



Technical Specifications

- The boards is represent a complete communication system, operating at a frequency of about 1.4 MHz.

Boards:

- Transmitter: the board is include the audio amplifier, the modulator with local oscillator at about 455 kHz, the SSB filter with intermediate frequency amplifier, the radio frequency converter with a 1 MHz oscillator and the antenna stage. Complete with testing tone generator and dummy load.
- Power supply: ± 15 Vdc, 300 mA.
- Performable exercises: local oscillator, modulator, SSB filter, converter, RF amplifier, power amplifier, performance measurement and alignment of all the stages that compose the transmitter, realization and study, together with the receiver, of a complete communication system
- Receiver: the board include the fixed tuning antenna circuit and the radio frequency amplifier, the converter with local oscillator at 1 MHz, the intermediate frequency amplifier and the SSB demodulator with the beat oscillator, the audio amplifier and the loudspeaker.
- Power supply: ± 15 Vdc, 300 mA
- Performable exercises: performance of local oscillators (LFO) and beat frequency oscillators (BFO) for demodulation, performance of the RF amplifier, of the IF stage, of the demodulator, of the audio amplifier, receiver alignment, realization and study, with the transmitter, of a complete communication system.

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



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