

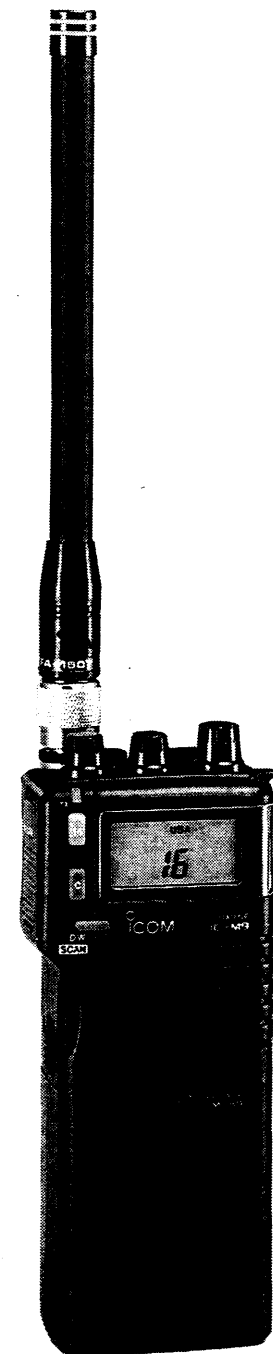
ICOM

INSTRUCTION MANUAL

VHF MARINE TRANSCEIVER
(General version)

IC-M9

Icom Inc.

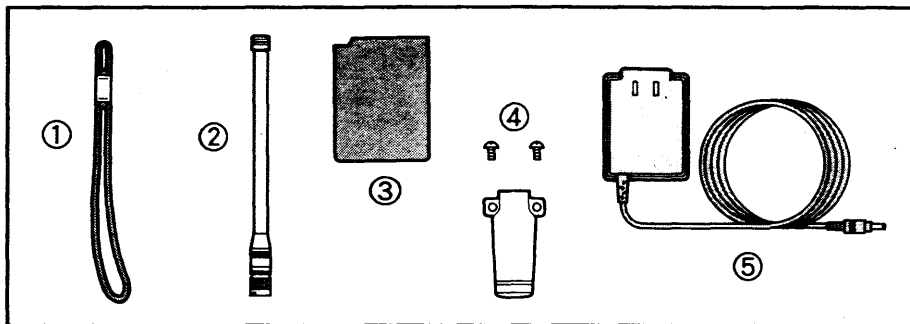


IMPORTANT

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-M9.

UNPACKING



Accessories included with the IC-M9:

	Qty.
① Handstrap.....	1
② Flexible antenna.....	1
③ Attached Ni-Cd battery pack.....	1
④ Belt clip and screws.....	1 set
⑤ Wall charger	1

CAUTIONS

NEVER connect the transceiver via the [CHARGE] jack to an AC outlet or to a power source of more than 18 V DC. These connections will ruin the transceiver.

KEEP the transceiver out of the reach of children.

AVOID exposing the transceiver to heavy rain/snow or excessive moisture.

NEVER charge battery packs except in the methods described in this manual.

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

AVOID using the transceiver in areas with temperatures below -20°C or above $+60^{\circ}\text{C}$. The transceiver may not operate correctly.

BE CAREFUL! The [CHARGE] jack on the transceiver cannot be used as an external power jack. Use only a battery pack as a power supply.

BE CAREFUL! If immersed in fresh or saltwater permanent damage may result.

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■ Operating rules

• PRIORITIES

- 1) Read all rules and regulations pertaining to priorities and keep an up-to-date copy handy. Safety and distress calls take priority over all others.
- 2) You must monitor channel 16 when you are not operating on another channel.
- 3) False or fraudulent distress calls are prohibited under law.

• PRIVACY

- 1) Information overheard but not intended for you cannot lawfully be used in any way.
- 2) Indecent or profane language is prohibited.

• RADIO LICENSES

(1) SHIP STATION LICENSE

When your craft is equipped with a VHF FM transceiver, you must have a current radio station license before using the transceiver. It is unlawful to operate a ship station which is not licensed.

Inquire through your dealer or the appropriate government agency for a Ship-Radiotelephone license. This license includes the call sign which is your craft's identification for radio purposes.

(2) OPERATOR'S LICENSE

A Restricted Radiotelephone Operator Permit is the license most often held by small vessel radio operators when a radio is not required for safety purposes. You can usually obtain this permit by mail.

The Restricted Radiotelephone Operator Permit must be posted near the transceiver or be kept with the operator. Only a licensed radio operator may operate a transceiver.

However, non-licensed individuals may talk over a transceiver if a licensed operator starts, supervises, ends the call and makes the necessary log entries.

A current copy of the applicable government rules and regulations is usually required to be on hand.

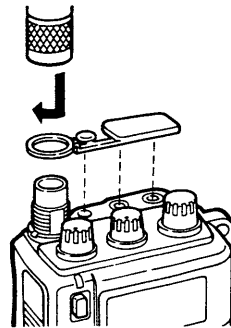
■ Accessory attachment

• FLEXIBLE ANTENNA

Insert the supplied antenna into the antenna connector and rotate the antenna as shown in the diagram.

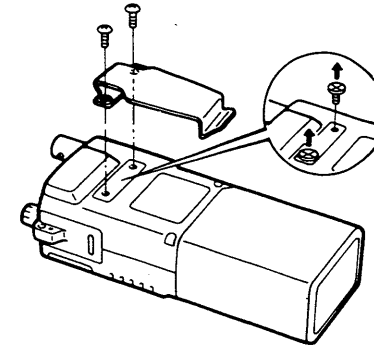
KEEP the dust cover in place when jacks are not in use to avoid bad contacts.

CAUTION: Transmitting without an antenna may damage the transceiver.



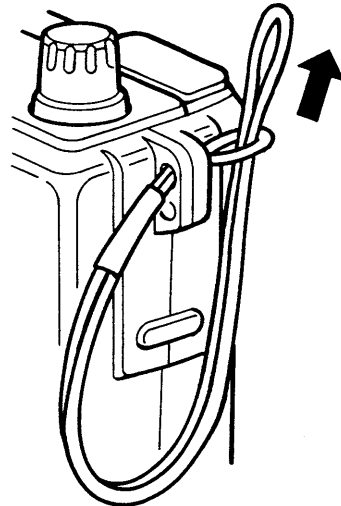
• BELT CLIP

Remove the plastic screws, then attach the belt clip using the supplied metal screws. Conveniently attaches to your belt.



• HANDSTRAP

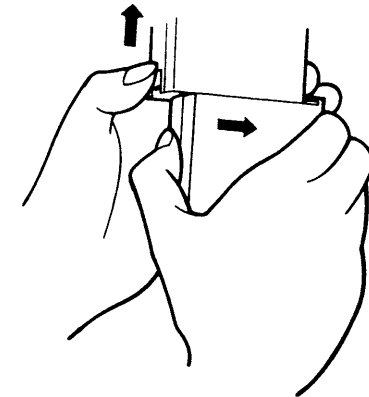
Attach the handstrap as shown in the diagram. Facilitates carrying.



• BATTERY PACK

To remove: push and hold the battery pack release button upwards, then slide the battery pack free.

To attach: mate the notched ends of the transceiver and the battery pack, then click the battery into place.



1 PRE-OPERATION

■ Charging notes

- **NEVER** attempt to charge non-rechargeable batteries with the BP-90.
- Connect a charger as illustrated in the following diagrams. **NEVER** connect two or more chargers at the same time.
- The transceiver must be turned OFF when charging a battery pack attached to the transceiver. Failure to do so may damage the transceiver.
- Charging may not be successful in extreme cold (under 0°C ; +32°F) or extreme heat (over +40°C ; +104°F).
- The use of non-Icom battery packs/chargers may impair transceiver performance and invalidate the warranty.

■ Battery life

If your battery pack seems to have no capacity even after being charged, completely discharge it by leaving the power ON overnight. Then, fully charge the battery pack again. If the battery pack still does not retain a charge (or very little), a new battery pack must be purchased.

■ Cautions

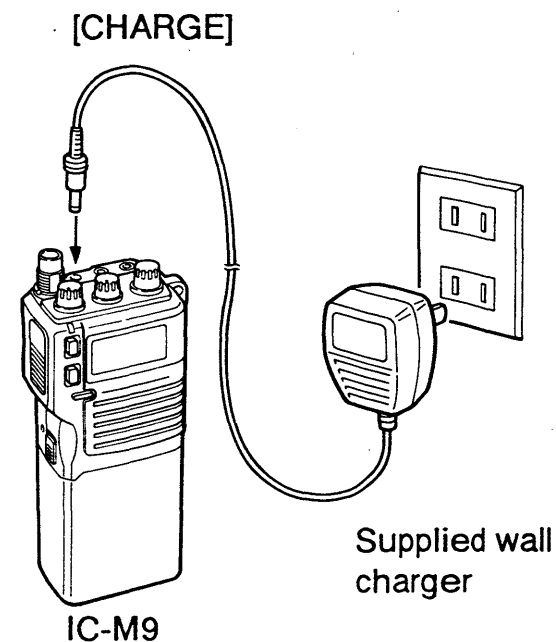
NEVER incinerate used battery packs. Internal battery gas may cause an explosion.

NEVER immerse the battery pack in water. If the battery pack becomes wet, be sure to wipe it dry.

NEVER short terminals of the battery pack. Internal components may become damaged. Also, current may flow into nearby metal objects so be careful when placing battery packs in handbags, etc.

• Using supplied wall charger

Connect the supplied wall charger to the [CHARGE] jack.

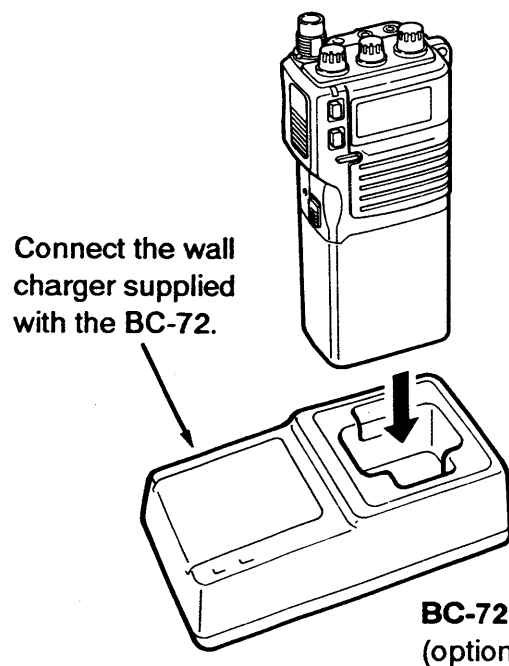


Charging time: 15 hrs. (approx.)

• Using an optional BC-72

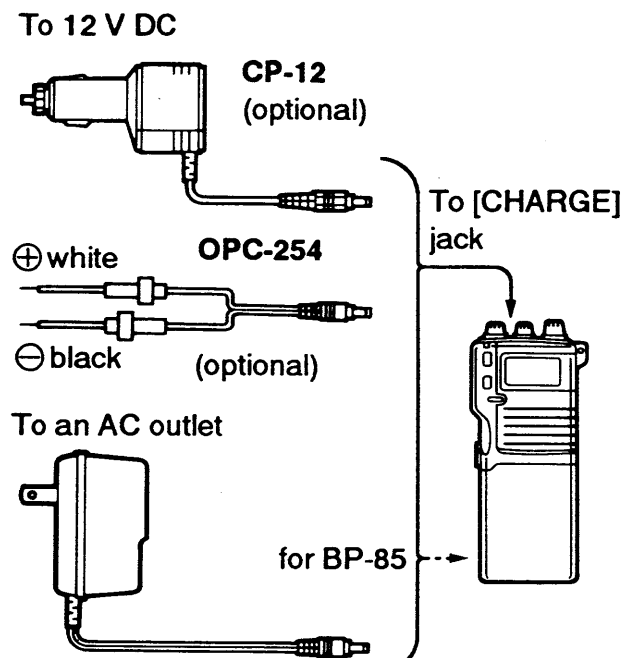
Insert the battery pack into the charging slot of the BC-72.

The BP-90 BATTERY CASE cannot be charged using the BC-72 even when Ni-Cd batteries are installed.



Charging time: 1 to 3 hrs. (approx.)

• Optional charger and cables



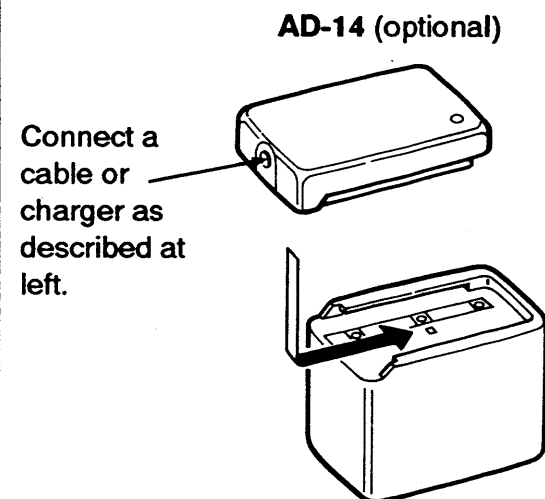
BC-74A/E/D/V or BM-76A/E/D/V
(BC-73E/D charges only BP-81 or BP-82.)

BC-73E/D: for BP-81 or BP-82
BC-74A/E/D/V: for BP-81 to BP-85
BM-76A/E/D/V: for CM-89

Charging time: 15 hrs. (approx.)

• Charging without the transceiver

To charge the battery pack separately from the transceiver, use the optional AD-14.



Since the BP-85 has an independent charging jack, it cannot be charged via the AD-14.

Charging time: 15 hrs. (approx.)

Front and side panels

TRANSMIT POWER SWITCH

[HI/LOW] (p. 10)

Selects high or low output power.
Also activates the secondary function of other switches.

PTT SWITCH [PTT] (p. 10)

Push and hold to transmit; release to receive.

DUAL WATCH/SCAN SWITCH

[DW/SCAN] (pgs. 9, 14)

Starts and stops dual/tri-watch.
When pushed and held, starts one of the scans.
In addition, when [HI/LOW] is pushed and held, this switch locks out the indicated channel.

BATTERY PACK RELEASE BUTTON (p. 2)

Opens latch for battery pack removal when pushed upwards.

TRANSMIT/RECEIVE INDICATOR

[TX] (pgs. 9, 10)

Lights up in green while the squelch is open; red while transmitting.

CHANNEL 16 SWITCH [16] (p. 8)

Toggles between channel 16 and a regular channel.

CALL/MEMORY SWITCH [C/M]

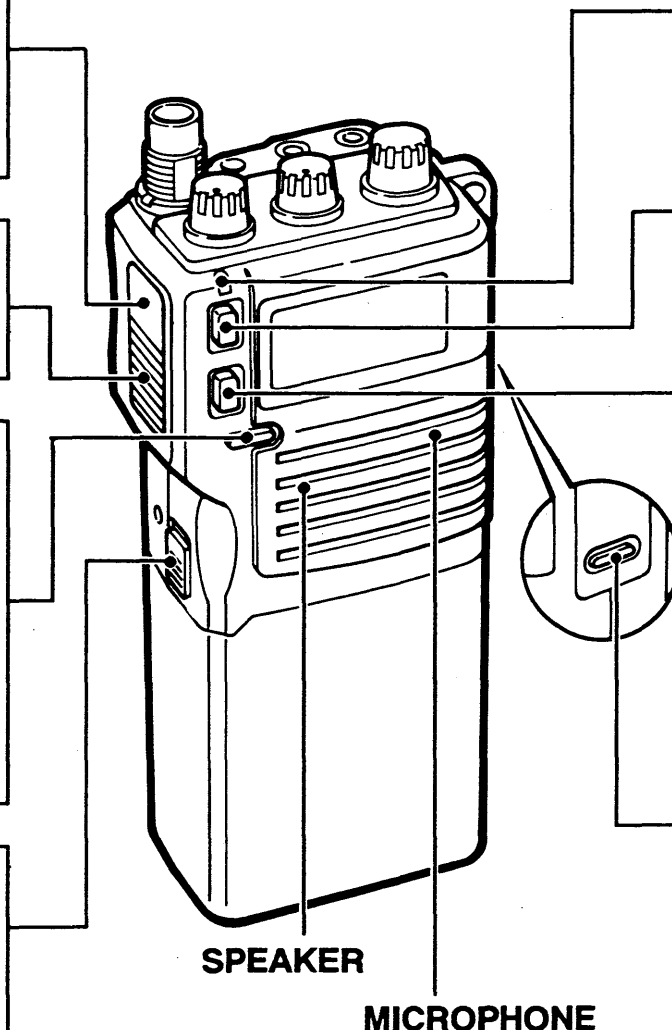
(p. 8)

Selects the call channel, a memory channel or a regular channel.
When [HI/LOW] is pushed and held, this switch enters call/memory channel programming mode.

LIGHT SWITCH

[LIGHT(SCRM)/LOCK] (pgs. 10, 16)

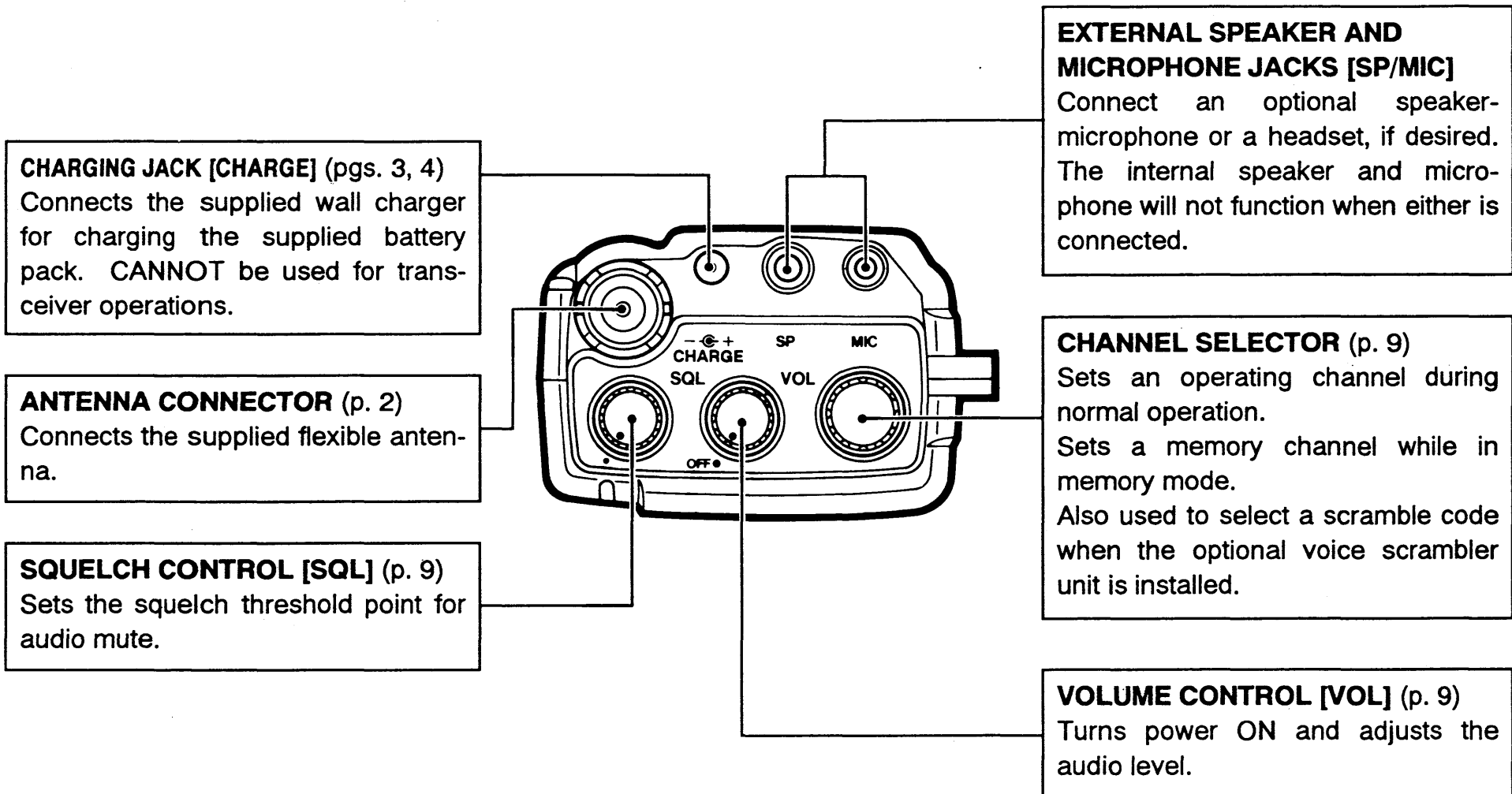
Turns the function display lighting ON and OFF.
When pushed and held, activates the optional scrambler unit.
In addition, when [HI/LOW] is pushed and held, activates the lock function.



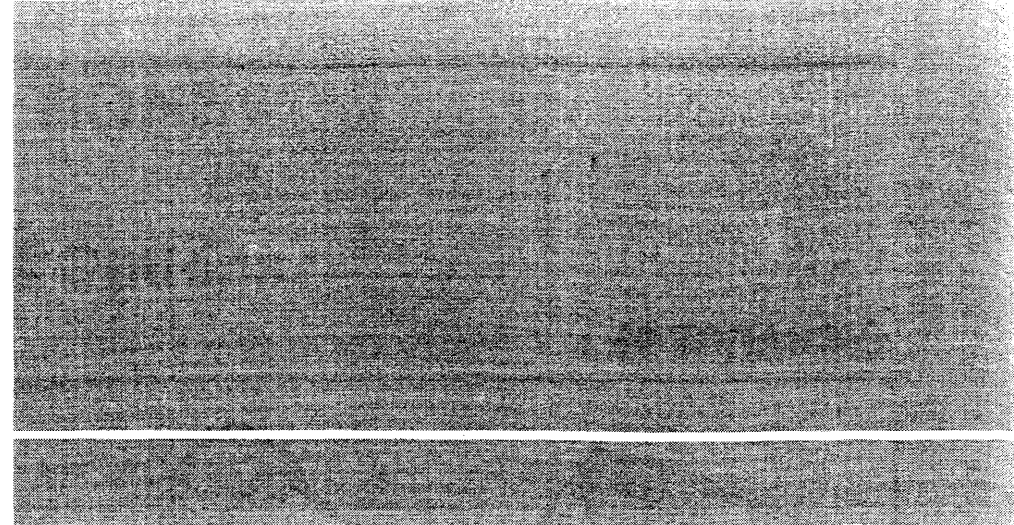
SPEAKER

MICROPHONE

■ Top panel



Count on us!



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