

# AR-ALPHA

## Communications Receiver

### 10kHz to 3.3 GHz



## *Takes Professional Monitoring to a Next Generation*

*The AR-ALPHA is designed to meet the increasingly complex needs of monitoring professionals with coverage from 10kHz to 3.3GHz continuous, with no gaps.*

- Zero-IF and DDS local generator
- Fast FFT Spectrum Display up to 1GHz bandwidth
- Wide Band I/Q digital output through continuous isochronous USB 2.0 Interface (1MHz BW, Mantissa 4-bit, Index 13-bit for wide dynamic range, 98.304M-bit/sec. transfer rate)
- Multi mode receive : WFM (in stereo, selectable de-emphasis), NFM, AM (Stnchornous AM, diversity synchronous AM), ISB, RZSSB, USB, LSB, CW, P25, TV (FM, AM, NTSC/PAL/ SECAM/ PAL-M)
- Multipul IF filters: 200Hz, 500Hz, 3kHz, 6kHz, 15kHz, 30kHz, 100kHz, 200kHz, 300kHz
- Versatile digital processing: Digital noise filter, auto notch filter, noise blanker, IF shift, AFC, variable CW pitch, voice descrambler, voice squelch, CTCSS, DCS
- 6" color TFT display
- 19" rack mount
- Analog signal level indicator



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