

DAC-109

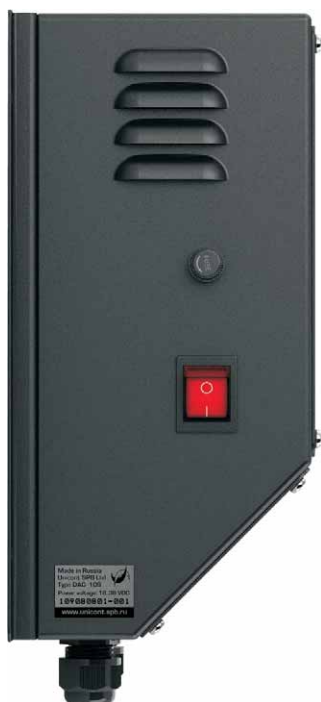
Universal NMEA to Synchro Converter



Main Characteristics:

Universal NMEA to Synchro Converter is intended to converting a digital value of course, which is received in the sentence NMEA, into the synchrosignals which are necessary for controlling analogue repeaters and other devices based on synchros.

In addition, the converter **DAC-109** may be used as a digital repeater for displaying a current value of course.

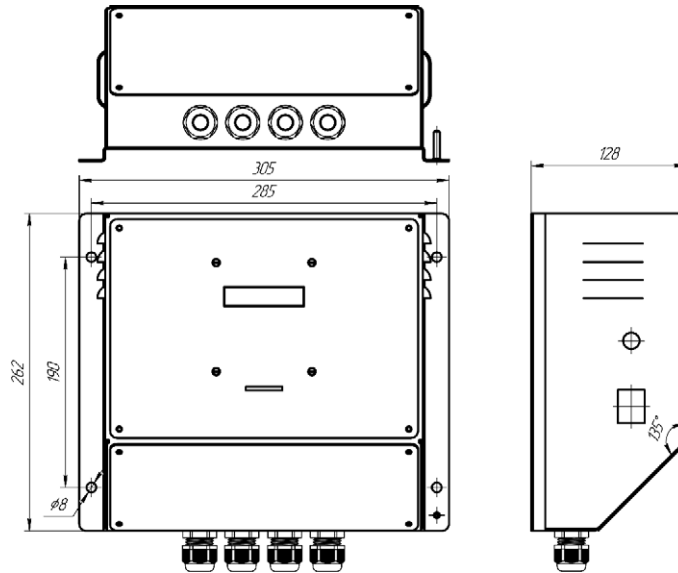


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Overall Dimensions Outline Figure:



Electrical Characteristics:

Power supply voltage	18..32 VDC
Output voltage	120 VAC (400 VAC - at option)
Power supply protection of the converter . . .	against polarity reversal, overvoltage, overload
Maximum summary power consumption of connected synchros.	150W (400 W - at option)
Types of connected analogue repeaters	Synchro
Frequency of the output alternating voltage .	50 Hz / 500 Hz

Characteristics of Digital Inputs

Number of digital inputs NMEA	2 x RS-232/422/485 (1 basic + 1 reserve)
Maximum data receive rate	115 200 bps
Protection.	The inputs are optoisolated, galvanically isolated from the mains supply
Supported link protocols	NMEA 0183 versions 1 and 2, with a check sum and without it
Supported sentences NMEA	HDG, HDT, HDM

Operating Characteristics

Overall dimensions	262x305x128
Weight	no more than 6 kg
Temperature of operation	-20..+55 °C
Storage temperature	-55..+75 °C
Protection class	IP 22