

Last information update: September 2024



Accessory code

X579: Art-Net/SPI Gateway with 2 x SPI outputs with 1024 channels (total 2048 channels)

Technical description

Art-Net / SPI (Serial Peripheral Interface) Gateway with 2 x SPI outputs with 1024 channels, totalling 2048 channels. Synchronous type communication (Data, Ck), that allows high speeds to be reached - up to 60fps*- and improves the definition of dynamic effects. Each output can operate a max line of 21 m of Underscore InOut Pixel (256 "dots" RGBW). Tot. 42 m.
Ethernet side: 2 x RJ45 ports are available for connecting the Art-Net signal (DMX over Ethernet) in sequence (max 48 in/out Gateway). Equipped with an alphanumeric display (16x2) and 4 directional buttons for setting and controlling shows. The 3 rotary switches on the front allow the setting of the least significant byte of the assigned IP. Power/Mode/Boot/OK warning LEDs and multicolour state LED for the 2 SPI outputs. The Gateway includes an auto-addressing function for the sequential patching of each SPI output. An onboard micro-SD memory allows shows to be recorded so they can be used in stand-alone mode, in the event of a Gateway being applied as the only control device. The gateway must be powered with an iGuzzini range 24 Vdc power supply unit. Absorbed power 4 W.

Installation

Mounted on the DIN bar inside the electrical boxes. Includes 2 slots on the back for fastening with screws.

Colour

Indeterminate (00)

Wiring

- 24 Vdc power supply connector on upper side.
- 2 x Ethernet RJ45 communication ports for Art-Net located on lower left side.
- 2 x SPI RJ45 output ports on the lower right side (GND/DATA/CLK/BAL).
- Maximum approximate distance from SPI output to first luminaire = 100 m using the PD18 item code and Cat.≥6 Ethernet cable.

Notes

(*) The maximum speed depends on the number of pixels and the system architecture

Complies with EN60598-1 and pertinent regulations



IP20

Technical data

Control: SPI