



## General Description

Wisycom **MRK980** is a true diversity, ultra-wideband dual channel receiver. With its 1090MHz of band switching, it ensures the users an exceptional band flexibility, combined with a superb selectivity and inter-modulation immunity, for best operating performances of the wireless microphone systems. **MRK980** also features an internal DSP processor, Wisycom famous Multicompanying system, new Dante compatibility and a completely and renewed user interface, which make this system easy and quick to setup.

## Main Features

- Two channels **true diversity receiver** (full **DSP** processing)
- Up to **1090 MHz bandwidth** in 170/1260 MHz range
- Push to talk (**PTT**) enabled with dedicated outputs (optional)
- **Analogue, AES/EBU & Dante** outputs (with redundancy)
- **Dante™** machine Synchronized mode → **no sample rate delay!**
- Next Gen Multiband front-end filtering:
  - High Q moving filter in 170-230 MHz
  - High Q moving filter in 470-800 MHz
  - High Q moving filter in 960-1160 MHz (DME) (or 806-810 MHz saw filter – Japan)
  - Country specific saw filters:  
USA 940-960 MHz or Japan 1240-1260 MHz
- **Wideband** and **Narrowband** DSP-FM operation (SW selectable):
  - Narrowband allows 50% more band efficiency (**200/250 kHz channel density**)
  - Narrowband allows about 3dB **extra sensitivity** and noise immunity
- Extreme low noise VCO with ultrafast spectrum scan for optimal quick & easy setup
- High contrast OLED display
- Monitor & control through USB and Wisycom Manager 2.0 (computer SW)
- Expansion slot for GPIO or future additional features