

ICOM

INSTRUCTION MANUAL

144 MHz FM TRANSCEIVER

IC-P2A

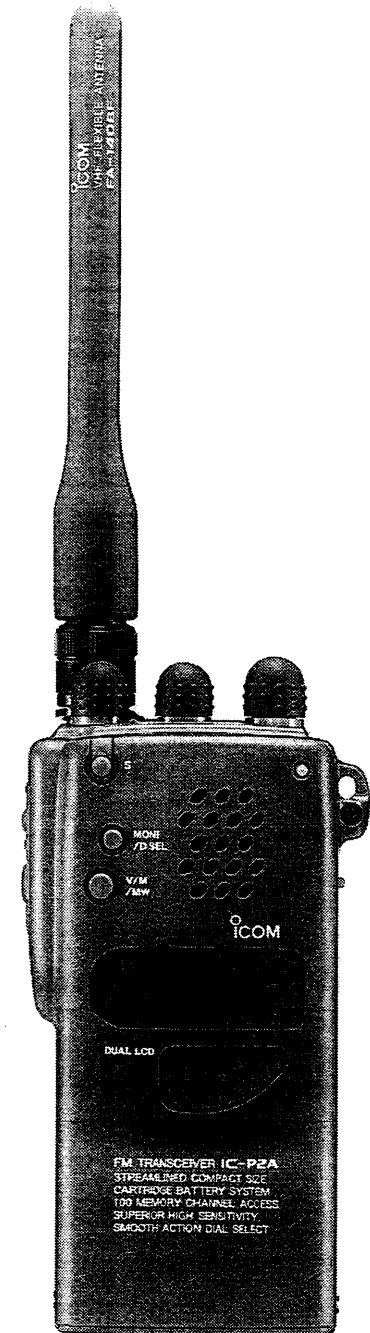
IC-P2E

UHF FM TRANSCEIVER

IC-P4A

IC-P4E

Icom Inc.



FOREWORD

Thank you for purchasing the **IC-P2A/E** or **IC-P4A/E FM TRANSCEIVER**. These belong to the new “P” series of transceivers representing state-of-the-art handheld transceiver technology.

Note that this instruction manual applies only to those functions accessible in its factory-shipped state. For operating more advanced functions a booklet titled “Tech Talk” is available from your local Icom Dealer. If more than one ‘star’ appears in the small function display, the transceiver may not operate as explained in the instruction manual. In this case, the transceiver should be set to the one star operating mode. See ‘TROUBLESHOOTING’ on p. 19.

IMPORTANT

READ ALL INSTRUCTIONS carefully and completely before using the transceiver.

SAVE THIS INSTRUCTION MANUAL — This instruction manual contains important safety and operating instructions for the **IC-P2A/E** and **IC-P4A/E**.

CAUTIONS

NEVER connect the transceiver via the [DC13.8V] jack to an AC outlet or to a power source of more than 16 V DC. This will ruin the transceiver.

NEVER connect the transceiver to a power source using reverse polarity. This will damage the internal circuitry.

NEVER allow children to touch the transceiver.

NEVER use a non-recommended charger for charging. Suggested chargers are described on p. 3.

AVOID using or placing the transceiver in areas with temperatures below -10°C ($+14^{\circ}\text{F}$) or over $+60^{\circ}\text{C}$ ($+140^{\circ}\text{F}$).

AVOID placing the transceiver in direct sunlight.

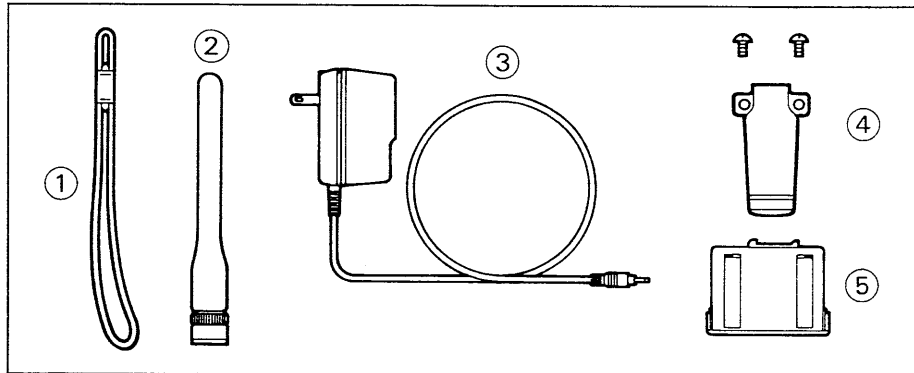
BE CAREFUL! When transmitting for a long time with high output power, the rear panel will become hot.

The use of non-Icom battery packs/chargers may impair transceiver performance and invalidate the warranty.

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UNPACKING



Accessories included with the IC-P2A/E and IC-P4A/E:

① Handstrap	1
② Antenna*1	1
③ Wall charger*2	1
④ Belt clip and screws	1 set
⑤ Battery pack (BP-111; inserted in the transceiver)	1

*1 FA-140BF (IC-P2A/E), FA-430BD (IC-P4A/E).

*2 BC-73E/D or BC-74A/V depending on version.

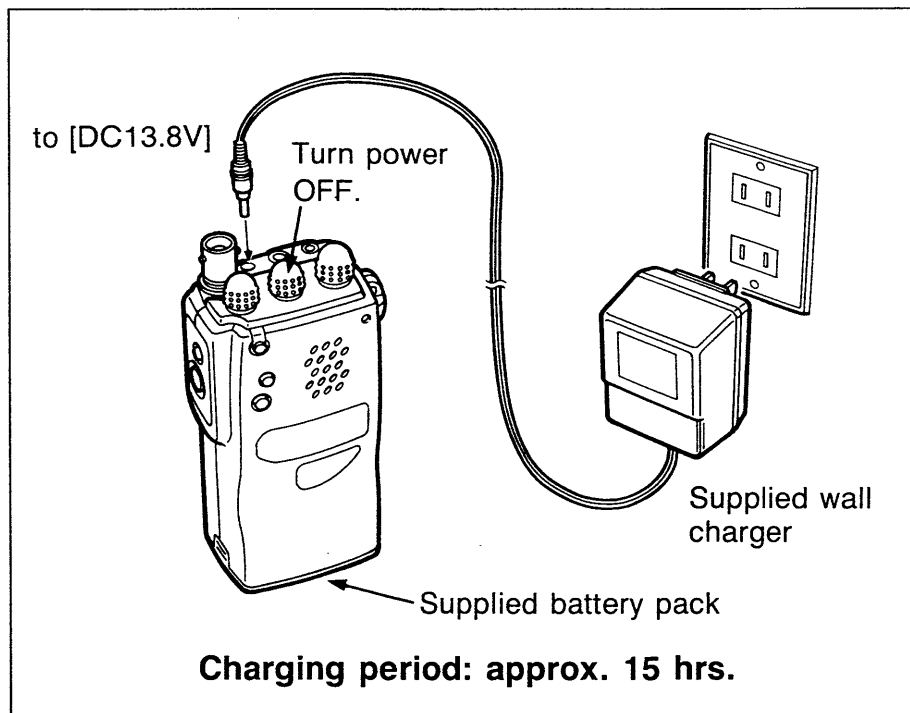
1 FIRST APPLYING POWER

■ Charge the battery pack

When you purchase the transceiver, the supplied battery pack is empty and requires a full charge.

Connect the supplied wall charger as illustrated in the diagram below.

- The CPU backup battery will also be fully charged.
- See p. 3 for details on safety and use of a desktop charger.



■ CPU activating and resetting

When first applying power or when the transceiver has not been operated for 2 months or more, the internal battery may be exhausted, and the transceiver's CPU may require activating.

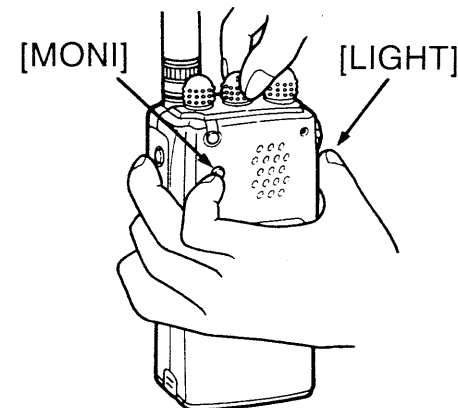
- While pushing [FUNC], turn power ON to activate the CPU.

If erroneous information appears on the function display, (e.g. when first applying power or after CPU activating), CPU resetting is required.

- While pushing [LIGHT] and [MONI], turn power ON to reset the CPU.

CAUTION: Resetting the CPU will clear all set contents such as memory channels, time, etc.

CPU resetting



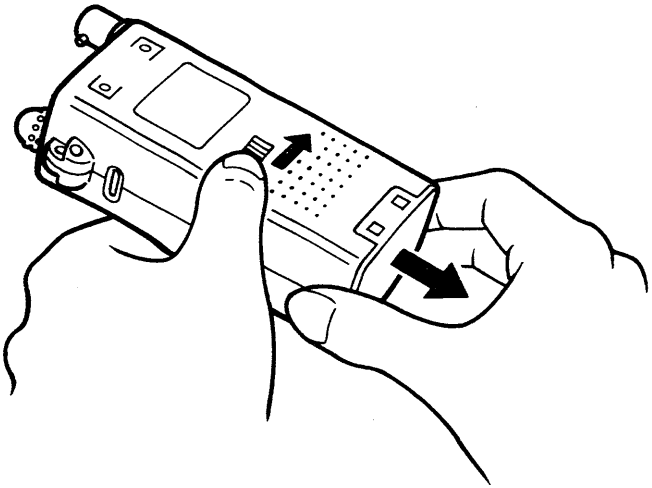
The function display shows as follows:

	VERSION	FREQUENCY
IC-P2A/E	U.S.A., Asia	146.01 MHz
	Others	145.00 MHz
IC-P4A/E	U.S.A.	440.00 MHz
	Others	430.00 MHz

■ Battery pack removal

Slide the battery pack release button on the rear panel inward, then pull the battery pack downwards.

To insert the battery pack, insert it until hearing a click.



Be careful! The transceiver has a battery stopper, therefore, exact insertion is necessary.

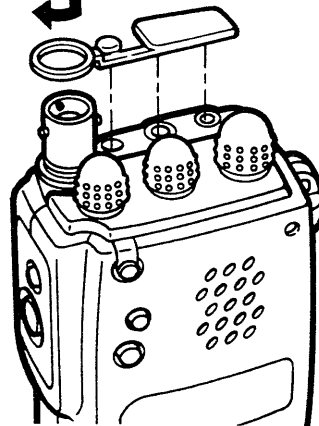
■ Other accessories

• Antenna

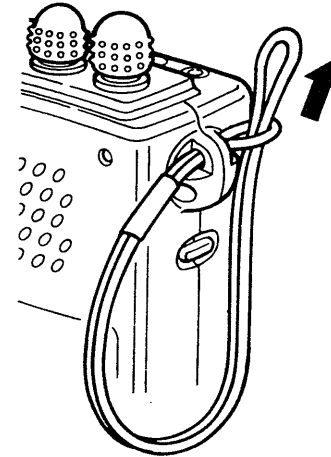


CAUTION:

Transmitting without the antenna may damage the transceiver.

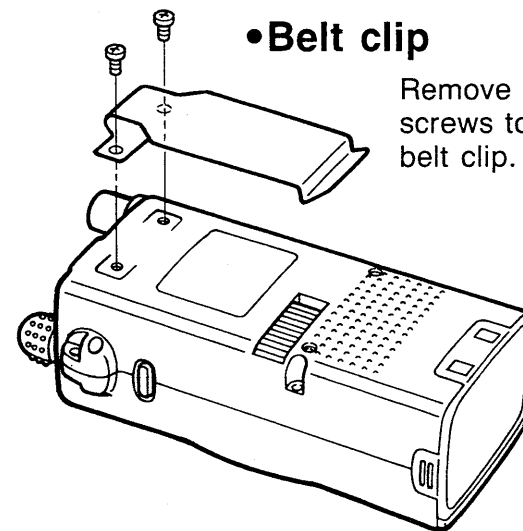


• Handstrap



• Belt clip

Remove the plastic screws to attach the belt clip.



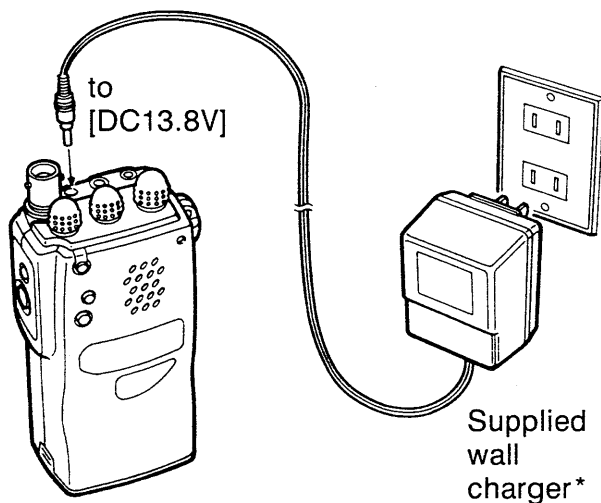
3

BATTERY PACK CHARGING

• Regular charging

Connect the supplied wall charger to the [DC13.8V] jack.

NEVER charge dry cell batteries via the BP-110 BATTERY CASE.



BP-111 ~ 113 or BP-110 with NiCd batteries can be charged when inserted into the transceiver.

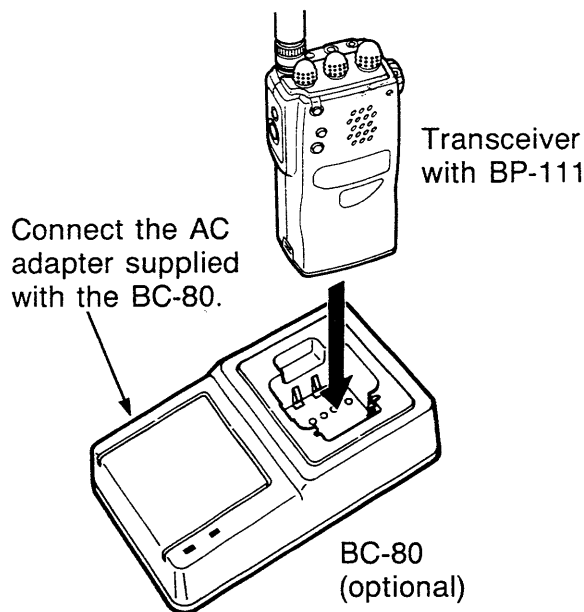
*BC-73E/D is for charging the BP-111 only.

• Charging period: 15 hrs. (approx.)

• Rapid charging with the optional BC-80

BP-111 with transceiver

Insert the BP-111 into the transceiver. Insert the transceiver into the charging slot of the BC-80.

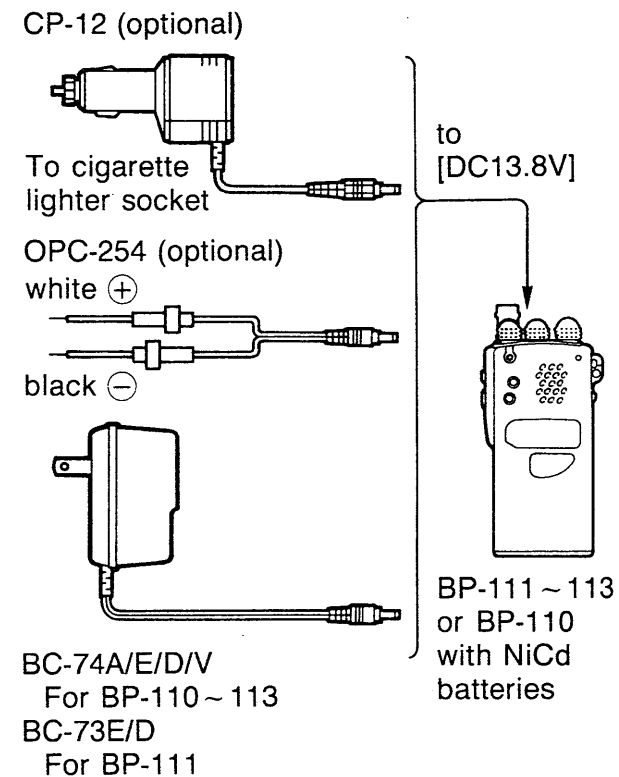


Connect the AC adapter supplied with the BC-80.

• Other battery packs require an adapter that comes with the BC-80.

• Charging period: 1 ~ 2 hrs. (approx.)

• Charging with optional charger or cables

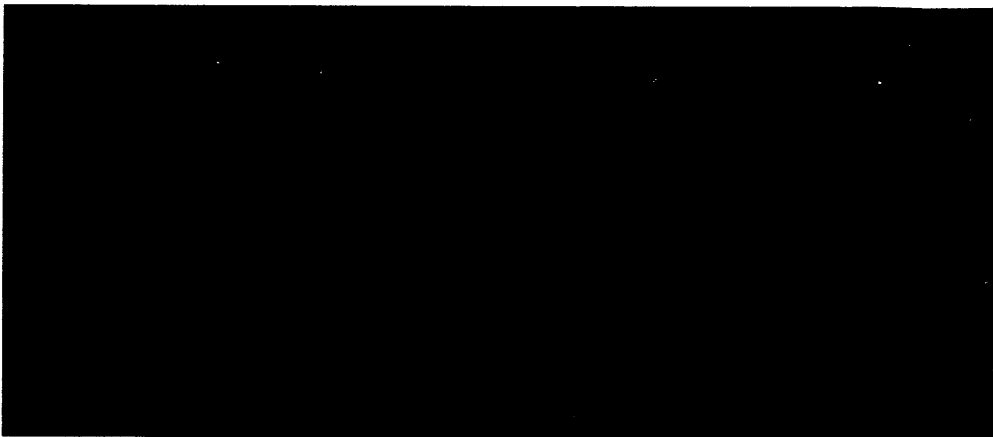


BC-74A/E/D/V
For BP-110 ~ 113
BC-73E/D
For BP-111

NEVER connect the above options when the BP-110 is used with dry cell batteries.

• Charging period: 15 hrs. (approx.)

Count on us!



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