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Model PTT-1 “PRIM” *Personal Radio Identification Module*



PTT-1 PRIM DESCRIPTION

PRIM units are transmitters that may be used to identify personnel or machines. When used to identify personnel they are simply attached to the belt of the miner. The software identifies the individual by the unique code assigned to that unit. The PRIM transmits the ID number, Battery Status and Man-down Button Status every 2 seconds. The PRIM units operate at low power (-100 mw) 900 MHz Band.

PRIM units have the following features:

- Operate on UHF frequencies with specific identification code
- Small in size and light weight approximately 2 X 3 X .75 inch
- Self contained power source with battery life up to 2 years
- Specific identification codes can be provided by Marco
- Push button to signal alert or an alarm
- Normal expected range will be not more than 100 meters in lower seams and up to 200 meters in higher coal seams
- To achieve maximum battery life the PRIM is transmit only