



## Specifications

### General DX-SR9T/E

Operating mode	J3E (USB, LSB), A3E (AM), A1A (CW), F3E (FM) + IQ output
Antenna and microphone impedance	Antenna: 50ohm unbalanced Microphone: 300 ohm
Frequency stability	+/-1ppm
Power requirement	13.8V DC +/-15% (11.7 to 15.8V DC)
Ground method	Negative ground
Current drain	Receiver: 1.0A(max.) 0.7A(Squelched) Transmit: 20A
Operating temperature	-10digC to 60digC (+14digF to +140digF)
Dimentions	240(w) x 94(h) x 255(d)mm (Projections not included)

	(9.45"(w) x 3.7"(h) x 10"(d) 240(w) x 100(h) x 293(d)mm (9.45"(w) x 3.94"(h) x 11.54"(d)	
Weight	Approx. 4.1kg (144.6oz)	
<b>Transmitter</b>		
Power Output	SSB, CW, FM: 100W(Hi) Approx. 10W (Low) Approx. 1W (S-Low) AM: 40W(Hi) Approx. 4W (Low) Approx. 0.4W (S-Low)	
Modulation system	SSB: Balanced modulation AM: Low power modulation FM: Reactance modulation	
Spurious emission	Less than -50dB (Less than -45dB in 30m band)	
Carrier suppression	More than 40dB	
Unwanted sideband	More than 50dB(1KHz)	
Maximum FM deviation	+/-2.5KHz	
<b>Receiver</b>		
Receive circuitry	Double conversion superheterodyne	
Sensitivity	SSB: (0.15 to 1.8MHz) 0dBu(1uV) CW: (1.8 to 30MHz) -12dBu(0.25uV) AM: (0.15 to 1.8MHz) +20dBu(10uV) AM: (1.8 to 30MHz) +6dBu(2uV) FM: (28 to 30MHz) -6dBu(0.5uV)	
Intermediate frequency	1st 71.75MHz, 2nd 455KHz	
Selectivity	SSB, CW, AM(narrow): 2.4KHz/-6dB 4.5KHz/-60dB AM, FM: 6KHz/-6dB 18KHz/-60dB -6dB: 6KHz or more -60dB: 16KHz or less (NFM)	
Spurious and image rejection ratio	More than 70dB	
Audio output power	More than 2.0W(8ohm 10%THD)	
RIT variable range	+/-1.2KHz	
	DX-SR9T (USA/Canadian Amateur) DX-SR9E (World Amateur/CE approved)	
Transmit Frequency coverage	160m band (1.8M)	1.80000 - 1.99999MHz 1.80000 - 1.99999MHz
	80m band	3.50000 - 3.99999MHz

	<b>(3.5M)</b>	<b>3.50000 - 3.99999MHz</b>
	<b>*60m band (5.3M)</b>	5.33050MHz 5.34650MHz 5.36650MHz 5.37150MHz 5.40350MHz <b>Not Available</b>
	<b>40m band (7M)</b>	<b>7.00000 - 7.29999MHz</b> <b>6.90000 - 7.49999MHz</b>
	<b>30m band (10M)</b>	<b>10.10000 - 10.14999MHz</b> <b>9.90000 - 10.49999MHz</b>
	<b>20m band (14M)</b>	<b>14.00000 - 14.34999MHz</b> <b>13.90000 - 14.49999MHz</b>
	<b>17m band (18M)</b>	<b>18.06800 - 18.16799MHz</b> <b>17.90000 - 18.49999MHz</b>
	<b>15m band (21M)</b>	<b>21.00000 - 21.44999MHz</b> <b>20.90000 - 21.49999MHz</b>
	<b>12m band (24M)</b>	<b>24.89000 - 24.98999MHz</b> <b>24.40000 - 25.09999MHz</b>
	<b>10m band (28M)</b>	<b>28.00000 - 29.69999MHz</b> <b>28.00000 - 29.99999MHz</b>

Note: Specifications are subject to change without notice or obligation.