



# S-435

## COMPLETE RACING UHF WIRELESS SYSTEM

### 434 MHz AM



UHF complete wireless TV system S-435 is an excellent solution for car racing. It comes with a high power video transmitter 50 W, special receiver M-806A with a built-in low noise preamplifier 23 dB gain, shark fin antenna and magnet mount antenna 3 dB gain. This system is excellent and capable to send a broadcast quality video signal over 15 km

Technical Specifications	S-435 Transmitter
Operating Frequency:	433.25 MHz – 471.25 MHz (6 channels)
Channel:	1
DC Voltage:	12 V
RF output power:	10 W / 50 ohms
Minimum required voltage:	12 V
Battery power:	12 V - 14.4 V / 8 A
Frequency stability:	+20 ppm
Video distortion:	3%
Maximum range:	18 km with directional antennas 10 dB
Video Format:	PAL, NTSC
Current Consumption:	8 A / 12 V
Antenna:	Omni Directional 5 dB included
Antenna Connector:	BNC
Impedance:	50 ohms
Video Connector:	RCA Female
Video level:	1 V
Video Impedance:	75 ohms
Audio frequency response:	N/A
Audio input:	300 mV
Audio carrier frequency:	N/A
Temperature Range:	-40 +75° C
Dimensions:	8" X 6" X 3.5"
Weight:	2 lb
Modulation:	Negative AM

<b>Technical Specifications</b>	<b>S-435 Receiver</b>
Operating Frequency:	433.25 MHz
Number of Channels:	1
Current Consumption:	350 mA / 12 V
DC Voltage:	12 V
Sensitivity:	-90 dBm
Minimum required voltage:	12 V
Battery power:	12 V -14.4 V
Video distortion:	3%
IF frequency:	45 MHz
IF bandwidth:	6 MHz
Gain flatness:	3 dB
Noise :	1.8 dB
Image rejection:	45 dB
Antenna:	Directional 8 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:	4.5" X 2.5" X 1"
Weight:	0.5 lb
Modulation:	Negative AM