



# GMRS Radio Channels

## Maximum Transmitting Power Levels

FCC maximum transmitting power levels are shown in the table.

Handheld GMRS radios are usually three to five watts at high power setting. Hard-mounted mobile radios with an external antenna can transmit at considerably higher wattage than a handheld radio, usually with 2 or 3 power level settings available.

For larger groups, or when vehicles are separated more than usual, it is best to use 50-watt-capable channels.

Handheld GMRS radios are usually satisfactory. An installed mobile radio using an external antenna can transmit farther. The tail-gunner is more likely to reach the leader and others using a higher power mobile radio. Maximum radio range is most important for the tail-gunner.

<u>GMRS Channel</u>	<u>Frequency</u>	<u>Max. Power</u>
1	462.5625	5 W
2	462.5875	5 W
3	462.6125	5 W
4	462.6375	5 W
5	462.6625	5 W
6	462.6875	5 W
7	462.7125	5 W
15	462.5500	50W
16	462.5750	50W
17	462.6000	50W
18	462.6250	50W
19	462.6500	50W
20	462.6750	50W
21	462.7000	50W
22	462.7250	50W

Note: Channels 8 through 14 are limited by the FCC to 1/2-watt (limited range), and are not used by the club.

- Reminder: GMRS radio-use requires an FCC license and call sign. See the Licensing Guide Sheet linked in the Communications paragraph at [VerdeValley4Wheelers.com/club-info](http://VerdeValley4Wheelers.com/club-info)
- Low-power FRS walkie-talkies use the same channel numbers and frequencies as GMRS radios, and may be used on the trail for listening, and for transmitting if the group is tight. FRS radios require no license. The club encourages using GMRS radios because of their greater range.