (5-pin)F - (3-pin)M	DMX-ACC-5F3M