

ICOM

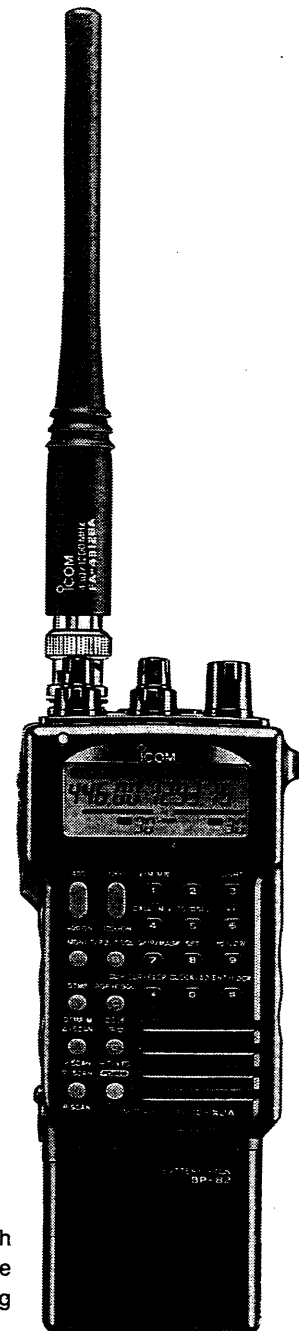
INSTRUCTION MANUAL

DUAL BAND FM TRANSCEIVER

IC-X2A

IC-X2E

icom Inc.



The photo shows IC-X2A with BP-82 BATTERY PACK. The battery pack differs according to versions.

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-X2A/E.

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

OPERATING NOTES

BE CAREFUL! When transmitting for a long time with high output power, the rear panel may become hot. If continual, the thermal protection circuit will decrease power.

When using the transceiver with a small-capacity battery pack such as BP-81 or BP-82, we recommend operating with low output power. Battery power will be discharged quickly if the transceiver is operated continuously using high output power.

CAUTIONS

NEVER connect the transceiver to an AC outlet or to a power source of more than 15 V DC. These connections will ruin the transceiver.

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

NEVER allow children to touch the transceiver.

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

AVOID placing the transceiver in direct sunlight.

FOREWORD

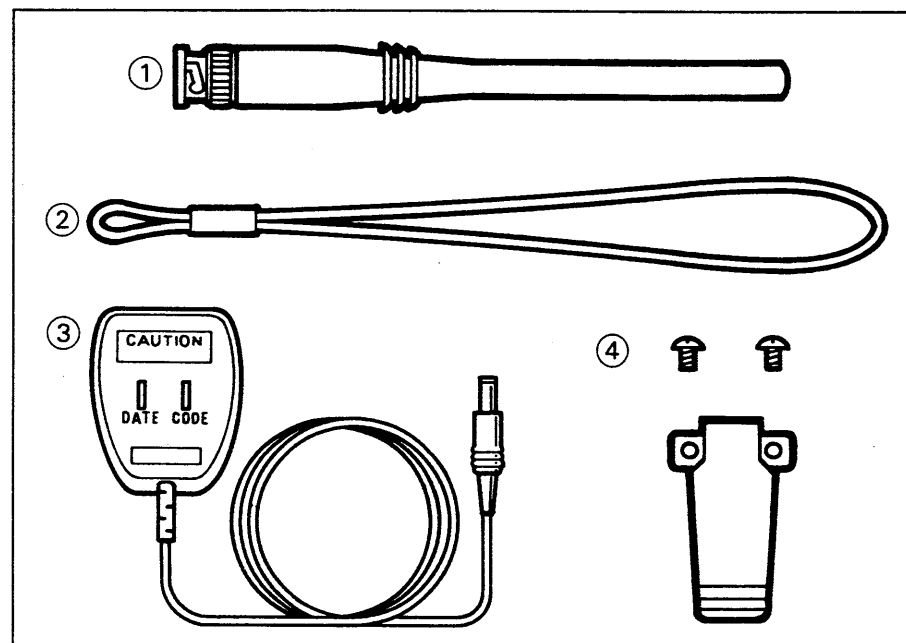
Thank you for purchasing the **IC-X2A/E DUAL BAND FM TRANSCEIVER**. A state-of-the-art transceiver, the **IC-X2A/E** has the following features:

- Simultaneous receiving and displaying of the 430(440) MHz and 1200 MHz bands.
- Unbelievably small — just fits in the palm of your hand.
- Separate volume and squelch controls for each band.

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UNPACKING



① Flexible antenna (FA-4312BA)	1
② Handstrap	1
③ Wall charger*1	1
④ Belt clip and screws	1 set
Battery pack or battery case*2	1

*1 Not included in some versions which are attached to battery cases.

*2 Either BP-82, BP-83, BP-84 or BP-90 will be attached to the transceiver depending on your version.

1 Before operation

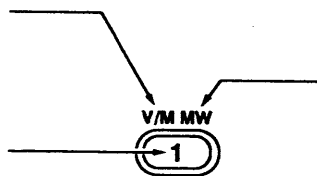
Some keys on the front panel have 3 or 4 different functions. The function depends on the following procedures:

Digits (1 ~ 0)	Activated for frequency setting after pushing [# ENT].
Functions written in gray	Activated by simply pushing the key.
Functions written in blue	Activated by pushing the key while pushing [F] on the side panel.
Digits and letters (1 ~ 0 and A ~ D)	Activated for DTMF transmission while [PTT] is being pushed.

[EXAMPLE]:

Push this key:
Switches VFO and MEMORY mode.

Push this key after pushing [# ENT]:
Inputs "1" for frequency entry.



Push this key while pushing [F]:
Writes the displayed data into a memory channel.

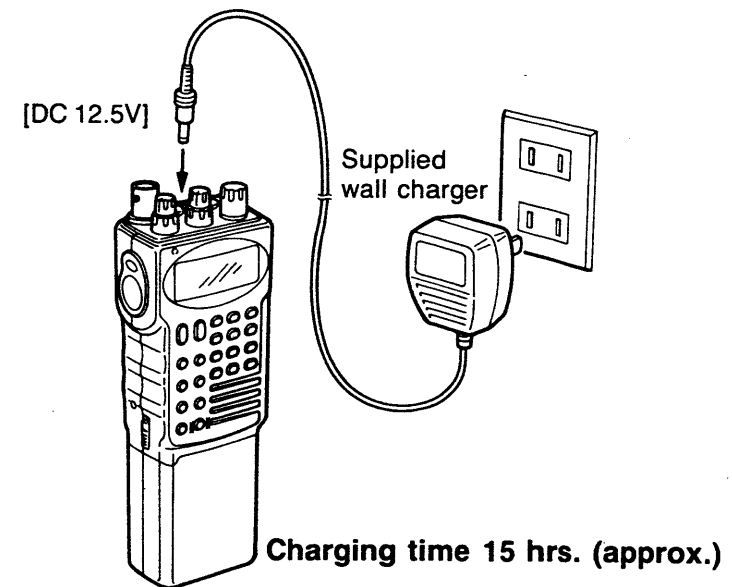
[① V/M] and [① MW] are used here as examples.

2 Charge the battery pack

The supplied battery pack may require a full charge prior to operation.

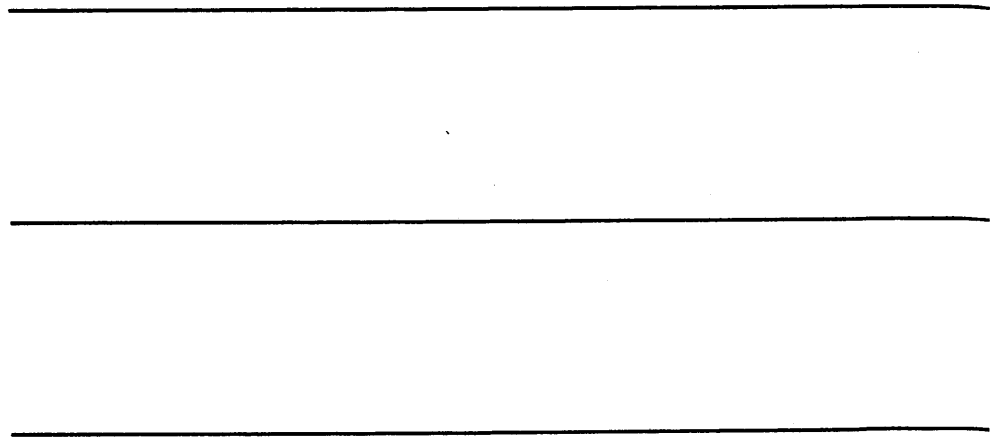
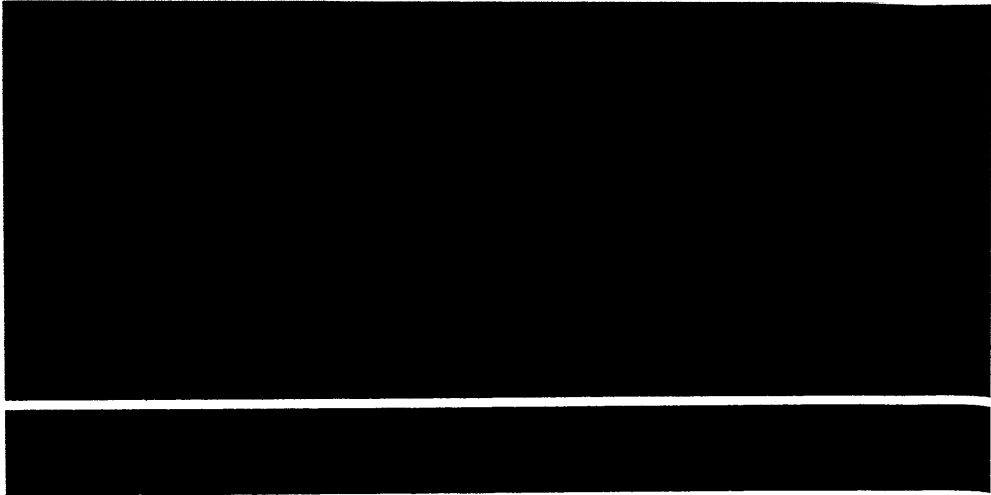
Turn the transceiver power OFF and then connect the supplied wall charger as described in the diagram below.

- The CPU back-up battery will also be fully charged.
- See pgs. 11 ~ 14 for details on safety and use of a desktop charger or battery case.



CAUTION: DO NOT forget to attach the jack cap after battery charging is finished. The jack cap prevents bad contact caused by dust.

Count on us!



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