

# 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:

