



**COFDM 2.3/2.4GHz RF Receiver**

**MRX23/24-DX**

**MRX23/24-DX is COFDM 2.3GHz or 2.4GHz Band AV-Receiver designed exclusively for reception of the RF signal sent from WL23, WL24 or CARRY23/24 RF transmitter, and decoded to Audio/Video/Data signals.**

Front View of MRX23/24-DX



#### Features

- Combination of COFDM, Maximal Ratio Pre-detect Diversity Antenna and powerful Forward Error Correction (FEC) provides a robust wireless link as system against multipath and other RF noises.
- One of 10 Channels is selected by CH Rotary Switch in front of MRX23-DX or MRX24-DX Unit.
- MPEG-2 Video Decoder interfaces to Composite (NTSC or PAL) video and TS signals for outputs.
- Audio stereo output in analog with 48k sampling.
- Scramble (Encryption) is to protect from unauthorized monitoring.
- System latency is 120 to 150mS at end to end.
- Visual indication of RF reception level is shown in front LCD and LED.
- Optional V-mount battery adapter allows quick setup for outdoor usage.
- Optional units such as RPT23/RPT24 Repeaters, CAS23/24 Cascade Antenna system and CUM300 RF Master (Booster) are available for longer transmission in distance.

## Rear Panel



item	Specifications
RF System	One way real time stream
Carrier Frequency	2306 to 2378MHz (10ch) or 2406 to 2478MHz(10ch)
Modulation	COFDM (QPSK or 16QAM)
Occupied Bandwidth	Less than 8MHz each channel
Error Correction	Reed Solomon R=1/2, 2/3, 5/6, 7/8
Scramble (Encryption)	128bit (Japan Government Std.)
Encoding	MPEG-2 high profile
Total Transmission Latency	120m/sec to 150m/sec
Video Interface	NTSC or PAL
Audio Interface	Analog 2ch(L and R)
Power	DC12V (10 to 16V)
Power Consumption	Approx.8W/h
Dimension & Weight	240(W) x 191(D) x 44mm 0.77kg
Environmental conditions	-20 to 60 degree C in operating temperature 95% non-condensing in humidity
Inclusion	MRX23-DX main unit, Power Supply DC12V AC Adapter, English Instruction Manual

Manufactured and Supplied by

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