STANDARD

OWNER'S MANUAL

CMA111

Mobile Adaptor

STANDARD COMMUNICATIONS
A DIVISION OF MARANTZ JAPAN INC

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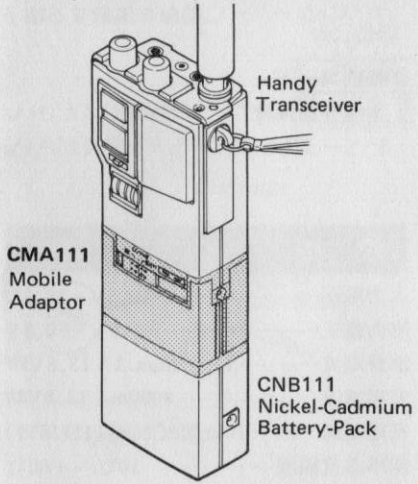
Thank you for your purchase of the CMA 111 was designed as the mobile adaptor for STANDARD Handy Transceiver (C411 and C111).

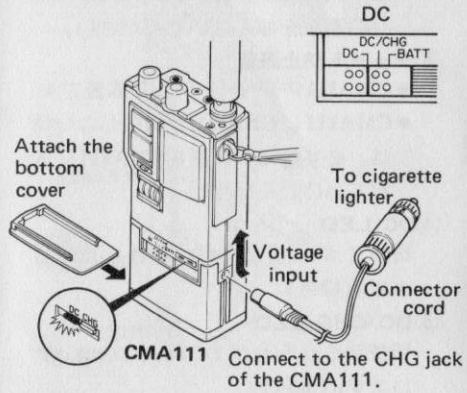
PLEASE NOTE: Do not use the CMA111 with any other handy transceivers.



OPERATIONS

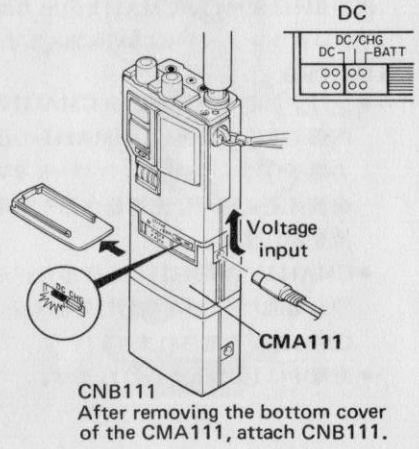
Combining the transceiver and the CMA 111 or the CNB111 is to be carried out as follows:

1) Using the CMA111 together with the transceiver.
Set the selector switch on the CMA111 to DC.

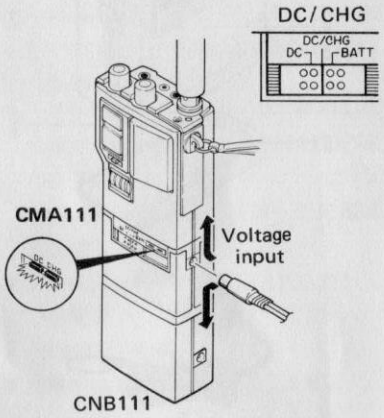


2) When using both CMA111 and CNB 111 together with the transceiver.

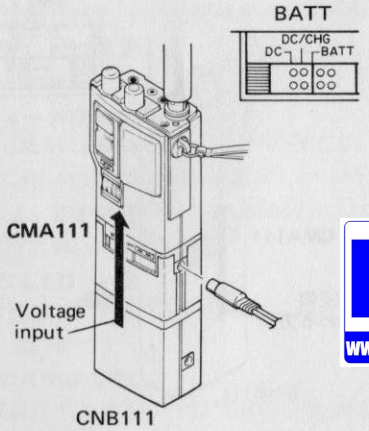
2-1 When the selector switch on the CMA111 is set to DC.



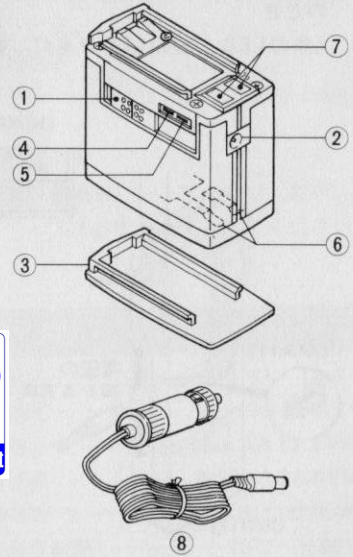
2-2 When the selector switch of CMA 111 is set to DC/CHG.
(Either the red and green LEDs will light up.)



2-3 When the selector switch of CMA 111 is set to BATT.
(The LED indicators will not light up.)



CONTROLS AND CONNECTIONS



① **Selector switch**
This is a selector switch for selection between DC, DC/CHG and BATT.

❶ **DC**
In this position, CMA111 converts the voltage from the cigarette lighter into 9V, and supplies a power voltage of 9V to the transceiver from its output jack.

❷ **DC/CHG**
In this position, CMA111 converts the voltage from the cigarette lighter into 9V, sends a power voltage of 9V to the transceiver from its output jack ⑦ and simultaneously sends a charging current to the battery charger.
By connecting CNB111 (Nickel-Cadmium battery pack) to CMA111, CNB111 will be charged.
When charging the batteries, the LED ⑤ will light up.

❸ **BATT**
The voltage from the Nickel-Cadmium

battery pack (CNB111) will be sent to the transceiver by way of CMA111.

② **Input jack**
This jack is for connecting the supplied connector cord.
Caution: Do not apply a voltage of more than DC 16.5V to the input jack.

③ **Shorting prevention cover**
This is the bottom cover of CMA111 and prevents it from being shorted.
When CNB111 is not connected to CMA111, be sure to keep the supplied shorting prevention bottom cover of CMA111 attached to the bottom of CMA111 in its proper position.

④ **DC LED**
When selector switch ① is set to DC POWER, this LED lights up in green.

⑤ **DC/CHG LED**
When selector switch ① is set to DC/CHG, this LED lights up in red.

⑥ **CNB111 Connector jack**
This jack connects CNB111 to CMA 111.

⑦ **Output jack**
This jack supplies power to the transceiver.

⑧ **Connection cord**
Use the Main Unit exclusive Connection cord.
Use always a 2A fuse.

SPECIFICATIONS

Input voltage	10.5V ~ 16.5V
Output voltage	9V ±0.3V
Current consumption	Max. 1A at 13.8V
Charging current	Approx. 90mA at 13.8V
Charging time required	5 hours (using CNB111)
Operational temperature range	−10°C ~ +60°C

CAUTIONS

1. Be sure not to apply any voltage higher than 16.5V to the input jack of the CMA111.
2. When not connected to the CNB111, be sure to attach the shorting prevention cover to the bottom of the CMA 111.
3. Use the CMA111 in places with good ventilation.
4. Do not use the CMA111 for long periods of time in places where it will be exposed to direct sunlight.
5. When not using your motor vehicle for long periods of time, be sure to disconnect the connector from either the transceiver or the CMA111.