



EVALUATION SYSTEM

MMWL-009 Digital Diversity COFDM / 4:2:0 MPEG-2 Receiver

MMWL-009 is a high performance portable COFDM receiver.

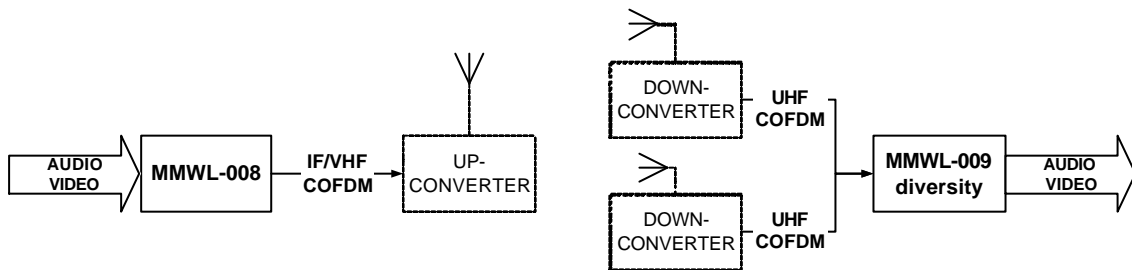
It features a COFDM dual channel digital diversity demodulator plus the 4:2:0 MPEG-2 decoder for a digital wireless video link.

Full broadcast picture quality is guaranteed together with the superior performance of the digital diversity demodulator.

Low cost, portable size, and very low power consumption make it the base for developing custom COFDM Wireless Video Links for fixed and mobile broadcasting, security, military and police systems.

MMWL-009 is provided to demonstrate the high quality available using M.B. International solutions.

Application example



Evaluation system

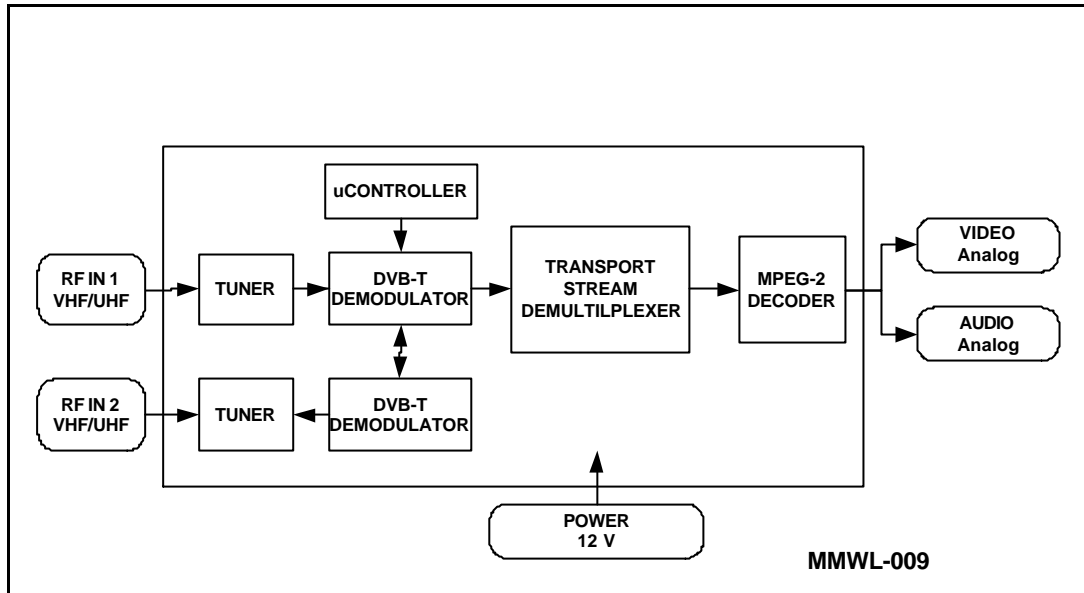
The evaluation system is composed of:

1. MMWL-009 board
2. User manual



EVALUATION SYSTEM

MMWL-009 Block Diagram



MMWL-009 Features

Inputs:

1. Nr. 2 x COFDM DVB-T like inputs:
 - a. Input frequency: VHF III / UHF
 - b. Carriers: 2K/8K
 - c. Bandwidth: 8/7 MHz

Outputs

1. Nr. 1 Analog Audio (L+R)
2. Nr. 1 Analog Video (Composite /RGB)

Interface

1. Nr. 1 serial RS 232
2. OSD

Other Performances:

1. MPEG 2 decoding modes: 420 ML@MP
2. 12 V power supply