

Recent

接收: 1.8-30MHz **RX:1.8-30MHz**
发射: 所有业余HF频段 **TX:All HAM HF BANDS**



RS-918SSB

HF单边带电台

HF SDR Transceiver

- Spectrum Dynamic Waterfall Display
频谱动态瀑布显示
- Receive Mode, Transmit Mode, TUNE Mode, VFO Mode, SPLIT Mode
接收模式、发射模式、TUNE模式、VFO模式、分离模式等

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RS-918SSB HF SDR Transceiver

主要功能 Main Functions

- 频谱动态瀑布布显示
- 多种工作模式: 接收模式、发射模式、TUNE模式、VFO模式、分离模式
- DSP数字信号处理降噪
- 自动陷波滤波器
- 人性化界面彩色显示
- 接收微调功能, 可改变MIC增益值
- VCC电源电压指示表
- 发射信号强度显示表
- 多功能仪表: SWR驻波比表、AVD话语音频表、ALC信号调制表
- Spectrum Dynamic Waterfall Display
- Multiple Working Modes: Receive Mode, Transmit Mode, TUNE Mode, VFO Mode, SPLIT Mode
- DSP Digital Signal Processing Noise Reduction
- Automatic Notch Filter
- Humanized Interface Color Display
- Receive Fine Tuning Function, Changeable MIC Gain Value
- VCC Power Supply Voltage Indication Table
- Transmit Signal Strength Display Table
- Multifunctional Instrument: SWR Standing Wave Ratio Meter, AVD Audio Frequency Meter, ALC Signal Modulation Meter

一般规格 General Specifications

频率范围 Frequency Range	RX:1.8-30MHz TX:All HAM HF BANDS
工作模式 Operating Mode	SSB(J3E), CW, AM(RX Only), FM, FREE-DV
发射功率 TX Power	5W (Standard, DC 13.8V), 15W (Full, DC 13.8V)
接收灵敏度 Receiving Sensitivity	0.11~0.89 μ V(RFC 50-20)
最小频率步进 Minimum Frequency Step	1Hz
工作电压 Operating Voltage	DC9-15V
天线阻抗 Antenna Impedance	50 Ω
频率稳定性 Frequency Stability	\pm 1.5PPM @ Power on 5 Minutes (Standard); \pm 0.5PPM if Optional TCXO Used
尺寸 Dimension (W x H x D)	215 x 74 x 62mm (Mounting Bracket Included)
重量 Weight	623g

注: 规格如因技术改进而有变动, 恕不另行通知。

标准配件 Standard Accessories



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RS-918SSB HF Transceiver Main Specifications



Frequency Range:

RX: 1.8—30MHz

TX: All HAM HF BANDS

Operating Mode: SSB, CW, FM, AM (RX Only)

Minimum Frequency Step: 1Hz

Antenna Impedance: 50ohm

Operating Temperature Range: -10°C - +60°C

Frequency Stability:

±1.5PPM @ Power on 5 Minutes (Standard)

±0.5PPM if Optional TCXO Used

Operating Voltage: 9-15V DC

Operating Current:

RX: <450mA; Around 65mA after Power Off (Can be improved at 5mA)

TX: Max. 3A(FULL Power) , 1.5A(5W Power)

Equipment Size: 190mm(W) * 70mm(H) * 40mm(D)

Packing Box Size: 245mm(W) * 125mm(H) * 80mm(D)

Transmitter Specifications

Frequency Band: All HF Ham Band

TX Power: Standard 5W (13.8VDC),15W (FULL, 13.8VDC)

Modulation Mode: SSB Software Balanced Modulation, 10KHz FM

AM Software Low Modulation (RX only)

Spurious Rejection: >40DBC

Carrier Rejection: >45DBC

Selectivity: SSB 2.3KHz (-6db)

CW 500Hz (-6db)

IF Frequency: 0

RX Sensitivity: >-115dBm

Dynamic Range: >95dB

RIT Frequency Tuning Range: ±1KHz

Audio Output: 8ohm, 0.5W