IV INSTALLATION

The Swan 240 transceiver has been designed to provide the utmost in ease of operation, stability, versatility, and enjoyment. Maximum enjoyment from your Swan will depend to a great extent on the installation. For fixed station or portable use, operation with the SW-117AC power supply provides a compact arrangement with maximum ease of operation. All switching is performed in the transceiver, and either speaker or headphone output is available in the power supply. For mobile installations, the SW-12DC supply provides similar switching arrangements, and speaker output may be fed through the car broadcast receiver speaker.

POWER SUPPLY

The Swan models SW-117AC and SW-12DC power supplies provide all necessary voltages required by the SW-240 transceiver. The SW-117AC comes equipped with a pre-wired plug and cable, all ready for plugging into the SW-240. It also includes a 5 x 7 speaker, and thus the two packages make a complete station. The SW-12DC supply for mobile operation includes all necessary cables, connector plug, fuses, and installation hardware. The Jones Plug for connection to the transceiver is pre-wired at the factory.

Power requirements of the SW-240 are shown in the following table. Pin connections to the Jones type power connector are also listed as an aid in connecting other brands or home-brew type power supplies.

SW-240 POWER REQUIREMENTS

S-312 Jones Plug		Nominal	Minimum	Maximum
High Voltage Transmit Only	Pin 8	600-800 VDC 25-300 MA	250 VDC Low Power	1000 VDC 350 MA
Medium Voltage Rec. & Transmit	Pin 10	275 VDC 100 MA	225 VDC	325 VDC
Bias Voltage Rec. & Transmit	Pin 3	-100 VDC 5 MA	-70 VDC	-120 VDC
Filament Voltage	Pin 4	12.6 v AC or DC 3.45 amperes	11 Volts	14.5 Volts
Relay Supply	Pin 5	12 VDC 100 ma	10 VDC	14.5 VDC
Common	Pin 6			
Spkr. Voice Coil	Pin 12			
Toggle Switch	Pins 1 & 2			
Function Switch, Off Position	Pins 7 & 9			