

FRS (Family Radio Service) is an unlicensed service.

FRS (Family Radio Service) consists of 14 UHF channels on FM. FRS Channel 1 is unofficially used as a common call channel.

FRS (Family Radio Service) shares channels 1 through 7 with [GMRS](#), and many FRS radios are also GMRS radios.

The maximum allowable [power](#) for a FRS (Family Radio Service) radio is .5 watts. GMRS radios are allowed to transmit on the channels they share with FRS at 5 watts, ten times the power of FRS radios.

Unlike GMRS, repeaters are not allowed on FRS (Family Radio Service).

## FRS Frequencies

The frequencies utilized by FRS (Family Radio Service) are:

Channel	Frequency
1	462.5625
2	462.5875
3	462.6125
4	462.6375
5	462.6625
6	462.6875
7	462.7125
8	467.5625
9	467.5875
10	467.6125
11	467.6375
12	467.6625
13	467.6875
14	467.7125

## **FRS Usage**

FRS (Family Radio Service) is mainly utilized for very short-range two-way radio service for recreational activities.

FRS is a good choice for casual radio users who are not ready to step up and get an FCC license for GMRS.

## **Family Radio Service (FRS)**

Family Radio Service (FRS) is one of the Citizens Band Radio Services. It is used by family, friends and associates to communicate within a neighborhood and while on group outings and has a communications range of less than one mile. You can not make a telephone call with an FRS unit. You may use your FRS unit for business-related communications.

## **Licensing**

License documents are neither needed nor issued. You are provided authority to operate a FRS unit in places where the FCC regulates radio communications as long as you use only an unmodified FCC certified FRS unit. An FCC certified FRS unit has an identifying label placed on it by the manufacturer. There is no age or citizenship requirement.

## **Operations**

You may operate your FRS unit within the territorial limits of the fifty United States, the District of Columbia, and the Caribbean and Pacific Insular areas ("U.S."). You may also operate your FRS unit on or over any other area of the world, except within the territorial limits of areas where radio- communications are regulated by another agency of the U.S. or within the territorial limits of any foreign government.

## **FRS/GMRS Dual Service Radios**

Some manufacturers have received approval to market radios that are certified for use in both the Family Radio Service (FRS) and the General Mobile Radio Service (GMRS). Other manufacturers have received approval of their radios under the GMRS rules, but market them as FRS/GMRS radios on the basis that:

- Some channels are authorized to both services, or
- A user of the radio may communicate with stations in the other service.

Radios marketed as "FRS/GMRS" or "dual-service radios" are available from many manufacturers and many retail or discount stores. The manual that comes with the radio, or the label placed on it by the manufacturer, should indicate the service the unit is certified for. If you cannot determine what service the unit may be used in, contact the manufacturer.

If you operate a radio that has been approved exclusively under the rules that apply to FRS, you are not required to have a license. FRS radios have a maximum power of ½ watt (500 milliwatt) effective radiated power and integral (non-detachable) antennas. If you operate a radio under the rules that apply to [GMRS](#), you must have a GMRS license. GMRS radios generally transmit at higher power levels (1 to 5 watts is typical) and may have detachable antennas.

## **General Mobile Radio Service (GMRS)**

The General Mobile Radio Service (GMRS) is a land-mobile radio service available for short-distance two-way communications to facilitate the activities of an adult individual and his or her immediate family members, including a spouse, children, parents, grandparents, aunts, uncles, nephews, nieces, and in-laws ([47 CFR 95.179](#)). Normally, as a GMRS system licensee, you and your family members would communicate among yourselves over the general area of your residence or during recreational group outings, such as camping or hiking.

The FCC grants five-year renewable licenses for GMRS Systems. The individual licensee is responsible for the proper operations of the licensed GMRS system at all times.

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## Licensing

Before any station transmits on any channel authorized in the GMRS from any point within or over the territorial limits of any area where the FCC regulates radio services, the responsible party must obtain a license. The FCC usually grants GMRS system licenses for a five-year term. To apply for a GMRS system license, you may file online through the [Universal Licensing System](#) (ULS), or file [FCC Form 605](#) manually. New filers can learn more about ULS in its [getting started tutorials](#). See Fee Requirements for FCC Form 605 ([pdf](#)) for current licensing fee information.