

RF GAIN: Controls sensitivity by adjusting the gain (amplification) of the RF and first IF stage of the receiver.

A-B-BAND-C-D: Bandswitch selects the desired listening band. Covers:

BAND A	.54—1.65 mc
BAND B	1.6—4.6 mc
BAND C	4.4—12.4 mc
BAND D	12.0—30.0 mc

QX TUNE: Use for tuning the Q-Multiplier circuits. See section on Q-Multiplier operation.

BFO: Adjusts the BFO frequency to produce the desired audio tone for code reception. It is also used for single sideband (SSB) reception.

AF GAIN: This is the volume control. Adjust for desired loudness.

S-METER: If you already have the S-Meter kit, you have a valuable tuning aid. Wherever the operating instructions describe tuning procedure, tune for maximum meter deflection. The S-Meter is calibrated to show accurate signal strength readings when the BFO-MVC-AVC-ANTL switch is in the AVC position.

CONTROL SETTINGS FOR STANDARD BROADCAST RECEPTION

OFF-STBY-RCV-CAL RCV

BFO-MVC-AVC-ANTL AVC

RF GAIN Fully Clockwise

A-B-BAND-C-D A

PEAK-OFF-MULT OFF

MAIN TUNING
Turn dial to desired station. (Bandspread dial must be turned all the way to the right.)

BANDSPREAD: Not needed for local stations. Use for fine tuning for DX (distant) reception.

ANTENNA: Adjust for strongest signal.

AF GAIN: Adjust for desired volume.

CONTROL SETTINGS FOR SHORT WAVE LISTENING

Set controls same as for standard broadcasts above, except:

PHONE RECEPTION

A-B-BAND-C-D: Switch to B, C or D depending on frequency of station wanted.

MAIN TUNING: Turn dial to desired station. For Amateur phone reception, set the MAIN TUNING dial at the index mark for the desired Amateur band. Notice the index marks that are identified on Figure 26. The BANDSPREAD calibrations for the Amateur bands are accurate only when the MAIN TUNING dial is set to the mark for the band in use.

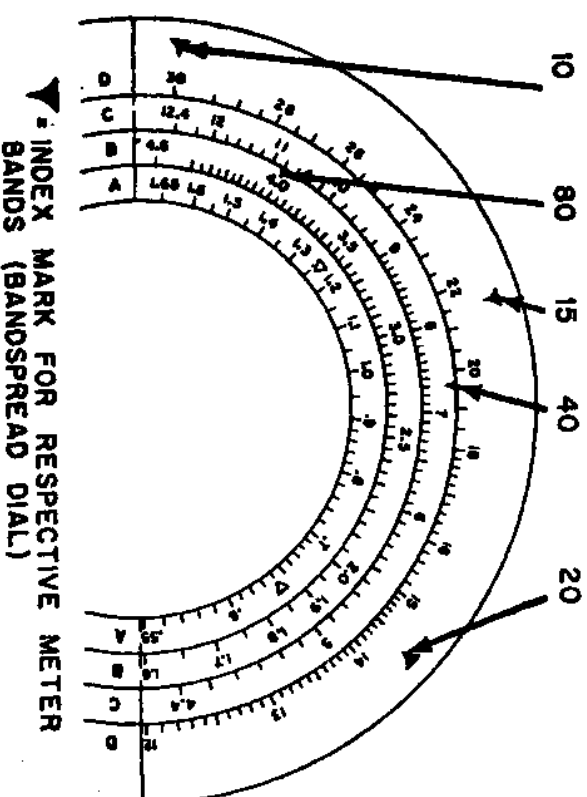


FIGURE 26. AMATEUR BAND INDEX MARKS (MAIN TUNING DIAL)

BANDSPREAD: After station is tuned in on MAIN TUNING dial, adjust BANDSPREAD knob for fine tuning. The BANDSPREAD control can be used in either of two ways. It can be left in a midway position while using the MAIN TUNING and then "rocked" a few degrees to the left or to the right for the best reception. Another method is to have it turned all the way to the right while the MAIN TUNING dial is set at the index mark for the desired Amateur band, or the high frequency end of any desired group of stations. Then the BANDSPREAD control can be slowly turned