

AM SIGNAL. SIGNAL METER AND TUNING INDICATOR. WHEN BEG IS ADVANCED FOR AN S-1 READING ON BACKGROUND NOISE AN "S-9" READING IS APPROXIMATELY EQUIVALENT TO A 50 MICROVOLT INPUT AT THE ANTENNA TERMINALS. THE S METER DOES NOT OPERATE WHEN THE MODE SWITCH IS IN ANY OF THE "AGC" POSITIONS.



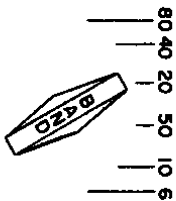
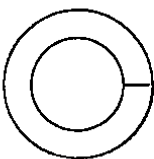
R.F. GAIN

ADJUSTS THE RECEIVER RF AND IF GAIN. USUALLY USED AS A VOLUME CONTROL IN "AGC OFF" POSITIONS OF THE MODE SWITCH. THIS CONTROL ALSO REDUCES THE RECEIVER GAIN AND THE S METER SENSITIVITY IN THE "AGC ON" POSITIONS OF THE MODE SWITCH.

ANTENNA

ADJUSTS RECEIVER INPUT CIRCUIT FOR BEST ANTENNA MATCH ON EACH BAND AS INDICATED BY MAXIMUM SIGNAL STRENGTH. THIS CONTROL SHOULD BE ADJUSTED EACH TIME A DIFFERENT BAND IS SELECTED.

SELECTS DESIRED AMATEUR BAND. THE DIAL SCALE WHICH CORRESPONDS TO THE SELECTED BAND IS USED TO INDICATE THE FREQUENCY OF RECEIVER TUNING.

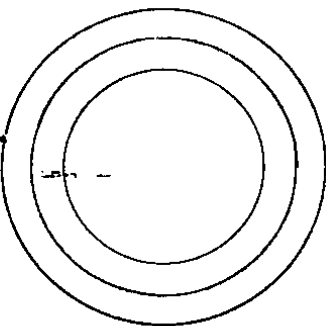


FUNCTION

SELECTS THE DESIRED RECEPTION MODE, WHICH MAY BE EITHER STRAIGHT AM OR AM WITH AUTOMATIC NOISE LIMITER OR CW/SINGLE SIDEBAND RECEPTION. LEFT HAND POSITIONS CORRESPOND TO AGC OFF AND RIGHT HAND POSITIONS CORRESPOND TO AGC ON.

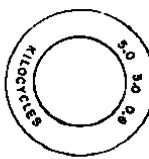


THIS CONTROL SELECTS THE DESIRED RECEPTION FREQUENCY AS INDICATED ON THE SLIDE RULE DIAL.

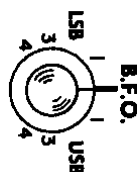


SELECTIVITY

SELECTS THE DESIRED RECEIVER BANDWIDTH FOR THE EXISTING SIGNAL CONDITIONS. THE 0.4 KC POSITION IS RECOMMENDED FOR CW RECEPTION. THE 5 KC POSITION IS RECOMMENDED FOR FULL FIDELITY AM RECEPTION. THE 3 KC POSITION MAY BE USED FOR SINGLE SIDEBAND RECEPTION OR AM RECEPTION UNDER CROWDED BAND CONDITIONS.



ADJUSTS THE TUNING OF THE BEAT FREQUENCY OSCILLATOR TO SET THE PITCH OF CW SIGNALS. SET BFO CONTROL TO THE USB OR LSB MARK TO PUT THE BFO FREQUENCY ON THE SLOPE OF THE IF PASSBAND FOR SSB RECEPTION.



CALIBRATE

DIAL POINTER READINGS WITH ONE MC CALIBRATOR MARKERS, AND TURNS ON ACCESSORY CRYSTAL CALIBRATOR WHICH PROVIDES ACCURATE CW MARKERS EVERY ONE MC. THESE MARKERS PERMIT ACCURATE DIAL CALIBRATION.

A.F.G.

CONTROLS THE RECEIVER OUTPUT LEVEL BY SETTING THE GAIN OF THE AUDIO AMPLIFIER. THE SWITCH TURNS THE ENTIRE RECEIVER ON AND OFF.



STBY REC.

SILENCES RECEIVER DURING TRANSMISSION PERIODS. INSTANTLY RETURNS RECEIVER TO FULL OPERATION WITH NO WARM-UP REQUIRED. ALSO SHORTS RELAY CONTACTS ON REAR APRON.



EARPHONE JACK SILENCES SPEAKER WHEN EARPHONE PLUG IS INSERTED.



NC-155 CONTROL FUNCTIONS