

AC BATTERY CHARGER KIT FOR MTS

OPTION 5884

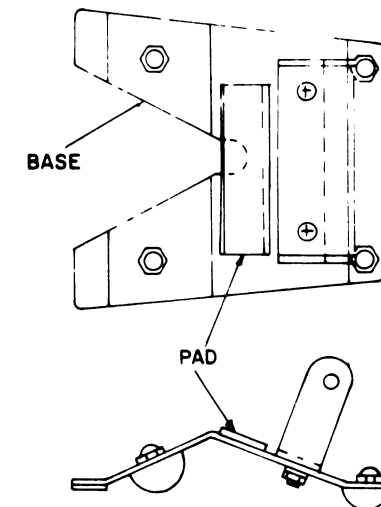
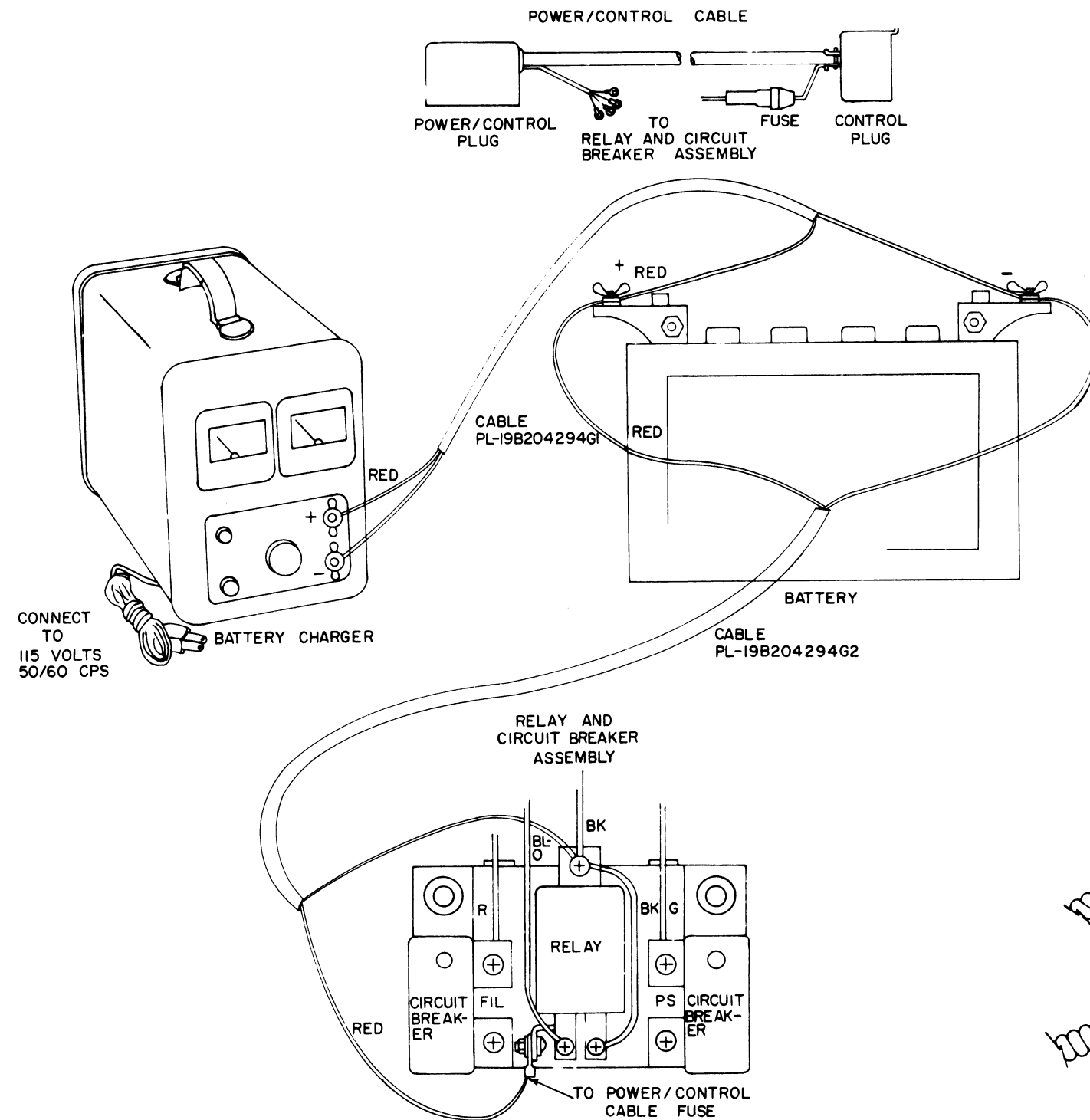
Option 5884 provides AC operation of the Simultaneous Duplex Mobile Telephone Combination with emergency stand-by power facilities. The Kit contains a battery charger for operation of the mobile equipment with the battery floating. If AC power should fail, the battery will permit continued operation of the combination.

Equipment provided with the Option consists of a PL-4039123-G1 Control Unit Desk Stand, a PL-4039212-G1 Cable Kit and a 19B204293-P1 Battery Charger. RC-1079 provides installation information for setting up the equipment. A fully-charged 50 ampere-hour battery will provide eight hours operation at 20 minutes transmit and 4 minutes receive duty cycle (typical operation: 10 hours). The battery will return to the fully recharged state in eight hours with the equipment in the receive condition.

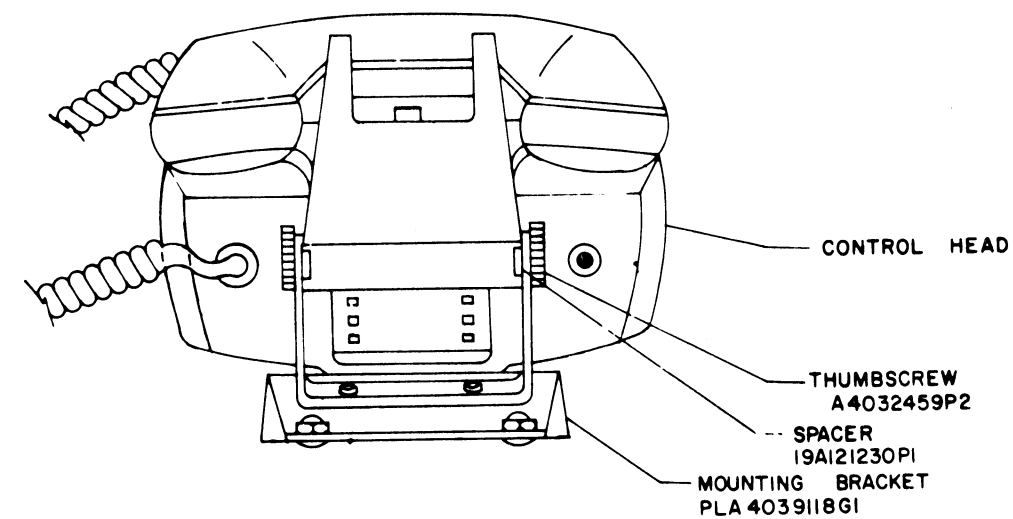
Under continuous duty conditions (24 hours per day), a duty cycle of 25% transmit (10 minutes) and 75% receive (30 minutes) will maintain the battery at a steady or slightly increasing state of charge.

Operation of the equipment with the charger off (power failure) depends on the condition of the battery. With a fully charged battery, three to four hours of operation may be expected with a duty cycle of 50% transmit and 50% receive. Under the same conditions, with a duty cycle of 10%, six or seven hours of operation may be expected. If the combination is operated in the standby position (Transmitter filaments off) for a portion of the time, the battery will stay at a higher state of charge. It is recommended that in all but very light duty applications, a battery of at least 50 ampere-hour capacity be used.

COMMUNICATION PRODUCTS DEPARTMENT
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SECURE CONTROL UNIT HOUSING TO DESK MOUNTING BRACKET WITH THUMBSCREW AS SHOWN.



Installation Diagram
AC BATTERY CHARGER KIT FOR MTS
OPTION 5884
(RC-1079)