

FRS TRAINING SESSION OUTLINE
(preferred settings are underlined)



1. **WHY THE MOTOROLA 350?** Stronger signal than many, AA batteries can be used, consistency among users, reliability.
2. **CHANGING BATTERIES** Alkaline preferred (never use a charger on alkaline batteries!).
3. **TURNING RADIO ON/OFF** some have a power button, others have a rotating knob for power & volume.

The following settings (exc. 19) are accessed by using the Menu and + or - buttons

4. **CHANNELS** indicated by large number on screen, 1-7 have high power capability (1.5w) but have to press upper portion of PTT. Ch. 8 – 22 are FRS (.5w only).
WE USE CH 2 AND OTHER HIGH POWER CHANNELS.
5. **TO SET CHANNEL** press MENU 1x, large number blinks. Use + or – to set desired chan., then press PTT to set. **4SAB uses Ch. 2 normally.**
6. **SET VOLUME** tap the + or – buttons to adjust. Typically a volume of 8 to 10 is good. (Only on the non- ‘Audio knob’ models. Otherwise simply adjust the Audio knob ½ way.
7. **INTERFERENCE ELIMINATOR CODE (EXCLUSION CODE).** Press Menu 2x and small number blinks. Use + or – to set to 0 to receive all transmissions, or 1 – 121 to only receive transmitters using that particular code. **4SAB uses 0 normally.**
8. **CALL TONES** 30 available tones. Press Menu 3x. Blinking tone number and music note appear; use + or – to select tone that will be xmitted. **Set to 0 to turn Off.**
9. **I VOX** Hands free op w/o accessories. Press Menu 4x use + or – to turn On or **Off.**
10. **VOX** Hands free op w/accessories. Press Menu 5x, use + or – to set sensitivity 1-3. Don’t use.
11. **EXTENDED BATTERY SAVE MODE** only on ‘audio knob’ radios. Do not use this feature.

12. **Qt NOISE FILTERING** needs Call tone (8) and Interference Eliminator (7) set On. Press Menu 6x, use + or – to turn On or Off.
13. **VIBRA-CALL** Press Menu 7x, use + or – to turn On or Off.
14. **KEYPAD TONES** Press Menu 8x and music note appears, use + or – to turn On or Off.
15. **TALK CONFIRMATION TONE** at end of xmit. Press Menu 9x and loudspeaker appears, use + or – to turn On or Off.
16. **KEYPAD LOCK** Press and hold Menu until lock symbol appears at top of screen. Repeat to unlock
17. **SCANNING CHANNELS** Set Interference code to 0 (step 7), tap scan button. If station is heard, scanning will stop and their interference code appears. Press PTT to talk; resumes scanning 5 sec after talking. Stop scanning by tapping the scan button.
18. **AUTO SHUT=OFF** Press Menu 10x and use + or – to set 90, 60, or 30 minutes. 0 turns feature Off. This feature is not in the ‘Audio knob’ radios.
19. **NOAA WEATHER CHAN** Press and hold Cloud button for 5 sec, Cloud and large number appear, Within 5 sec press Menu, number blinks, then + or – to set to Channel 6, then Press Menu again, On or Off blinks, and + or – to set Alert to On or Off. Press Cloud to return to Walkie-talkie operation.

Notes: - the Weather Channels (1 – 11) are not the same as the communication channels.
 - A ‘Cloud’ appears on-screen while communicating when Alert is turned On, but you will automatically receive alert messages only if you are tuned to WX channel.

Self-Check Quiz:

1. What channel does 4SAB use for Net Control? [2]
2. What Interference Eliminator number does 4SAB normally use? [0]
3. Should Vibra-Call be turned On or Off? [On]
4. How do you transmit with increased power on channels 1 – 7 only? [press upper section of the PTT]
5. What setting of the Interference Eliminator will hear all transmissions on the channel, even if they are using a different Interference Eliminator code? [0]
6. What is the effective range of the Motorola 350R? [1/2 to 1 mile]
7. How can you change volume if you don’t have the model with a knob on top? [Tap + or – button.
8. What is the NOAA (weather) channel in the Pass area? [6]
9. Where is the battery status indicator? [top left of screen]
10. What does the filled-in walkie-talkie symbol mean? [increased power available on set channel]
11. How should the radio be positioned when talking? [90 deg, 4-6 inches from mouth, talk normally, and try to position the antenna vertically]
12. What are the preferred batteries for the 350R? [3 AA alkaline; rechargeable are unreliable]
13. Will radio turn off automatically if that feature is set to 0? [No]