



### Technical Specifications

- PCM modulator and demodulator: 8 bit coding with compression, m or A selectable, 2 channels for transmission and 2 channels for reception, passing band from 300 Hz up to 3400 Hz
- PAM modulator and demodulator: two channel time division, sampled, but not quantified signal, external analogue filters, passing band from continuous to 3400 Hz
- PWM and PPM modulator and demodulator: single channel with passing band from continuous to 4000 Hz, conversion of the PWM signal to PPM and from the PPM signal to PWM, PFM modulator and demodulator: single channel with passing band from 300 Hz to 3400 Hz, circuit realization with the use of a PLL, delta modulator and demodulator: single channel with passing band from continuous to 3400 Hz
- Timing: generated by a single system with the use of a CPLD
- Noise generator: possibility to adjust the noise that is superimposed to both analogue and digital signals
- Analogue filters: 2 analogue filters with 4000 Hz limited band
- Output amplifier: 2 amplifiers able to pilot a small loudspeaker
- Microphone amplifier: microphone amplifier with automatic gain control, adjustable volume
- The faults is inserted by microswitches and by software
- the module is connected to PC through the power supply item No. 76 by a EISA BUS 31+18 interface
- The module is supplied with software. Connections and testpoints by 2mm terminals.  
Dimensions: 297x260mm.

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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