



S-5800

COMPLETE RACING UHF

WIRELESS SYSTEM

5800 MHz



5.8 GHz complete wireless TV system S-5800 is an excellent solution for car racing. It comes with a high power video transmitter 5 W, receiver VRX-58, dipole antenna and a yagi antenna 11 dB. This system is excellent to send a broadcast quality video signal over 6 km. The range in open area is much greater. This system comes in 8 selectable channels.

Technical Specifications	S-5800 Transmitter
Operating Frequency:	5700 MHz- 5890 MHz
Channels:	8
Channel selection:	External
DC Voltage:	12 V
RF output power:	5 W / 50 ohms
Minimum required voltage:	12 V
Battery power:	12 V - 14.4 V
Frequency stability:	+200 kHz/ h
Video distortion:	3%
Maximum range:	15 km
Video Format:	PAL, NTSC
Current Consumption:	1600 mA / 12 V
Antenna:	Directional 15 dB included
Antenna Connector:	SMA/N
Impedance:	50 ohms
Video Connector:	RCA Female
Video level:	1 V
Video Impedance:	75 ohms
Audio frequency response:	30 Hz- 14 kHz
Audio input:	300 mV
Audio carrier frequencies:	6 MHz and 6.5 MHz
Temperature Range:	-40 +75* C
Dimensions:	8" X 6" X 3.5"
Weight:	2 lb
Modulation:	WFM

Technical Specifications	S-5800 Receiver
Operating Frequency:	5700 MHz- 5890 MHz
Channels:	8
Channel selection:	External
Current Consumption:	350 mA / 12 V
DC Voltage:	12 V
Sensitivity:	-92 dBm
Minimum required voltage:	12 V
Battery power:	12 V -14.4 V
Video distortion:	3%
IF frequency:	479.5 MHz
IF bandwidth:	18 MHz
Gain flatness:	2.5 dB
Noise :	2 dB
Image rejection:	40 dB
Antenna:	Directional 15 dB included
Antenna Connector:	SMA/N
Impedance:	50 ohms
Video Connector:	RCA Female
Video Impedance:	75 ohms
Audio output:	300 mV
Video level:	1 V
Temperature Range:	-40 +75* C
Dimensions:	8" X 6" X 3.5"
Weight:	0.8 lb
Modulation:	WFM