

LAMPS ON-OFF switch	Switch turns dial lamps on and off.
PLATE TUNE control	Rotates input capacitor of power amplifier Pi-network plate tank circuit. Controls resonant frequency of circuit.
LOAD control	Rotates output capacitor of power amplifier Pi-network plate tank circuit. Controls match of network to antenna transmission line input impedance.
RECEIVE-TRANSMIT switch	Switches function of transmitter from receive conditions to transmit condition. Switch is 12 pole 2-position. Functions switched as follows:

SWITCH SECTION	RECEIVE	TRANSMIT
A & B		
Voltage control, reduced (receive) B+, or normal (Transmit) B+	Dropping resistor included in B+ lead, power supply delivers reduced B+.	Dropping resistor shorted in B+ lead, power supply delivers normal B+.
C		
V7, V8A, and V10 plate and screen	B+ applied to V7, V8A, and V10 plate and screen.	B+ removed from V7, V8A, and V10 plate and screen.
D		
B+ control on V8B (rcvr. Hi-Freq. Osc.)	Reduced B+ applied directly to V8A plate circuit (R46 shorted).	Normal (transmit) B+ applied to V8A plate through dropping resistor R46.
E		
Low-level stage B+ distribution	Reduced B+ applied to Receiver stages V9, V11, and V12.	Normal (transmit) B+ applied to transmitter stages V2 and V4A.
F		
Transmitter VFO B+ line.	VFO B+ applied to SPOT switch	VFO B+ applied directly to VFO
G		
Audio input to V4B	Receiver audio output (V11) applied to input of V4B.	Microphone Audio output (V4A) applied to input of V4B.