

Ref: BBOPR950DXD; EA278847  
Cobra Electronics Corporation

#### OPERATIONAL DESCRIPTION:

The PR950DXD transceiver operates on both the General Mobile Service (GMRS) and Family Radio Service (FRS) frequencies. The radio will provide 0.831 watt ERP(d) when transmitting on GMRS frequencies (462.5500-462.7250 MHz) and 0.478 watt ERP(d) on FRS specific frequencies (467.5625-467.7125 MHz).

The RF power output of the PR950DXD is controlled by the internal microprocessor. When operating on a GMRS channel, the RF PA operating conditions are set by the microprocessor to provide 0.831 watt ERP(d). To extend battery life, a user power output control option is available to reduce the output power to 0.478W ERP. This option is only available when operating on a GMRS channel.

When operating on an FRS channel, the microprocessor sets the RF PA operating conditions to those necessary to produce 0.478W ERP. There is no user power output control option when operating on an FRS channel. The power output is fixed at 0.478W ERP whenever an FRS channel is selected.

It is required that the user obtain an FCC license to operate on the GMRS frequencies. This is specified in the users manual along with information on where to obtain the necessary application forms.