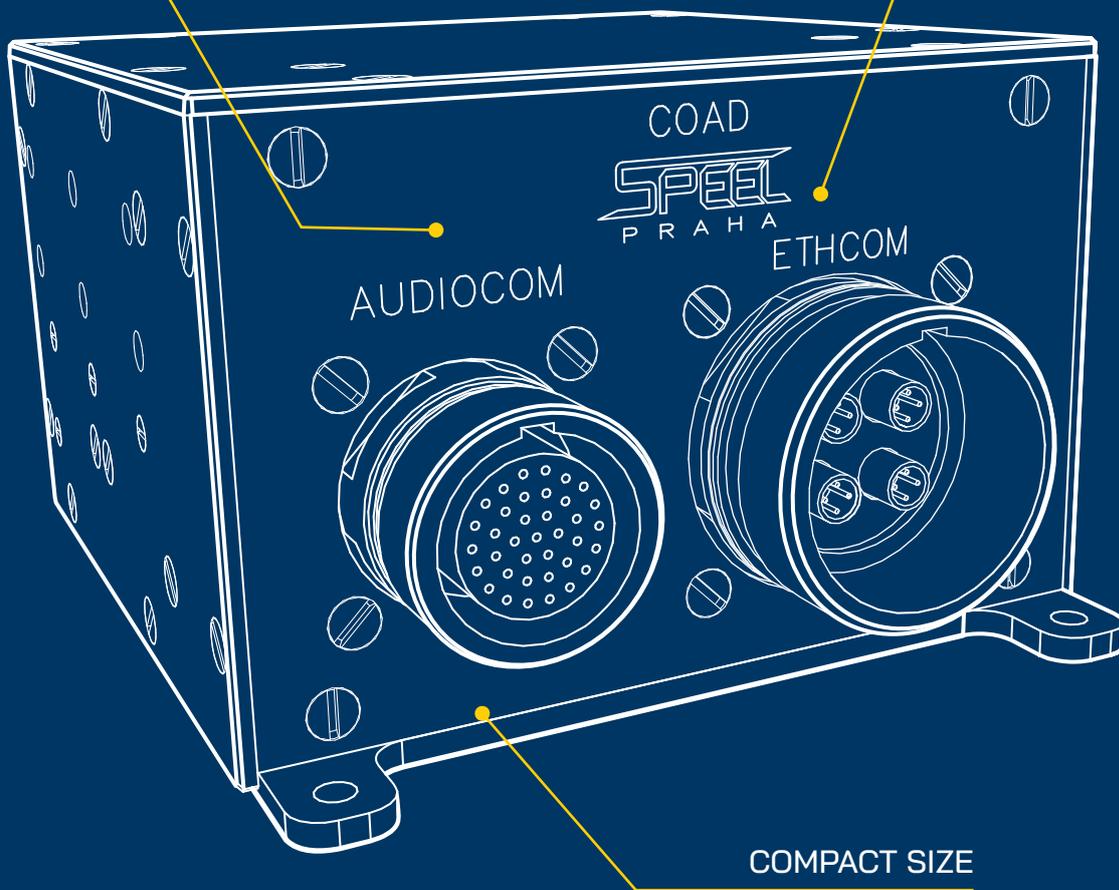


4-CHANNEL AUDIO  
SIGNAL PROCESSING

4-PORT ETHERNET SWITCH



The Concentrator of Aircraft Data, COAD, combines data received from all Flight Data Acquisition Units integrated in the system via RS422 data links together with digitized audios into a data stream which is transmitted via a fast Ethernet data link to the Crash Recorder.

COAD

## Concentrator of Aircraft Data

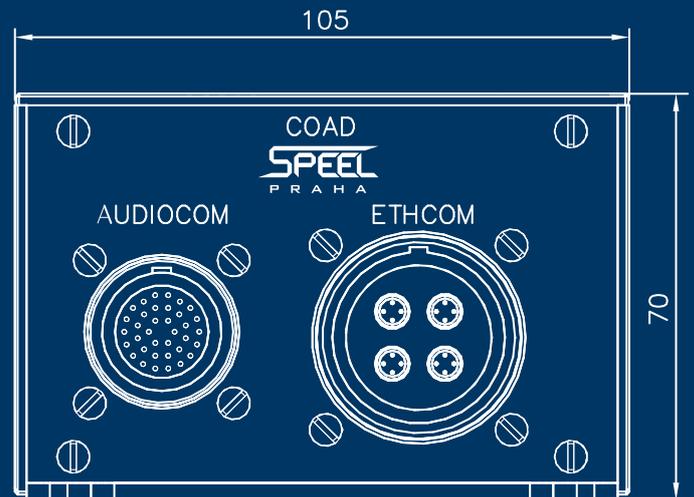
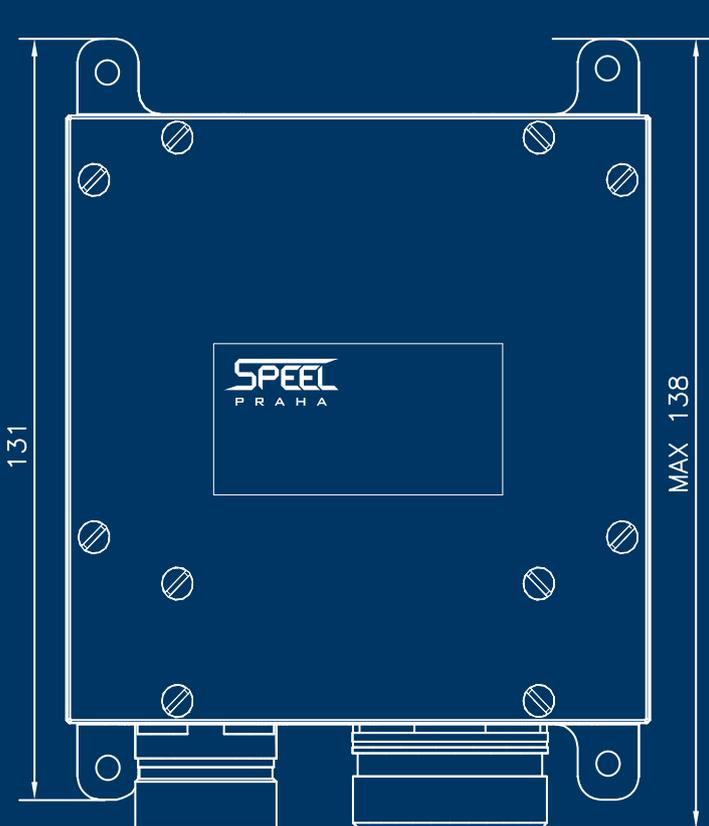
The COAD unit is part of SPEEL's CVFDR system.

## Technical Specifications

Dimensions (w/h/l)	135x105x70 [mm]
Weight	< 1.5 kg
Power Supply	18 VDC to 33 VDC
Power Consumption	< 5 W
Digital Interfaces	4x Ethernet 10Base-T / 100Base-TX 2x RS422
Audio Inputs	3x 150-3500 Hz 1x 150-7500 Hz
Audio Compression Algorithm	ADPCM (according to ITU G.726)
Environmental Compliance	MIL-STD-810E
Operating Temperature Range	-54°C to +71°C
MTBF	>10000 FH

[HEAD-UP DISPLAY]

[CVFDR]



COAD

## Concentrator of Aircraft Data

**SPEEL**  
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