



SR2200

High-end black-box receiver



Supplied accessories:

- Operating manual & COMMAND LIST on CD
- USB driver on CD.
- DC power cable
- Receiver control software and AC adapter are NOT supplied.

SR2200 TECHNICAL SPECIFICATIONS

Configuration	Triple conversion superheterodyne			
Frequency	25MHz - 3GHz			
Reception modes	AM / NFM / WFM / SFM (no SSB, CW)			
Sensitivity	Band	Sensitivity	IP3 (dBm)	S/N (dB)
IP3	25M-225MHz	NFM: 0.35uV(12dB SINAD)	1	40
		AM: 0.6uV (10dB S/N) WFM: 2.0uV (12dB SINAD)		
S/N	225M-1.7GHz	NFM: 0.35V(12dB SINAD)	1	35
		AM: 0.8 uV (10dB S/N) WFM: 2.0uV (12dB SINAD)		
		NFM: 0.6uV(12dB SINAD)		
	1.7GHz - 2.7GHz	NFM: 1.5uV(12dB SINAD)	1	30
	2.7GHz-3GHz	NFM: 1.5uV(12dB SINAD)	1	30

25 MHz – 3 GHz

Frequency stability +/- 1 ppm

High sensitivity & selectivity

PC control by USB or serial port

Discriminator OUT

10.7 MHz I.F. OUT

The SR2200 is a black box wide band receiver intended for commercial / government applications. The frequency range is 25 MHz to 3 GHz. The receiver has no front panel, it is controlled by connection to a computer via an RS232 serial and USB rear panel sockets.

IF frequencies	1st IF	255.3MHz	
	2nd IF	744.3MHz	
	3rd IF	10.7MHz	
		455kHz	
Tuning steps	100 Hz to 100 kHz (10 Hz incremental)		
Selectivity	NFM:	+/-10kHz	60dB
	AM/SFM:	+/-6kHz	60dB
	WFM	+/-180KHz	60dB
Spurious Sensitivity	60dB>		
Adjacent Selectivity	55dB >		
Dynamic Range	90dB>		
Unwanted Spurious emission	< -57dBm		
IP3	+1.0 dBm		
Frequency stability	±1ppm(0~50°C)		
Audio output	1.2W (8 Ohm) max.@ 10% distortion (no internal speaker!)		
Power requirements	12 - 16V DC, 0.5 A with 1W audio output		
Aerial connection	50 Ohm BNC		
IF output	10.7MHz		
Control interface	RS-232C / USB , 38400bps		
Operation temperature	0 to 50 degrees Celsius		
Dimensions	200(W) x 31(H) x 230(D) mm		
Weight	1.23kg		
Nominal filter bandwidths	6kHz, 15kHz, 300kHz.		
Memory channels	1000 (10 banks)		
Search banks	40		
Scan/Search Rate	25 steps per second.		
Pass frequencies	2000		
Priority channels	1		

All specifications are subject to change without prior notice.

