



DBT-1724/5S COMPLETE RACING UHF WIRELESS SYSTEM 1700 MHz/2400 MHz FM

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This special dual band racing system is the newest design capable of transmitting dual band frequencies at the same time. This system uses a special PLL circuitry and it works at 1.7 and 2.4 GHz bands. It is an excellent design for military applications in which multiple transmissions are issued simultaneously. The transmitter contains two separate circuits for 1.7 and 2.4 GHz in 8 channels. It is easy to use, and ideal for surveillance systems with multiple cameras. This system is analog and does not have any latency or delay, it transmits video in real time.

Receiver RMX-2000	Technical Specifications
BATTERY POWERED	12 V
CURRENT CONSUMPTION	395 mA
DEMODULATION	WFM
SENSITIVITY	-86 dBm
ANTENNA CONNECTOR	SMA
VIDEO INVERSE FUNCTION	N/A
VIDEO OUTPUT	1V
AUDIO OUTPUT	300 mV
POLARITY PROTECTED	YES
PLL (PHASE LOOKED LOOP)	YES
TEMPERATURE RANGE:	-20+70°C
NUMBER OF CHANNELS	FULL RANGE TUNABLE
DIMENSIONS	3" X 3" X 1"
DIGITALLY CONTROLLED	1200 MHz- 2000 MHz

Receiver RMX-2500	Technical Specifications
BATTERY POWERED	12 V
CURRENT CONSUMPTION	395 mA
DEMODULATION	WFM
SENSITIVITY	-86 dBm
ANTENNA CONNECTOR	SMA
VIDEO INVERSE FUNCTION	N/A
VIDEO OUTPUT	1V
AUDIO OUTPUT	300 mV
POLARITY PROTECTED	YES
PLL (PHASE LOCKED LOOP)	YES
TEMPERATURE RANGE:	-20+70°C
NUMBER OF CHANNELS	FULL RANGE TUNABLE
DIMENSIONS	6.5" X 4" X 2"
DIGITALLY CONTROLLED	2300 MHz- 2500 MHz

Transmitter	Technical Specifications
Power supply:	DC 12 V
RF power:	5 W + 5 W
Frequency range:	1700-1900 MHz , 2300-2500 MHz
Number of Channels:	8 + 8
Antenna connectors:	SMA
Modulation:	WFM
Audio inputs:	300 mV/10 Kohm
Video inputs:	1 V (2 separate channels for 2 video cameras)
Video impedance:	75 ohms
Video distortion:	2%
Preemphasis filter:	Built-in
Current consumption: :	3400 mA