

ADU-202

Amplifier-distributor unit NMEA 0183
with integrated combiner



Main Features:

ADU-202 is a band-new NMEA 0183 amplifier-distributor device produced by "Unicont SPb" company.

The device can operate both in usual amplification-distribution mode with high baudrate, and in combining mode. It provides its universality and easy integration.

Integrated backward channel lightens the device's installation and integration.

Technical Description:

- 2 inputs: active channel manual or automatic selection.
- 8 outputs RS-232 and 8 outputs RS-422/485
- 2 output ports have the backward channel
- Baudrate: up to 230400 bps
- 5 operating modes (including combining mode)
- Indication: operating mode, data receiving and transmission, current active channel



Inputs' Characteristics:

Baudrate: up to 230400 bps
Input interfaces: 2 inputs RS-232 and RS-422 with backward channels to outputs A1 and B1
Isolation: All inputs and outputs are optoisolated

Outputs' Characteristics:

Output data: repeats input data in distribution mode, or combined data of 2 inputs in combining mode.
Output quantity: 2 groups (A and B), 4 channels in everyone. Each channel has 2 interfaces (RS-232 and RS-422/485)

Approvals:



Type approval certificate of Russian Maritime Register Of Shipping

Operating modes:

Combiner: combined data from inputs A and B is transmitted to output groups A and B
Independent: data from input A transmit to output group A, data from input B is transmitted to output group B
Distributor: data from current active channel (A or B) is transmitted to output groups A and B
Independent combiner: combined data from inputs A and B is transmitted to output group A, data from input B is transmitted to output group B

General Characteristics:

Power voltage: 12..24 VDC
Overall dimensions: 244x144x55

Overall Dimensions Outline Drawing:

