

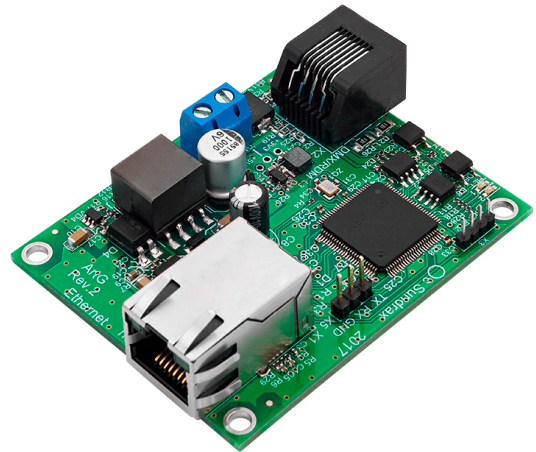


## ArtGate Board

ArtGate Board is intelligent Ethernet / DMX protocol converter with functions of merging (merging), data backup and is an effective solution for controlling light equipment based on the DMX512 interface.

A feature of the converter is its versatility, which is expressed in the possibility of various transformations, mergers (merging), protocols DMX512, RDM (ANSI E1.20), ArtNet (1,2,3,4), sACN (Draft, Release), KiNet (v1, v2), RTTrPL, transmission data of these protocols via Ethernet, as well as the ability to building different combinations of receiving / transmitting signals.

The device can be powered at the same time (for redundancy power supply) or separately, as from a constant voltage of 5V, and using the IEEE 802.3af (Power over Ethernet (PoE)) standard. To configure the equipment, you can use built-in Web-interface, ArtGate Setting utility, third-party software supporting ArtNet protocol, or unique specially developed software ARISTO. The device is designed in a packageless performance and can be used at positive temperatures indoors and on covered areas. Flexibility in the possibilities of placing the device is characterized by its small size, allowing the device to be installed in various "hatches", niches or in the case of third-party equipment.



### Benefits

Frameless execution

Supports DMX512, ArtNet (1,2,3,4) protocols, RDM (ANSI E1.20), sACN (Draft, Release), KiNet (v1, v2), RTTrPL

Save function for setting profiles

Fixed IP address support for access to settings

Intuitive web interface

Support for various merging modes

HTP, LTP, AUTO, PRIORITY

### Application area

For use in various halls and sites with need to transmit more DMX streams using Ethernet

For control and flexible lighting control via a single Ethernet network

To ensure the conversion of video content of the media server to DMX streams when using equipment of the DMX512 standard

To ensure interaction between various modern software and various DMX fixtures

For real-time control of video projectors

and laser devices supporting ArtNet or sACN, from DMX console

To work with CAST BlackTrax equipment

via RTTrPL protocol

## Technical specifications

### Mechanical

Housing: No

Dimensions, mm: 67 (L) x 15 (H) x 54 (W)

Weight: 0.05 kg

Installation: stage equipment,  
lamps, etc.

### Power & Electrical

Power supply: 5V or PoE

Max Power Consumption: 1W

### Environmental

Operating temperatures: 0 ... + 60 ° C

Storage temperatures: -50 ... + 70 ° C

Max. relative humidity: 95%

IP Rating: no

Certificates: EAC, CE, RoHS

Warranty: 36 months

### Control / Data Connections

Supported protocols: DMX512, RDM,

ArtNet I, II, III, IV, sACN draft, release, KiNet v1, v2  
RTTrPL

Refresh rate DMX data: 44 Hz

### Inputs / Outputs

DMX ports: 1

DMX connectors: RJ-45

Ethernet ports: 1 (10/100 Base-TX)

Ethernet connectors: RJ-45 / etherCON

### Configuration / Indication

Configuration: web interface, ArtGate settings

Indicators: LED, for DMX and Ethernet

### Package Contents

ArtGate Board

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### Product line

Modification

ArtGate Board

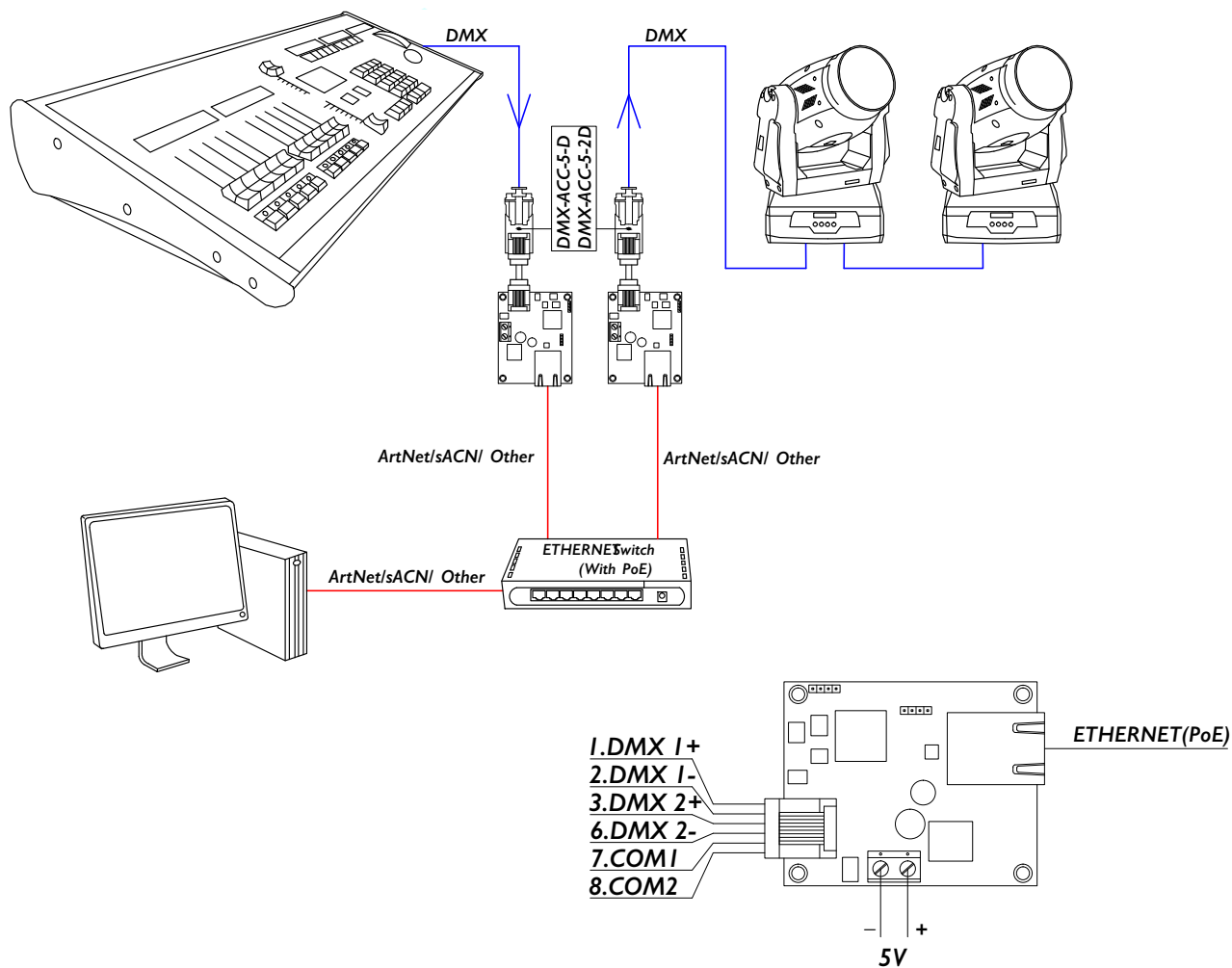
Vendor Code

AGB-6-2DE

# ArtGate Board

Version: 4.00  
20.01.21

## Connection diagram



Specifications and appearance of Sandrax Electronics brand equipment are subject to change without notice.

## Аксессуары

### Name

- Ethernet cable, RJ45, 3m
- DMX cable (5-pin) M / (5-pin) F, 0.5m
- DMX cable (5-pin) M / (5-pin) F, 3m
- Adapter (5-pin) M / (3-pin) F
- Adapter (5-pin) F / (3-pin) M
- Adapter for ArtGate Board, 1 (5-pin) M / RG45
- Adapter for ArtGate Board, 2 (5-pin) M / RG45
- Surface mounting kit for Board series

### Vendor Code

- ACC-CCE-XI/RJ3
- ACC-CCDMX-5F/5M05
- ACC-CCDMX-5F/5M3
- ACC-AD-N5M/N3F
- ACC-AD-N5F/N3M
- ACC-AD-RG45/N5M
- ACC-AD-RG45/2N5M
- ACC-MK-BO-SUR