

HD/SD Portable Receiver Integrated Decoder and Multi-Mode Demodulator

Features:

- HD/SD-MPEG2 decoding
- Multiple demodulation; FM, COFDM, VSB, QAM, DVB-S
- Single, dual and tri-band
- Auto detection of all DVB-T compliant set-up parameters
- Front panel display of BER, MER, link quality and RCL
- Internal 810 MHz spectrum viewer, optional
- Easy to use, fifteen quick-store user defined preset keys
- Front panel smart display for total system set-up capability
- Outputs: video/composite, audio (analog and digital AES/EBU), SDI (with embedded audio) ASI and 70 MHz
- Four audios, standard
- Four IF filter selections are offered 6, 8, 12 and 20 MHz
- RS-232 for remote control requirements
- Lightweight, ideal for portable or airborne applications
- Integrated universal AC/DC power supply



The ChannelMaster RX7, ushering in a new class of totally integrated, feature-rich portable microwave receivers. The ChannelMaster is offered in single band, 2, 7 or 13 GHz, dual band or tri-band configurations. Other frequency bands available. The ChannelMaster RX7 features an integrated DVB-T compliant COFDM demodulation that is software configurable between COFDM, analog, QAM and VSB in a single radio.

The HD/SD decoder features fast lock up time, holds lock longer and acquires the digital signal faster than most decoders currently on the market.

Fifth generation VSB provides a good platform for HD, with data rates up to 29 Mbps in a 6 MHz bandwidth.

A wide array of outputs are provided, including composite video/audio (analog and AES/EBU), SDI (HD) with embedded audio, ASI (HD) and 70 MHz.

A quality meter is provided on the front panel display. Displayed parameters include RCL, link quality, MER, BER (pre and post correction) and modulation. An optionally available internal spectrum viewer is available which displays 810 MHz and allows the operator to view his signal as well as adjacent signals.