

# Amateur Radio Tubes



Svetlana Electron Devices, Inc. is dedicated to serving the radio amateur. Our organization is staffed with radio amateurs at all levels. We know the contribution amateur radio has made to power tube technology and we want to strengthen our association with the radio fraternity. We understand the needs and special requirements of hams and are tailoring our products and organization to serve those needs.

Svetlana power tubes are new to the Western world, however, we have been manufacturing power tubes in St. Petersburg Russia since the beginning of the technology. Svetlana began manufacturing electric light bulbs over one hundred years ago and is among the earliest vacuum tube manufacturers. With a rich history in the technology, Svetlana is the largest power tube designer and manufacturer in the world. We manufacture a wide variety of power tubes up to the level of 1 Megawatt CW. Svetlana tubes are of the highest quality backed by the strongest warranty in the industry.

Listed below are the essential characteristics of Svetlana power tubes now available for amateur radio requirements.



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## Svetlana Power Tubes for Amateur Radio

Tube Type	Max Plate Dissipation W	Max Plate Voltage	Max Plate Current mA	Max Screen Voltage	Freq. For Full Rating	Heater Volts	Heater Amps	Svetlana Socket	Svetlana Anode Connector	Typical Operation				
										Plate V	Grid 1 V	Grid 2 V	Plate Current mA	Power Output W
811A	60	1500*	175*	-	30	6.3	4.0	SK4A	PC-1A	1500	-4.5	-	175	160
572B	160	2750*	275*	-	30	6.3	4.0	SK4A	PC-1A	2400	-2.0	-	250	300
4X150A	250	2200	250	400	500	6.0	2.6	SK2A	AC-1	2200	-55	350	250	300
4CX250B	250	2200	250	400	500	6.0	2.6	SK2A	AC-1	2200	-55	350	250	300
4CX250R	250	2200	250	500	500	6.0	2.6	SK2A	AC-1	2200	-80	400	250	300
4CX350A	350	2500	300	400	500	6.0	3.4	SK2A	AC-1	2200	-27	400	290	385
4CX400A	400	2500*	410*	400	500	6.3	3.2	SK2A	AC-1	2500	-30	400	270/400*	405/610*
4CX800A	800	2500	800	350	150	12.6	3.6	SK1A	AC-2	2200	-47	350	630	780
4CX1500A	1500	5000	1000	750	150	5.0	38.5	-	AC-2	3000	-200	500	800	1800
4CX1600B	1600	3300	1400	350	250	12.6	4.4	SK3A	AC-2	2400	-70	350	870	2088
4CX1600U	1600	3500	1200	500	1000	6.3	6.25	-	-	3110	-37	520	850	1500**
5CX1500A	1500	5000	1000	750	110	5.0	38.5	-	AC-2	3000	-200	500	900	1980
8560AS	200	2000	250	400	500	6.0	2.6	SK2A	AC-1	2000	-55	350	250	300

\*ICAS SSB Intermittant voice and 50% Duty CW.

\*\* Measured at 432 MHz.

# Amateur Radio Tubes

Shown here is a selection of Svetlana power tubes now available for amateur radio requirements.



**Svetlana**  
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**4CX250R**



**811A**



**4CX350A**



**5CX1500A**



**4CX250B**



**4CX1600U**



**4CX1500A**



**4CX1600B**



**4X150A**



**4CX800A**



**572B**



**4CX400A**



**8560AS**