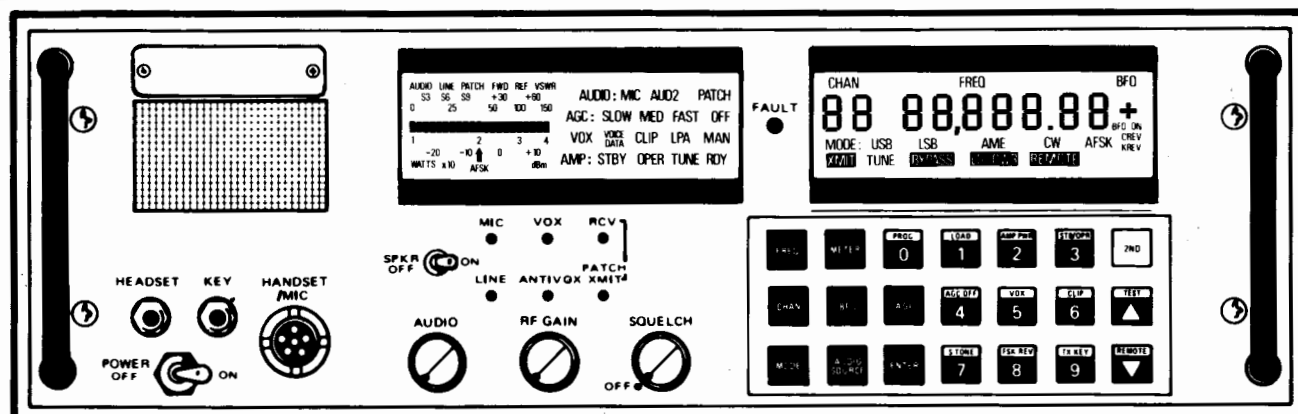


RF-350 OPERATOR'S CARD



POWER UP

When powered up, all system operations are from the XCVR front panel, or optionally from the identical remote control unit.

To power up the equipment:



Select XCVR POWER ON and observe in sequence:

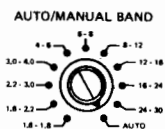
1. Displays illuminate.
2. Display of system status.

IF SYSTEM INCLUDES PA

POWER ENABLE



Select POWER ENABLE and AUTO functions



IF SYSTEM INCLUDES A REMOTE CONTROL



Pressing 2ND and REMOTE will toggle control between the REMOTE and the LOCAL (XCVR) front panels.



The XCVR will remember (and display) the last commanded position at power up. Select desired control location and proceed.

TO START THE 3 MIN PWR AMP WARMUP SEQUENCE



At the front panel press 2ND and AMP PWR.

Observe AMP STDBY flash for 3 MIN. WARMUP period. When AMP STDBY stops flashing, AMP is ready to be placed into operation

ENTERING A FREQUENCY

OR

FOR CHANNELIZED OPERATION

OR

TO PROGRAM A CHANNEL



Push FREQ and using keypad, enter desired operating frequency



Push ENTER to install desired operating frequency



Push CHAN and ENTER to select a preprogrammed channel



Push 2ND and PROG - Observe CHAN indicator flash. Use Keypad to install desired channel number



Press ENTER and observe FREQ segments flash. Enter desired Simplex or RX operating frequency.



Push MODE switch to step through to desired mode option.

SELECTING A MODE



Push MODE switch to step through and select MODE options normally USB)



In channelized operation, mode information is pre-programmed. Making a mode change will take the radio out of the channelized mode.



Push 2ND and FREQ - XMIT indicator blinks and FREQ illuminates. Enter desired Transmit frequency.



Push 2ND and LOAD to install. Continue for additional channels.

NOTE

- If Simplex, push 2nd LOAD (Continue for additional channels)
- If half-duplex continue with next step.

SELECTING AN AUDIO SOURCE



Push the AUDIO switch to step the audio source through all options. For front panel microphone operation, select MIC.

SELECTING THE METERING FUNCTION



Push the METER to step through the FWD, REF, VSWR, AUDIO, LINE, and PATCH METERING options. Select FWD for normal operation unless otherwise required.

FOR LOCAL MIC PTT OPERATION



Connect microphone to front panel HANDSET/MIC connector.

- Operate PTT (Push-to-Talk)

NOTE

Wait for completion of automatic tune sequence when PTT switch is first operated on a "new" frequency.

YOU ARE NOW READY TO OPERATE - SEE OPPOSITE SIDE FOR ADDITIONAL FEATURES

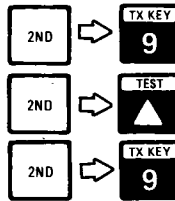
To Verify the System, Continue as Follows (See Manual or Separate RF-350 System Fault Card For Fault Code Listings and Recovery Procedures):

RECEIVE TEST



Pushing 2ND and TEST will quickly test the receive system. For a complete system test, select tx mode as shown at right prior to commanding test sequence.

FULL SYSTEM TEST (will include full power operation exercise)



Push 2ND and TX KEY and observe indicator go to XMIT.

Push 2ND and TEST and observe all displays illuminate as system test sequence begins. Passed message indicates successful completion.

Push 2ND and TX KEY to "TOGGLE" (Switch) System back to RECEIVE mode.

USE THE FOLLOWING ENHANCED OPERATION FEATURES AS NECESSARY

FREQUENCY SCROLLING



Push FREQ and command



(Scroll up), or



(Scroll down), as desired.

TO QUICKLY SCAN THROUGH CHANNELS



Push CHAN to command channelized mode and



(Scan up) or,



(Scan down), as desired.

TO ADJUST THE BFO (RECEIVE BEAT FREQUENCY OSCILLATOR) TO THE DESIRED NOTE



Push BFO, and increase the note by pushing



, or select a lower frequency by pushing



TO CENTER THE BFO FREQUENCY (ZERO BEAT OR AGREEMENT WITH CARRIER FREQUENCY)



Push BFO, release, and push



again.

TO MAKE AGC SELECTIONS



Push AGC (Continue to activate to step through SLOW, MED, FAST). Push



to disable AGC.

TO REVERSE THE AFSK POLARITY



Push 2ND and FSK REV.

TO ACTIVATE OR DISABLE THE TX AUDIO CLIPPER



Push 2ND and CLIP. When the Clipper circuit is active, clip will show on the front panel display.

TO ACTIVATE OR DISABLE VOX



Push 2ND and VOX.

TO ACTIVATE OR DISABLE THE SIDETONE CIRCUIT



Push 2ND and S TONE.

TO MONITOR THE XMIT FREQ (ASSUME HALF-DUPLEX OPERATION)



Push 2ND and FREQ. The display will change to show the XMIT frequency, and the receiver will switch over to monitor the Transmit frequency. The XMIT indicator will blink to remind the operator of this condition



Push 2ND and FRQ to toggle back to normal operation. The XMIT indicator will stop flashing and the receiver will switch back to operate on the programmed receive frequency.