

JVC

Instruction Booklet

FM/AM RADIO-TELEVISION **P-100EUC**

**BEDIENUNGSANLEITUNG
UKW/MW-FERNSEHRADIO
TELEVISEUR PORTATIF AVEC
RADIO FM/AM INCORPOREE**





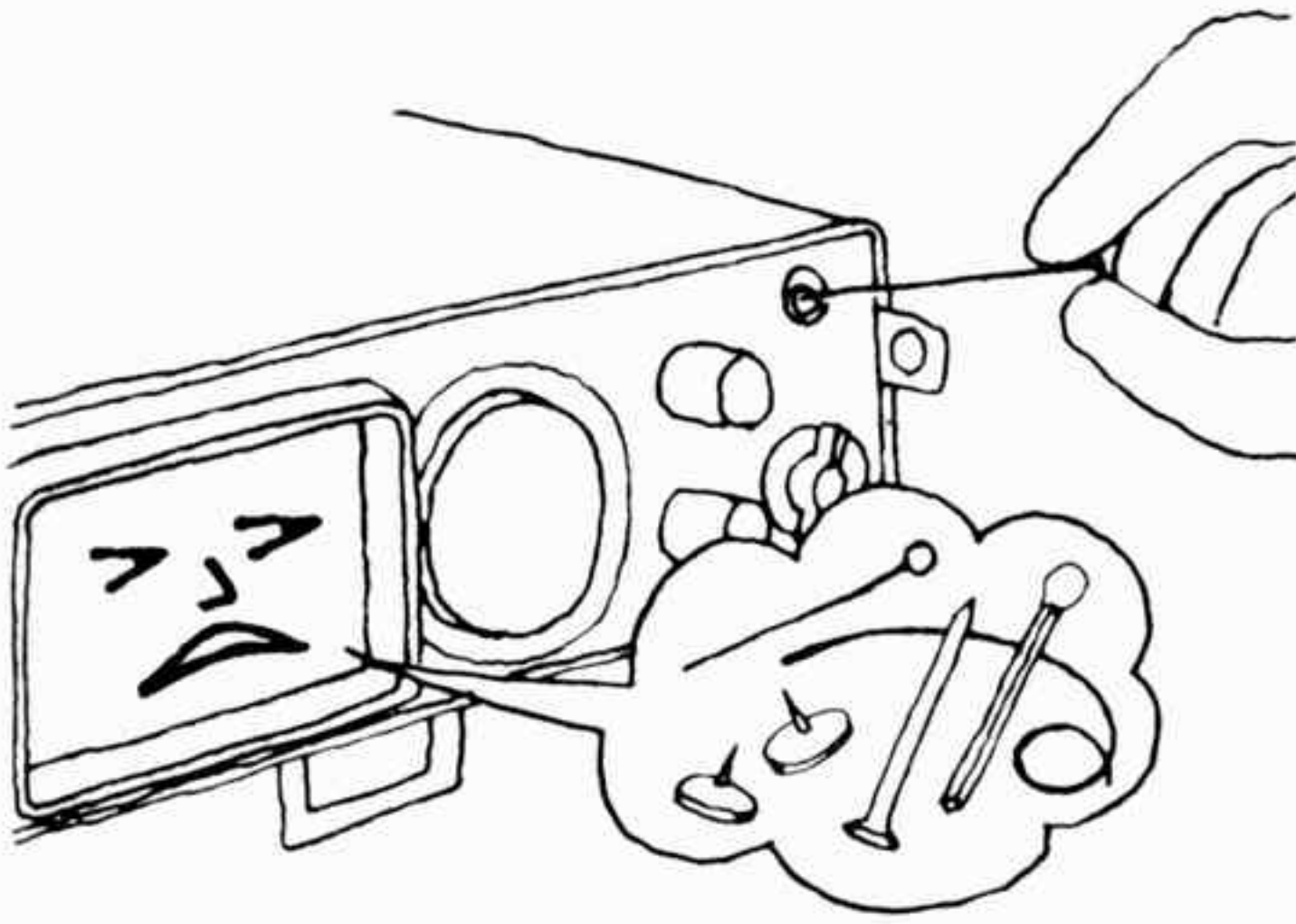
We wish to express our appreciation for your purchase JVC FM/AM radio & television Model P-100EUC.
Please read carefully Instruction Booklet before operating your JVC unit.

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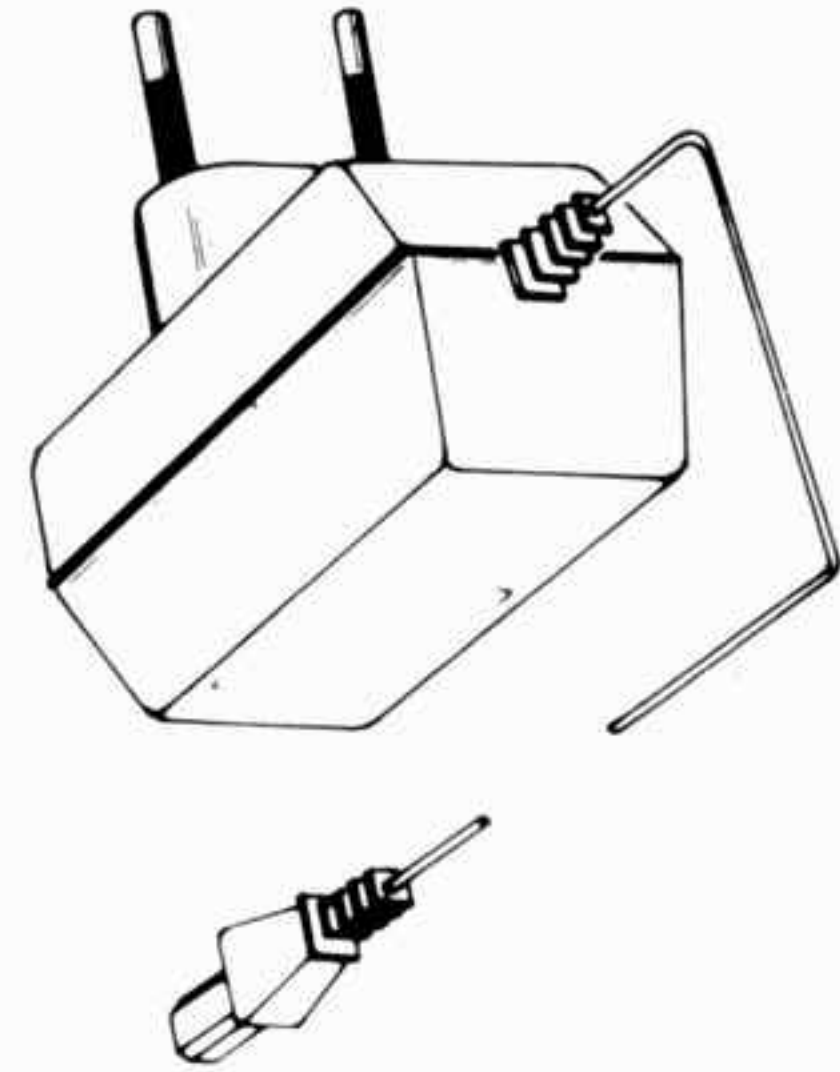
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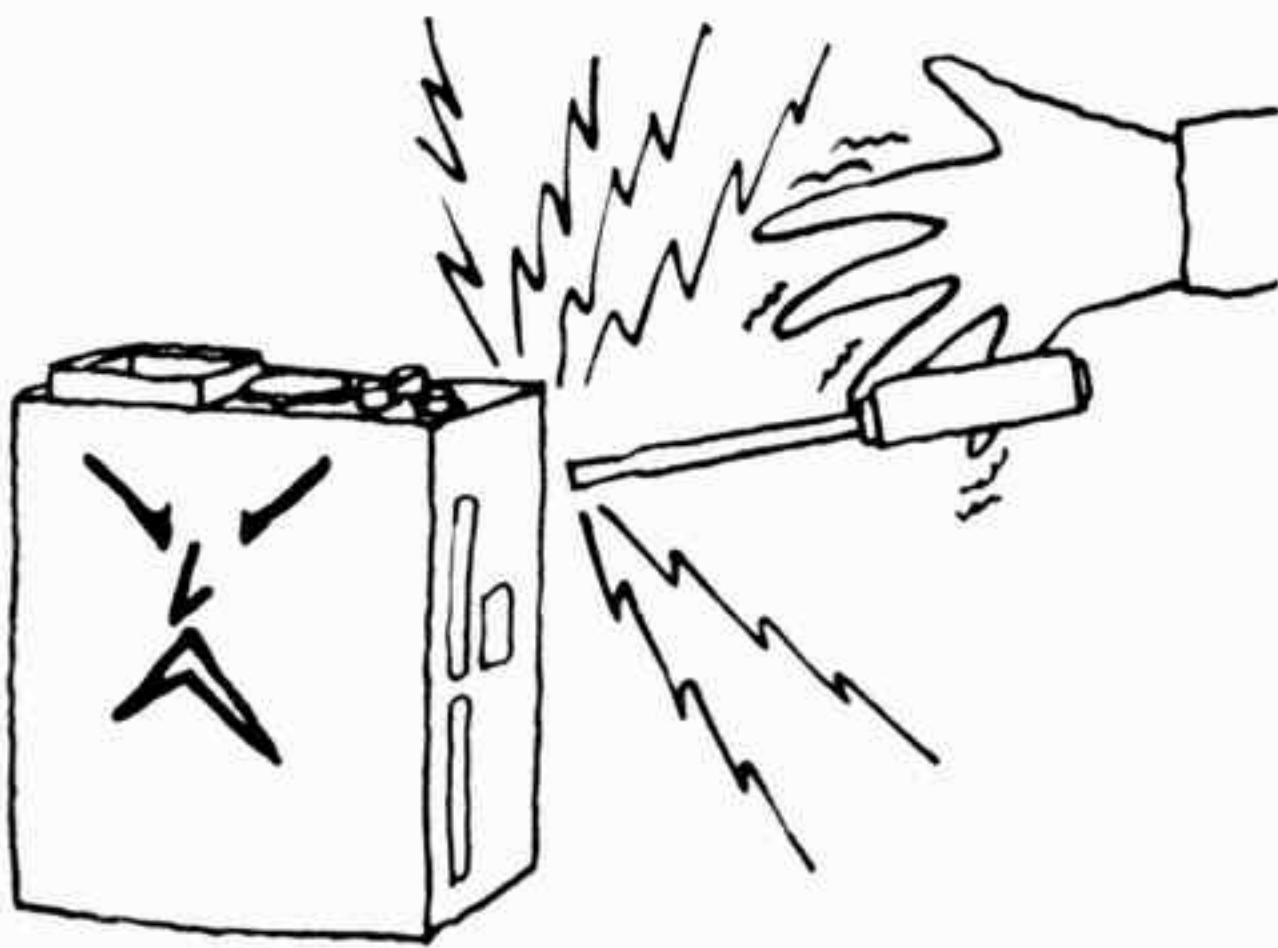
SAFETY PRECAUTIONS



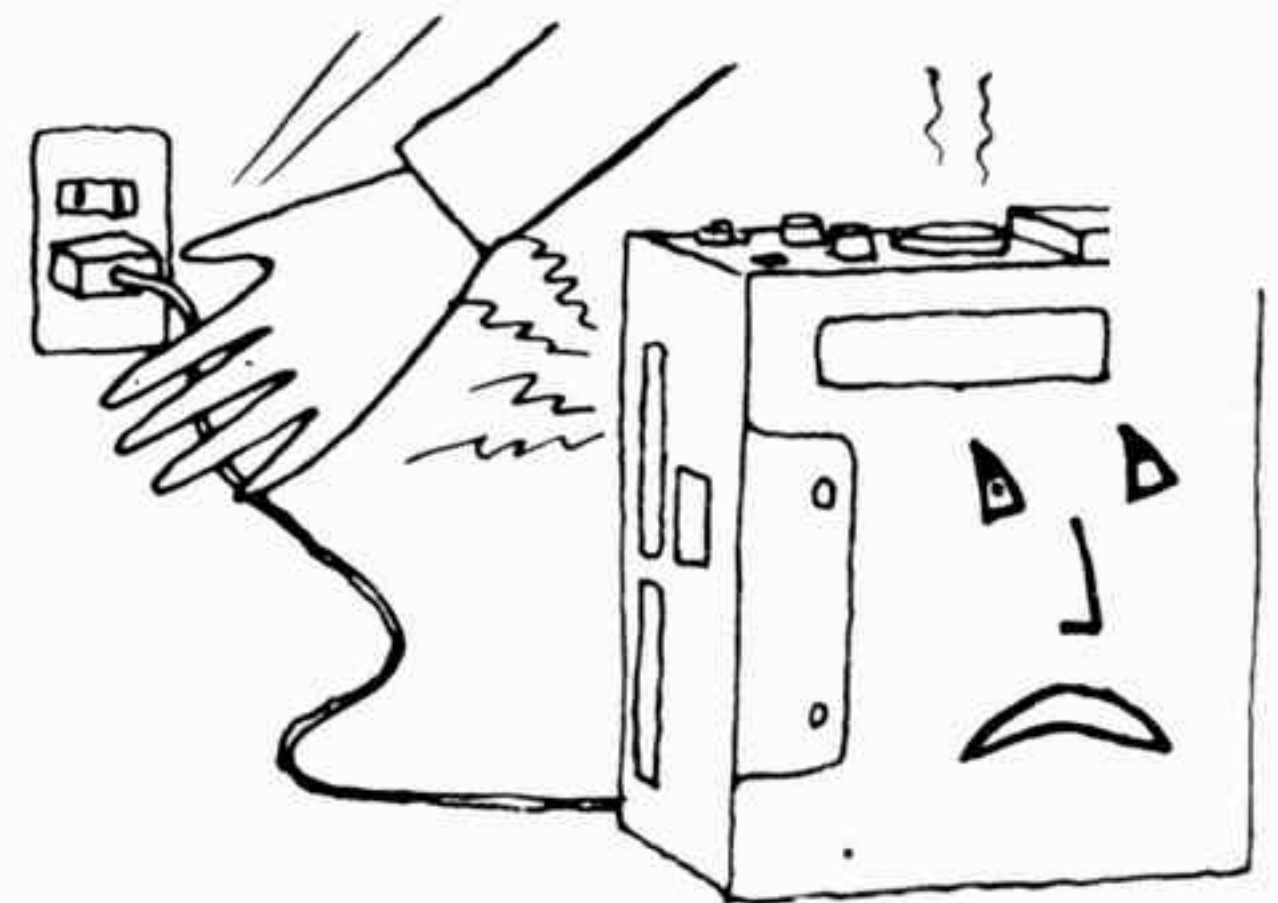
Never insert objects into the set through plug openings as it is possible to touch dangerous voltage points.



Use surely an AC adaptor Model AA-24LEU supplied or an optional AC power adaptor Model AA-100SEU when operating this set on a house current.



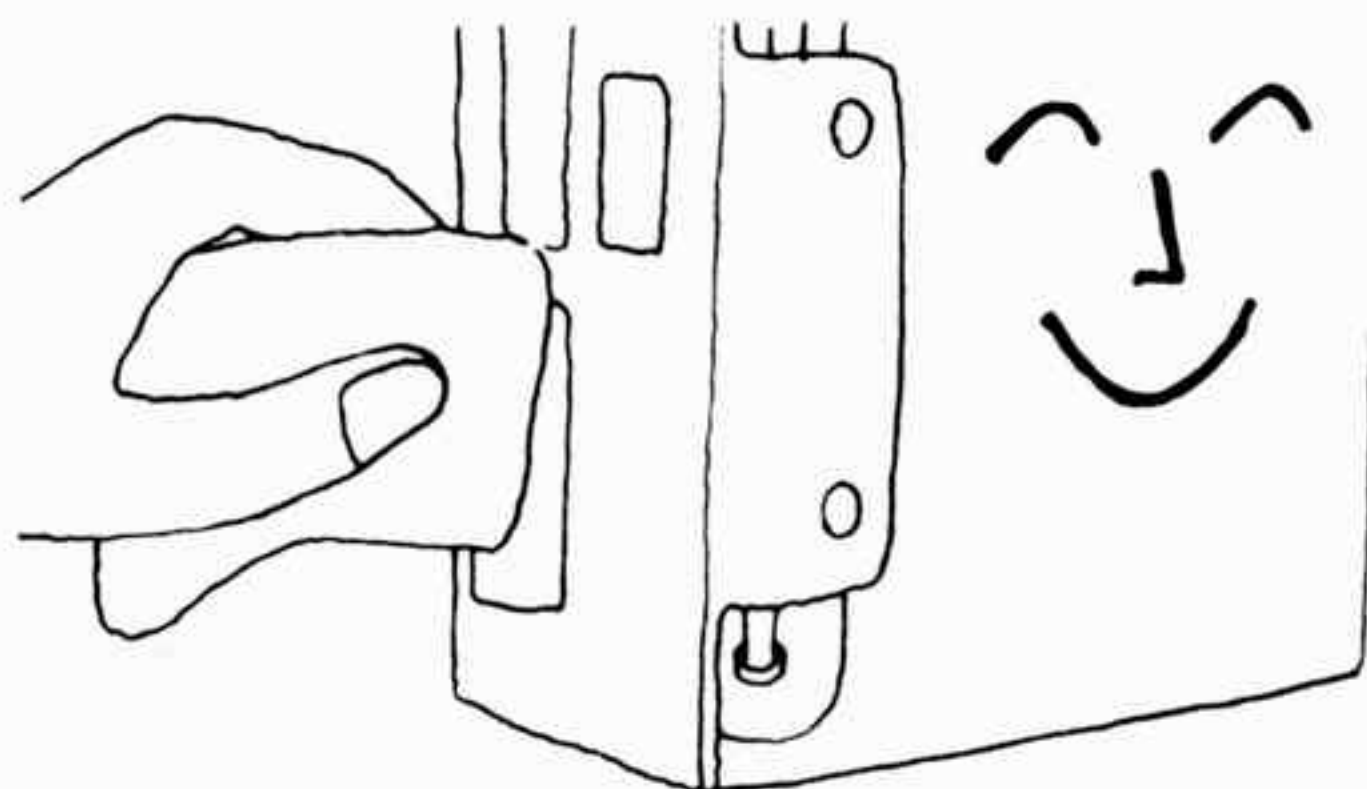
Do not remove the back cover of the set as this can expose you to high voltage.



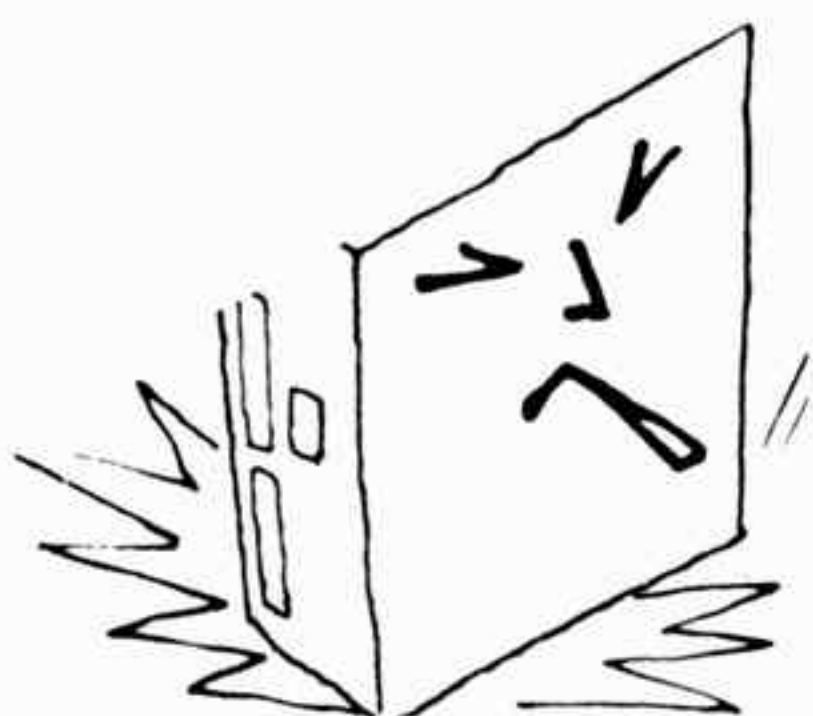
If you are unable to restore normal operation by this manual, turn the set off and call your dealer or service technician.



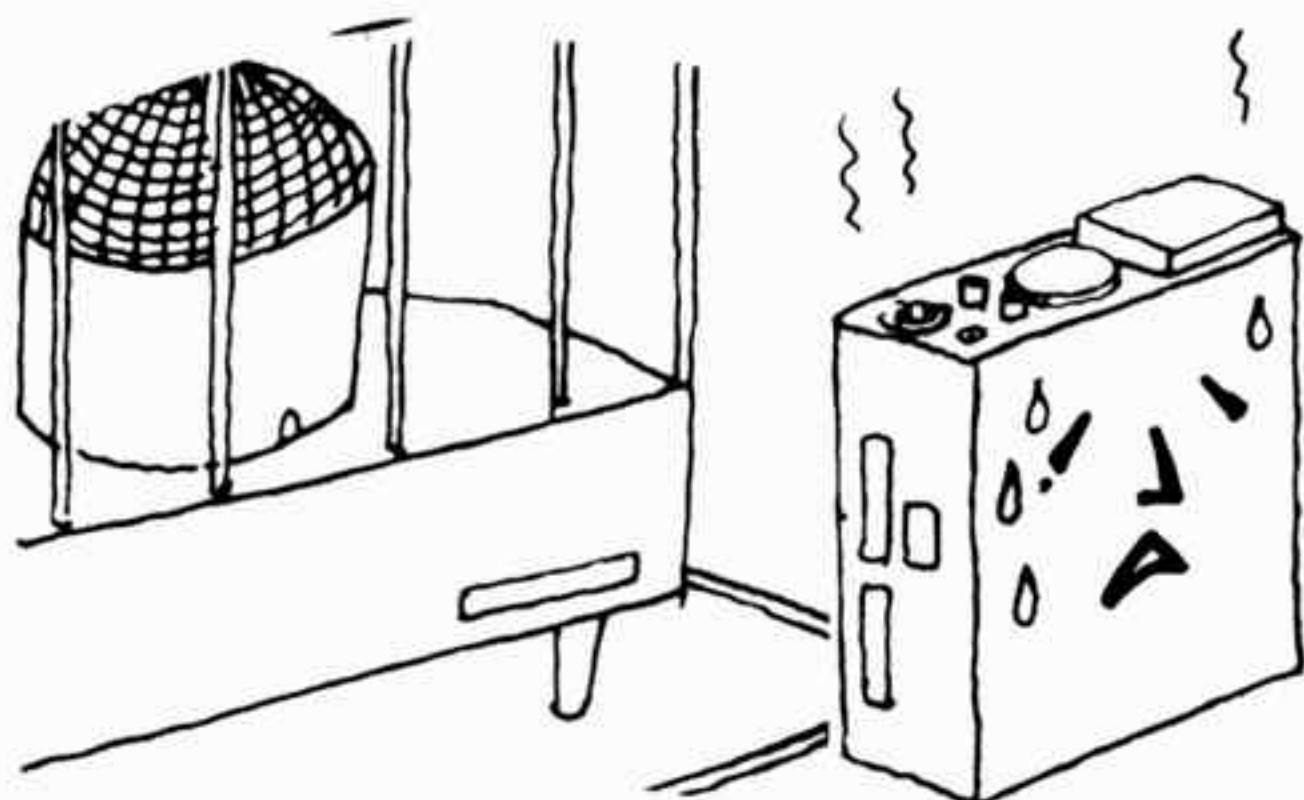
Do not expose the set to rain or moisture while operating on AC current.



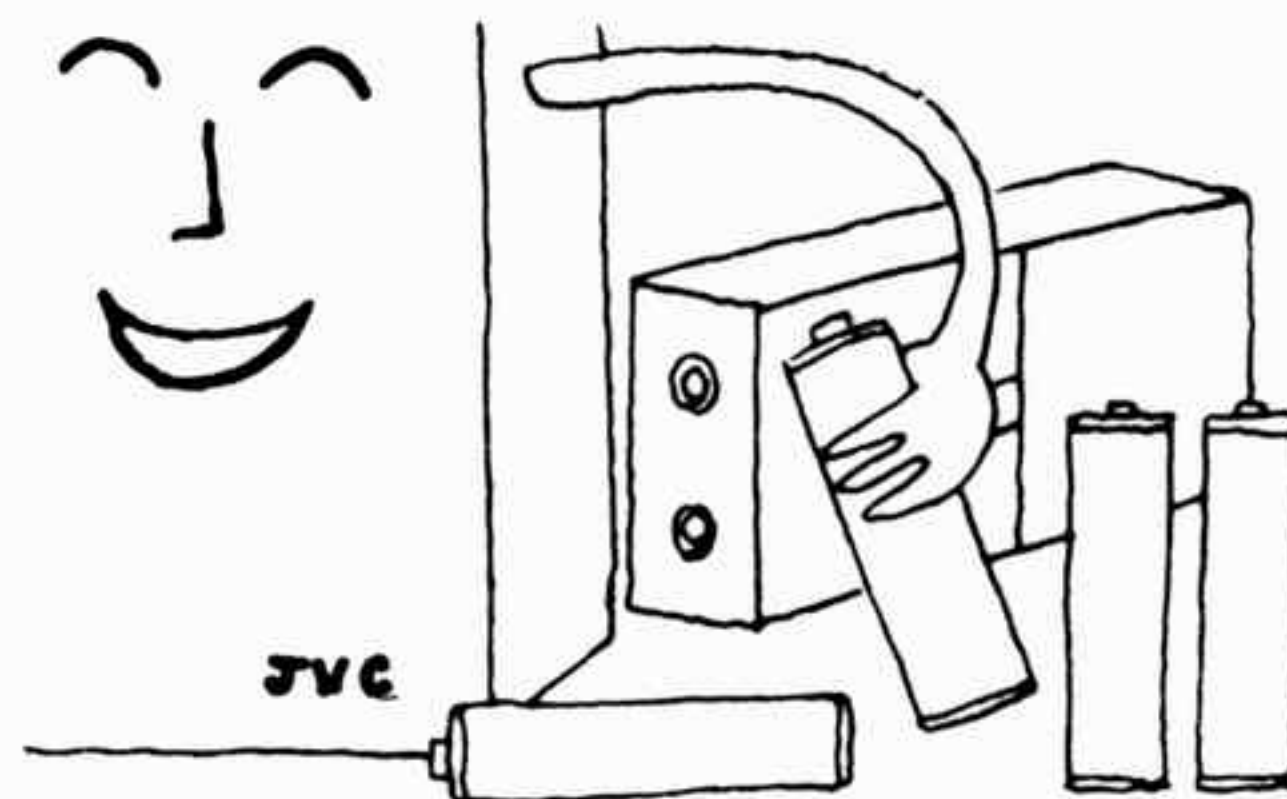
Clean the set, especially the face of the picture tube with a soft cloth soaked in soapy water to remove dirt. Do not use any other method of cleaning.



Do not bump or jolt the set, especially the picture tube.

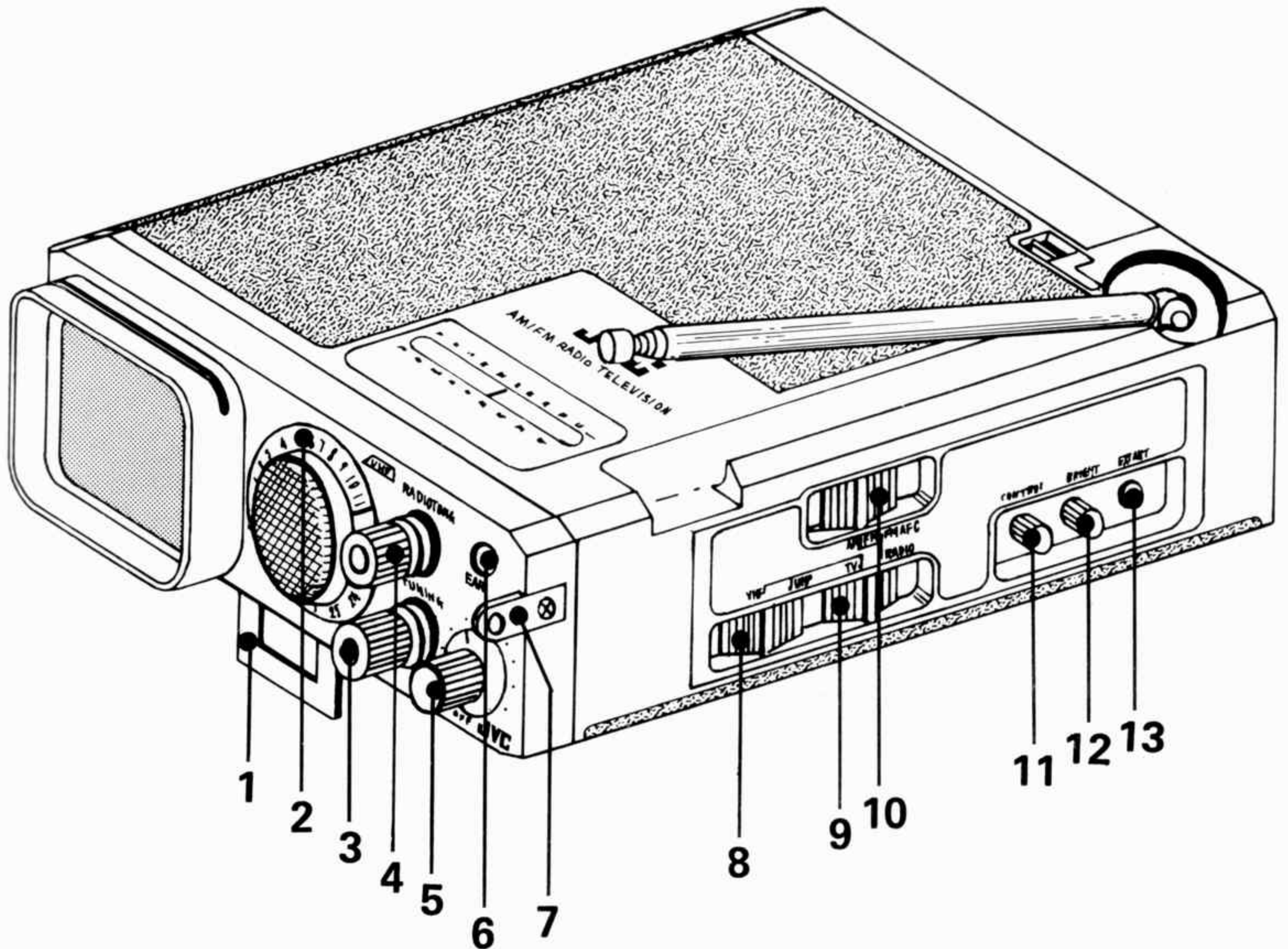


Do not leave the set in direct sunlight, especially in a closed parked car. Do not keep near the radiator or other excessively warm place.



Remove the batteries from the set to protect from possible battery leakage when the set is not operated for a long period of time.

NAMES OF PARTS AND THEIR FUNCTIONS



1. STAND

Collapsible

2. TV CHANNEL INDICATOR

2-12 are VHF

21-69 are UHF

3. TV FINE TUNING

TV tuning control

4. RADIO TUNING

5. POWER ON-OFF/VOLUME

6. EARPHONE JACK

7. METAL FITTING

For attaching the belt of the carrying bag supplied

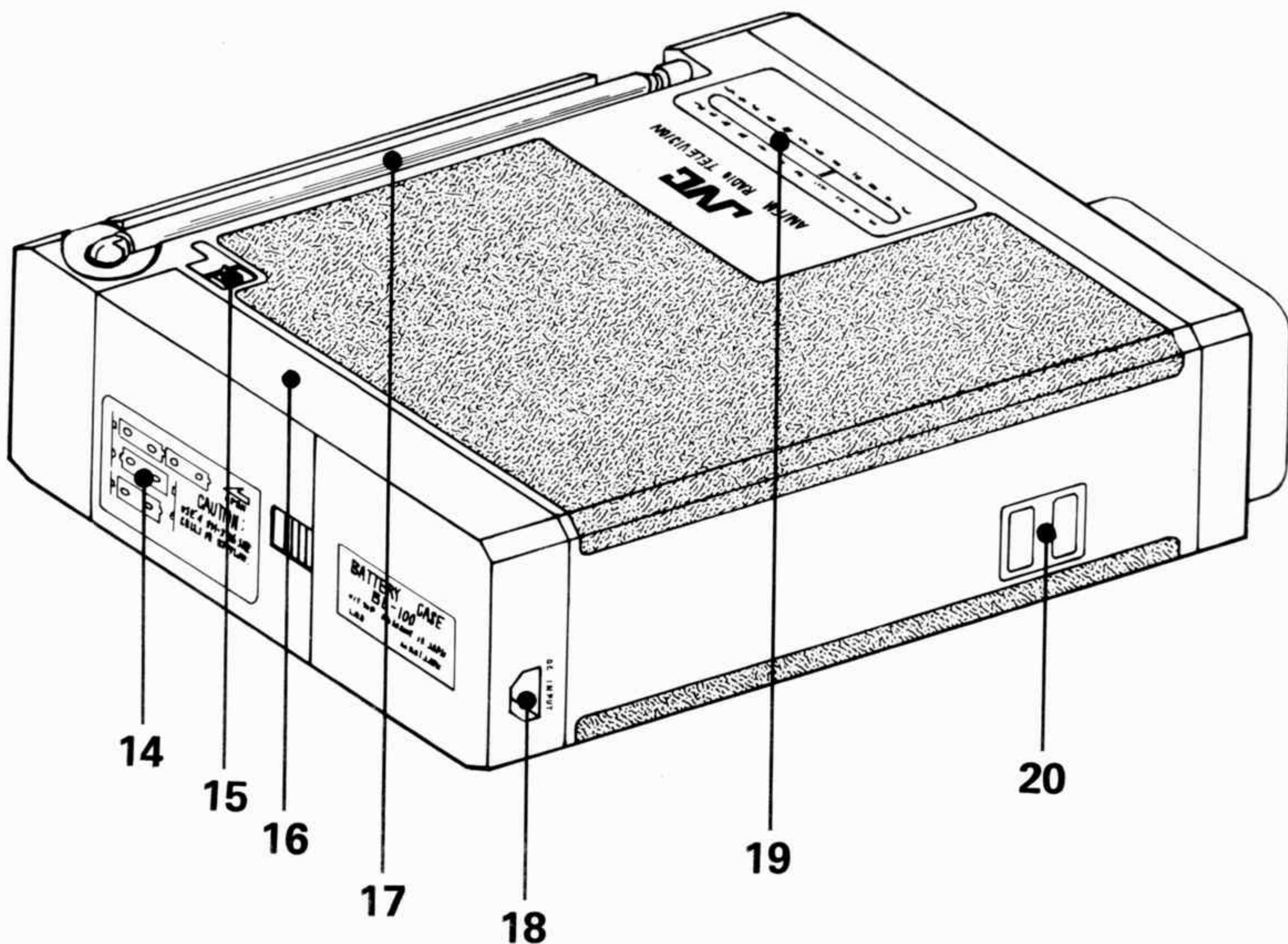
8. VHF-UHF

Selector

9. TV-RADIO

Selector

Selector

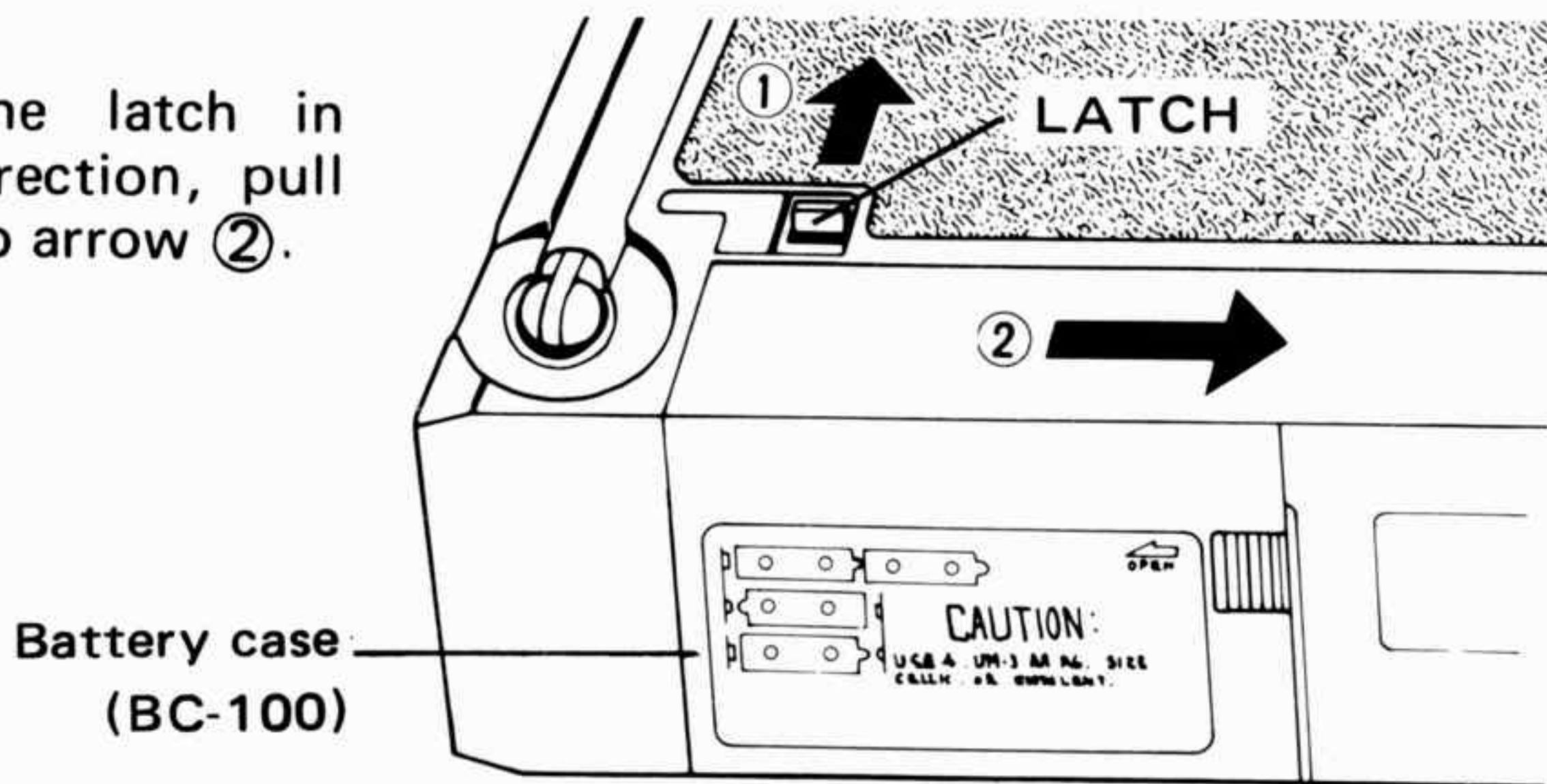


- | | |
|--|---|
| <p>10. AM-FM-FM AFC
Radio band selector</p> <p>11. CONTRAST
Contrast control</p> <p>12. BRIGHT
Brightness control</p> <p>13. EXT ANT
External antenna jack (75Ω)</p> <p>14. COVER OF BATTERY CASE</p> | <p>15. LATCH
For battery case</p> <p>16. BATTERY COMPARTMENT.</p> <p>17. ROD ANTENNA</p> <p>18. DC INPUT
External DC input jack</p> <p>19. RADIO TUNING DIAL</p> <p>20. METAL FITTING
For attaching the belt of the carrying bag supplied</p> |
|--|---|

BEFORE USING THE SET

How to remove the battery case

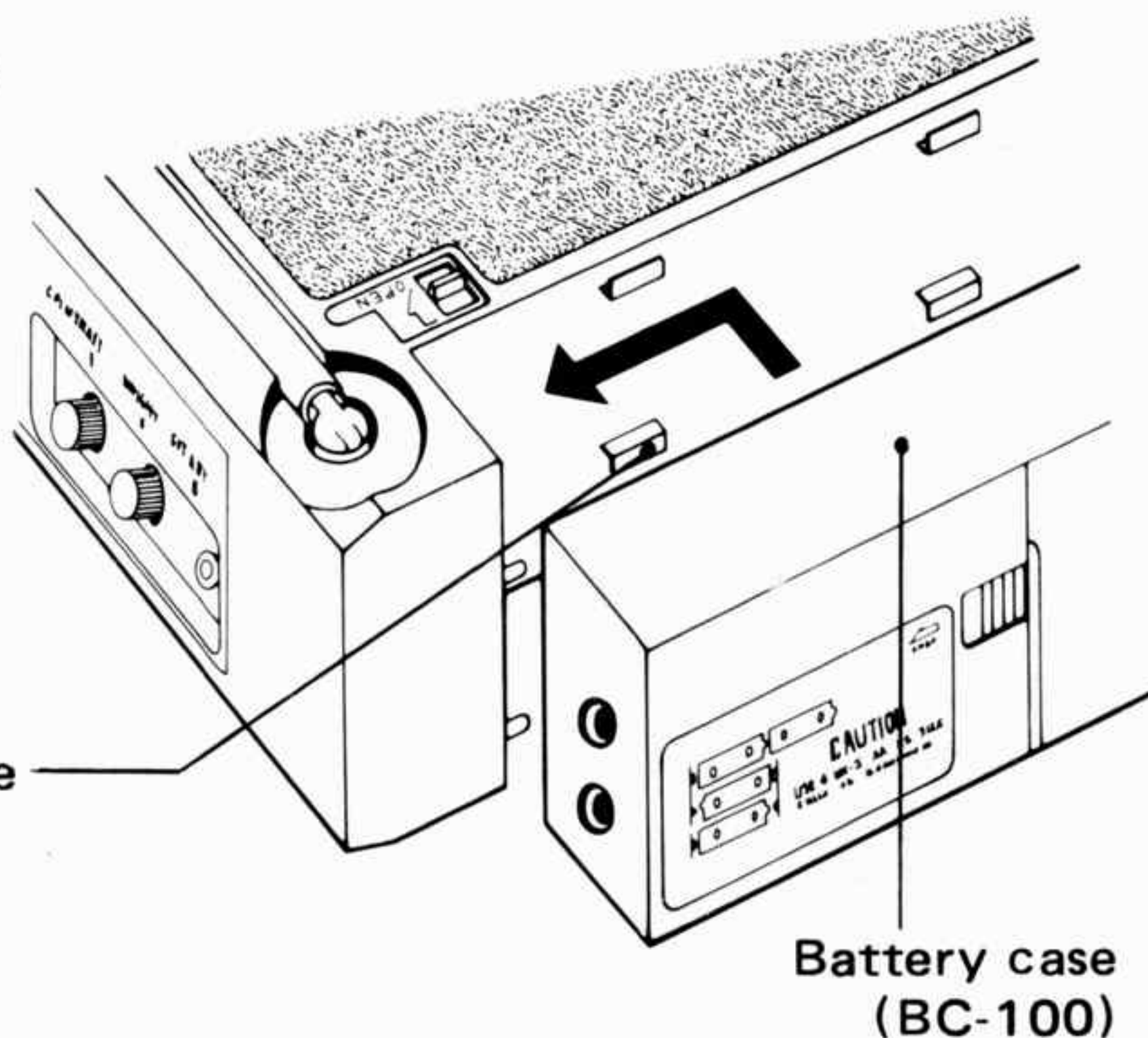
While pulling the latch in the arrow ① direction, pull the battery case to arrow ②.



How to attach the battery case

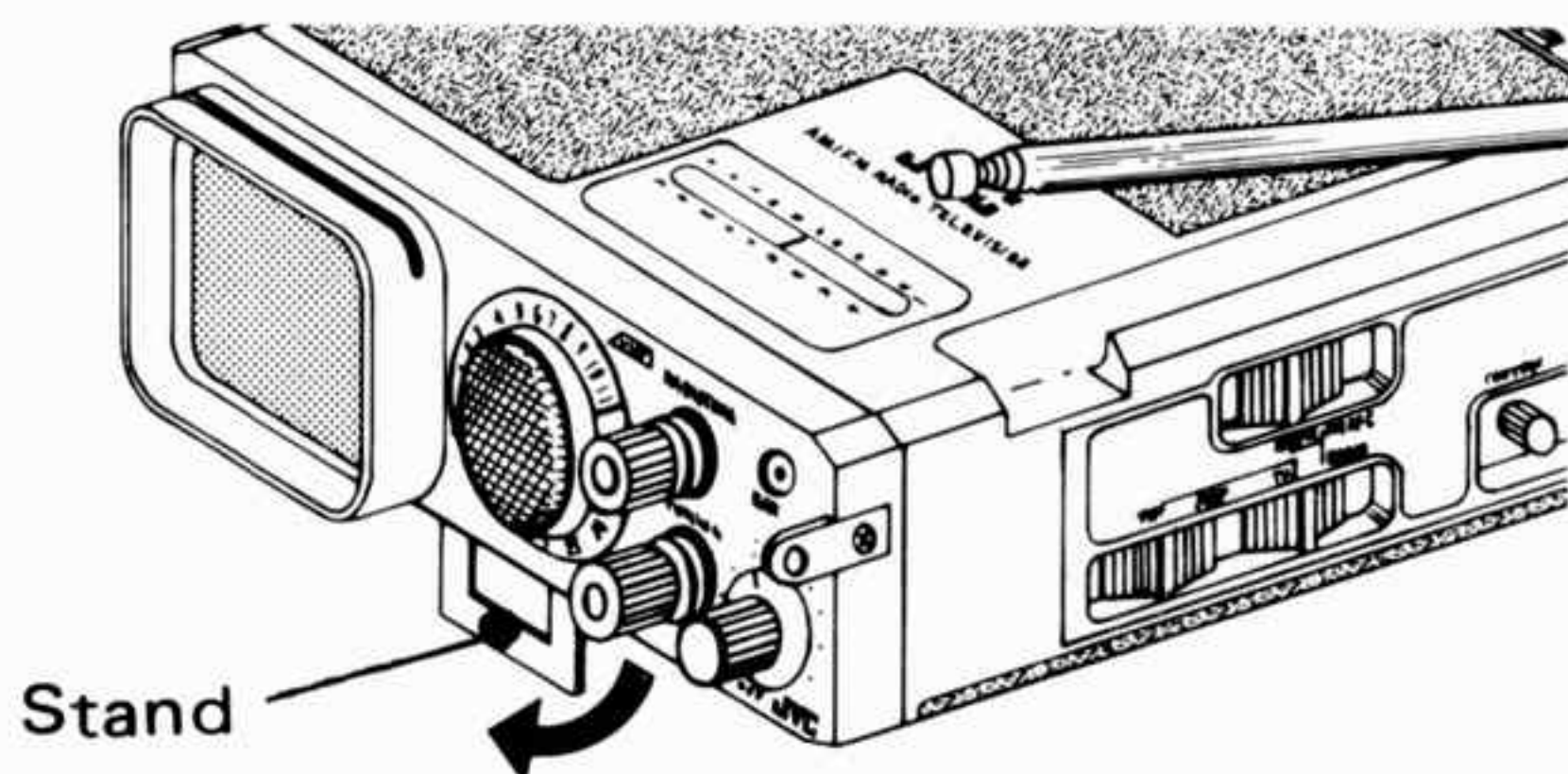
After inserting the four tabs of the set into the openings of the battery case, push the battery case in the arrow's direction.

4 tabs for attaching the battery case

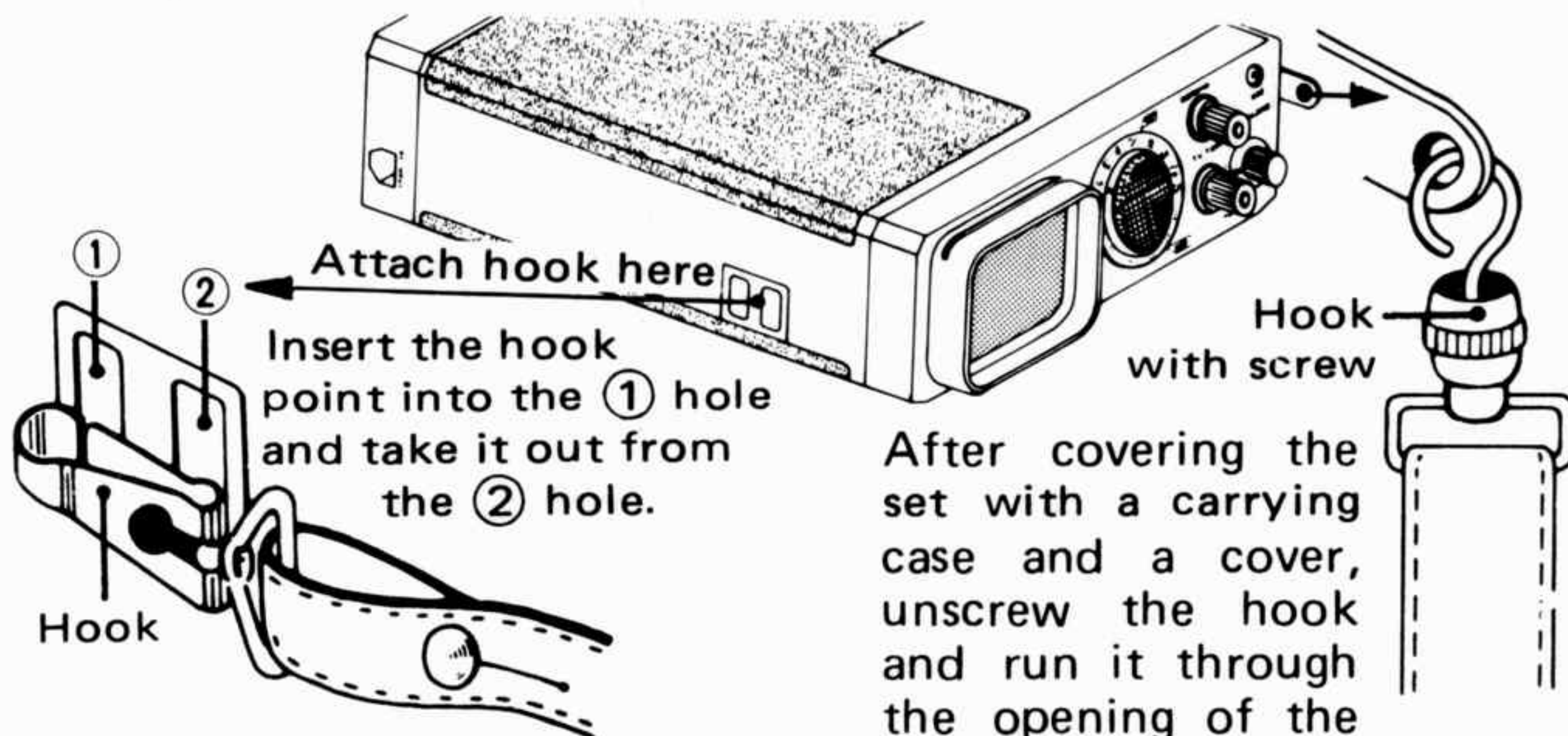


How to use the STAND

The stand is collapsible. Take the stand out to position as indicated to raise the set to a more convenient viewing angle.

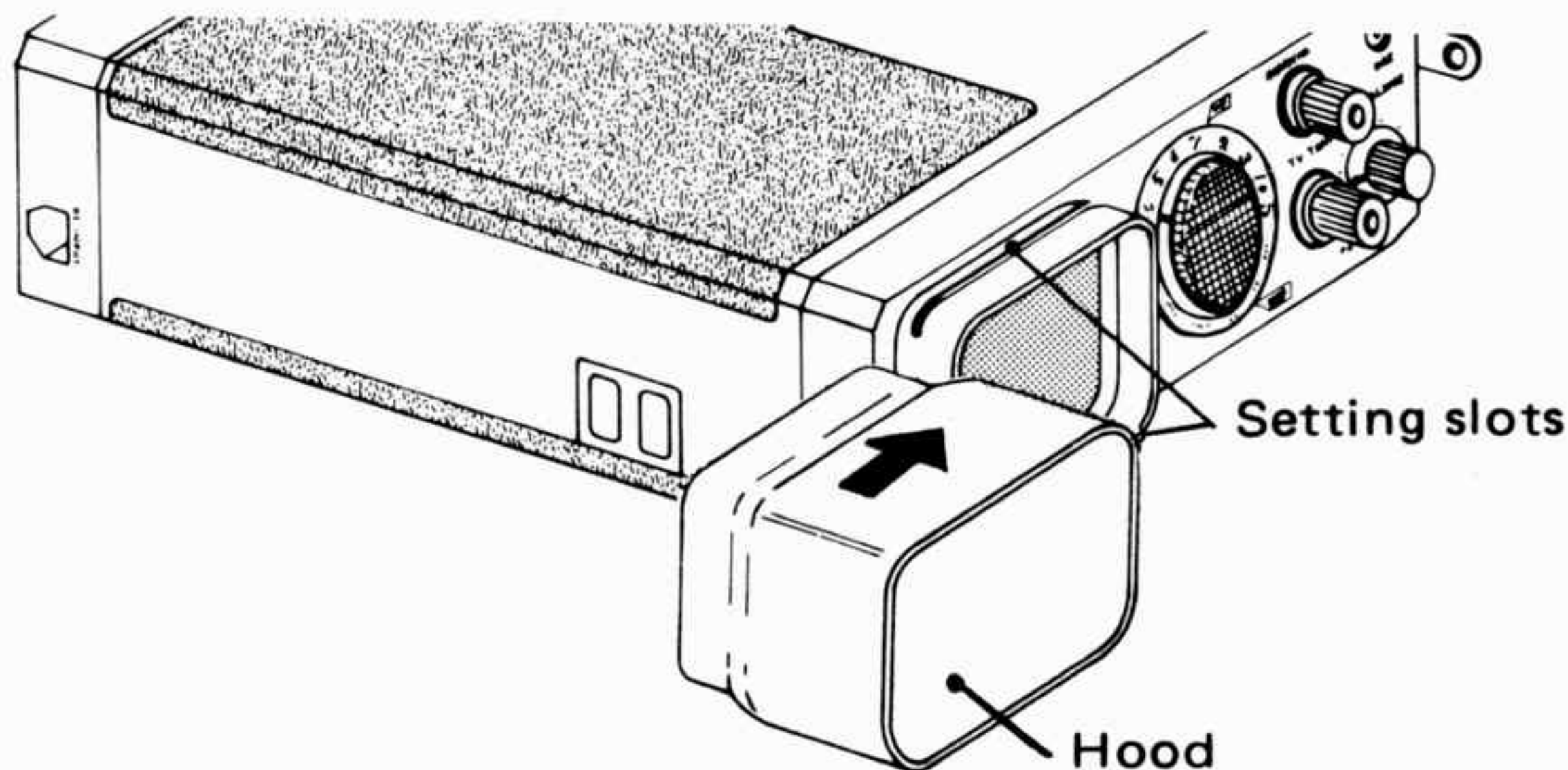


How to hang the shoulder belt



After covering the set with a carrying case and a cover, unscrew the hook and run it through the opening of the metal fitting and also screw it.

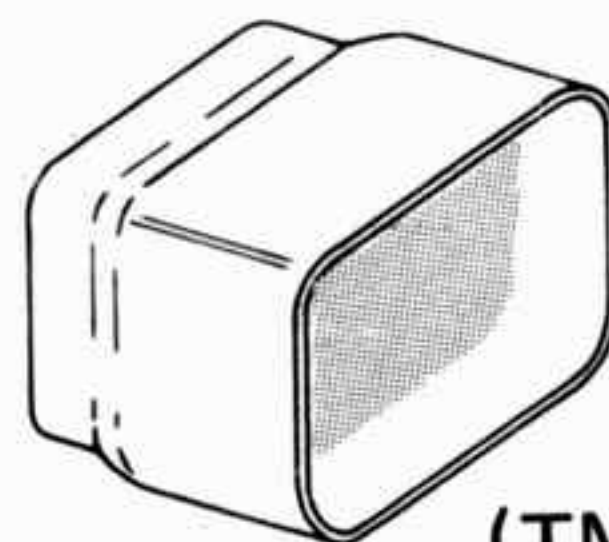
How to affix the hood



To assist viewing when ambient light condition are high, insert the hood supplied between the slots on the upper and lower sides of the TV screen from the arrow direction. Do not insert the hood in from full face of the screen or opposite direction of the arrow.

Viewing the magnifying screen

Use an optional magnifying lens (Model TM-100) available from your JVC dealer. The magnifying size by this lens is 1.4 times.



(TM-100)

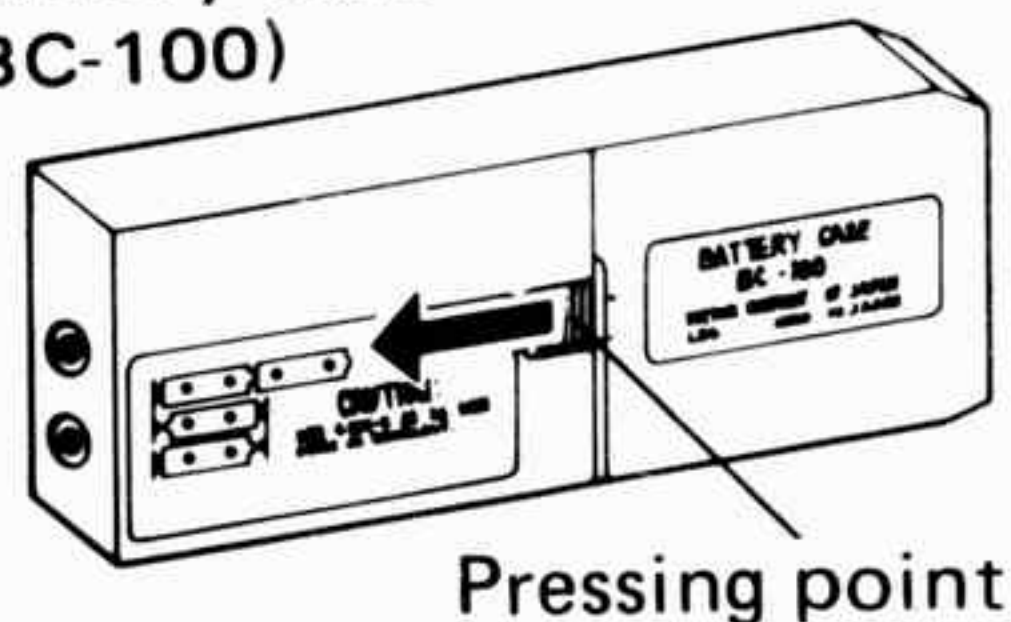
POWER SUPPLY

Using dry cell batteries

After remove the battery case from the set, press the cover in, then slide it in the direction of the arrow.

Insert four "R6"-size batteries in the battery case according to the \oplus \ominus polarity indications shown in the compartment, then replace the cover.

Battery case (BC-100)



Caution :

If the AC adaptor or the car battery is connected to the DC INPUT jack, the cell operation will be switched off automatically.

The battery life for continuous operation

Class Using	SUM-3	AM-3	Ni-Cd rechargeable battery pack (BP-100)
TV	approx. 1.5 hours	approx. 4 hours	approx. 2 hours

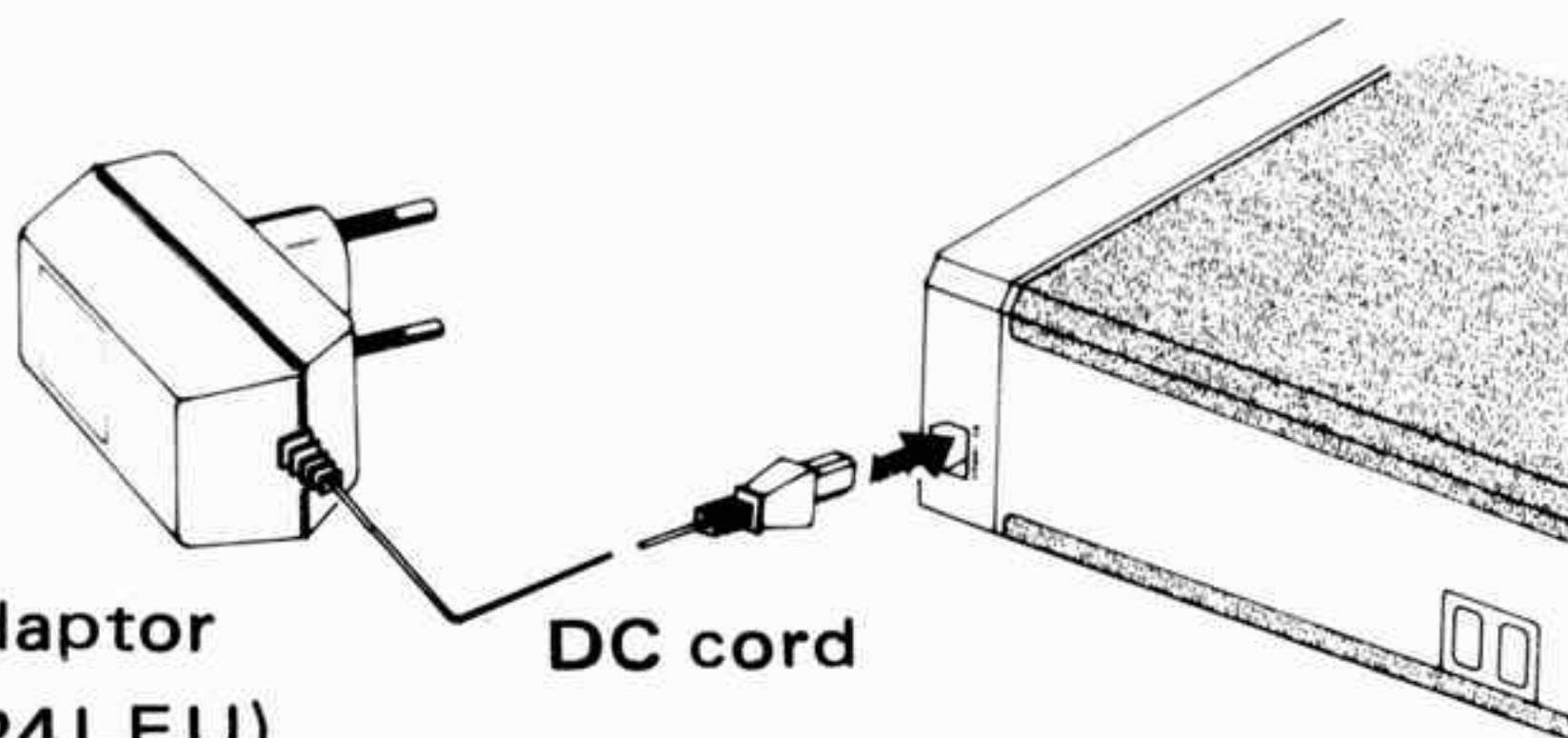
Using precautions for dry cell battery

- Do not take mixed using of exhausted and powerful battery or of different type.
- Do not charge unchargeable battery.
- Do not discard or leave the cell in fire or at a place with high temperature.
- Never short positive (+) pole of battery to negative (-) pole.

Using house current

After attaching the battery case to the set, connect the DC cord of AC adaptor (AA-24LEU) supplied to the DC INPUT jack of the battery case and the AC plug to house current outlet.

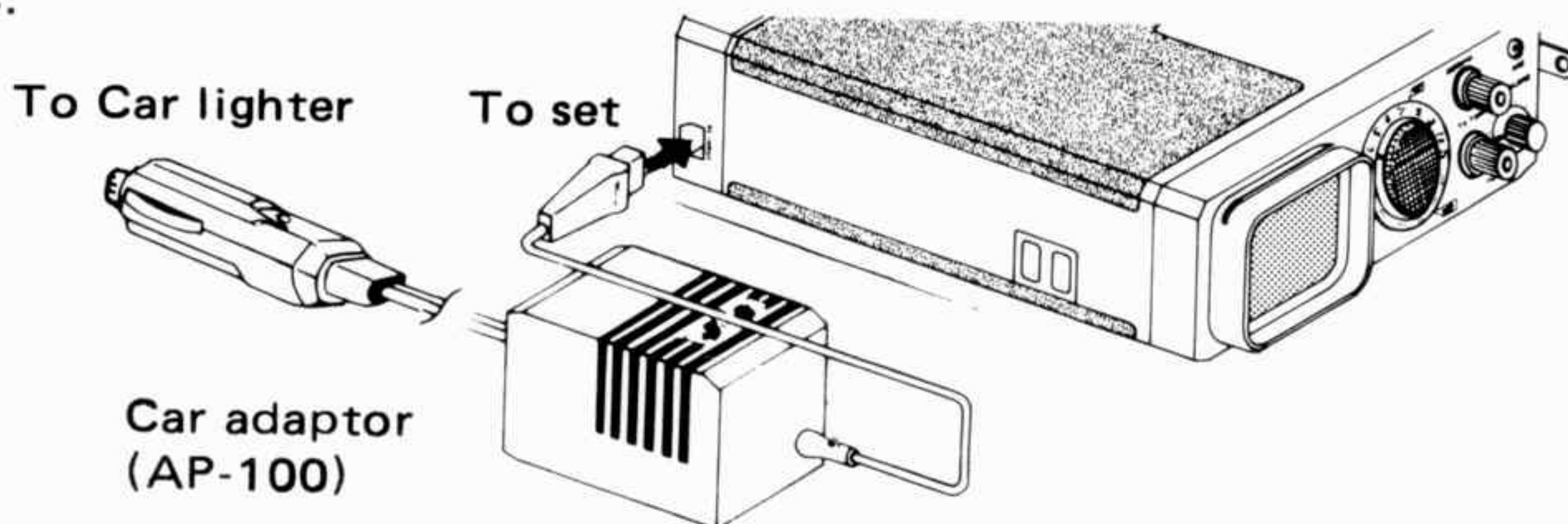
AC adaptor (AA-24LEU)



The rating of the AC adaptor (AA-24LEU) is indicated as AC 240V 50Hz, but this adaptor can be operated on from AC 220V to AC 240V

Using car battery Power 12V DC

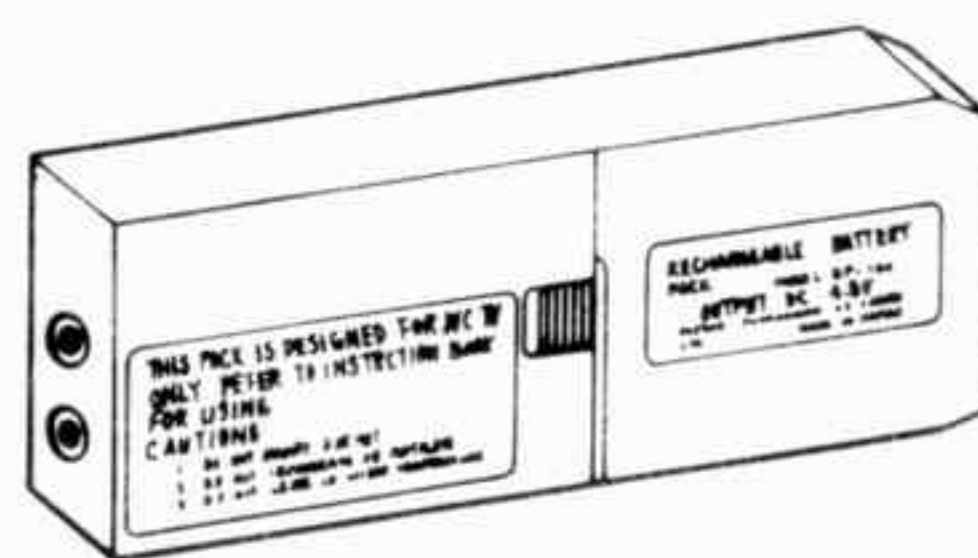
Using an optional car adaptor (AP-100) available from your JVC dealer. Refer to the instruction booklet of the car adaptor (AP-100) for details.



Using optional rechargeable battery pack (BP-100V)

Remove the battery case from the set and replace with this battery pack. Turn the set on and enjoy the TV or radio.

This battery pack may be recharged more than 300 times if it is used adequately.

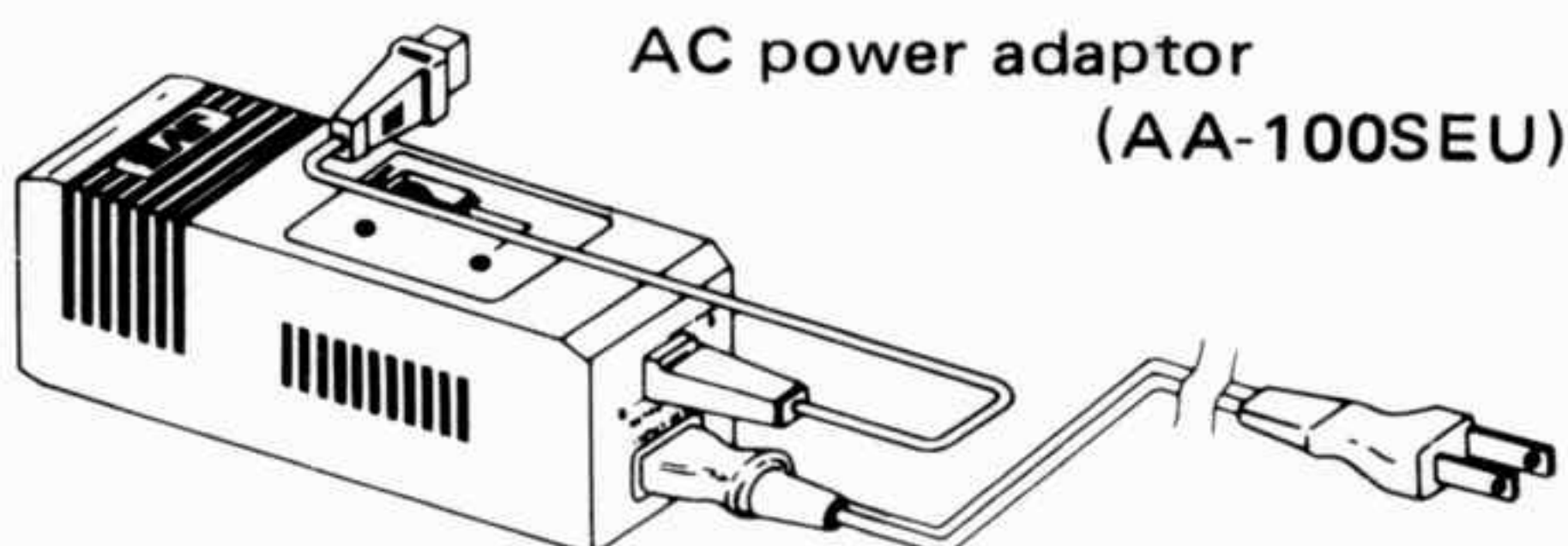


Rechargeable battery pack (BP-100V)

Using optional AC power adaptor (AA-100SEU)

Optional AC power adaptor (AA-100SEU) available from your JVC dealer is designed for operating the set on AC current or charging the rechargeable battery pack (BP-100V).

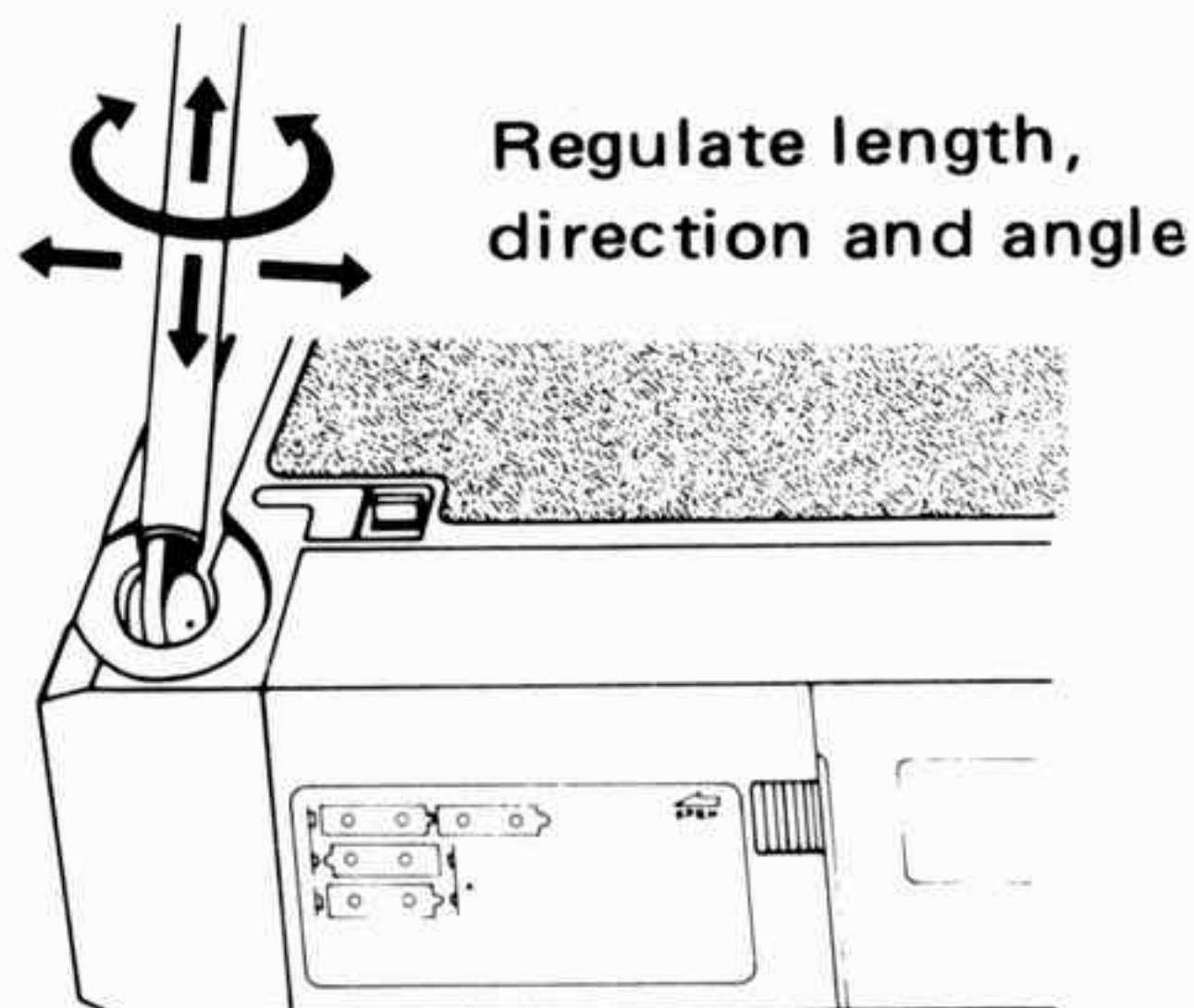
Refer to instruction booklet supplied with the AC power adaptor for charging details, etc.



ANTENNA

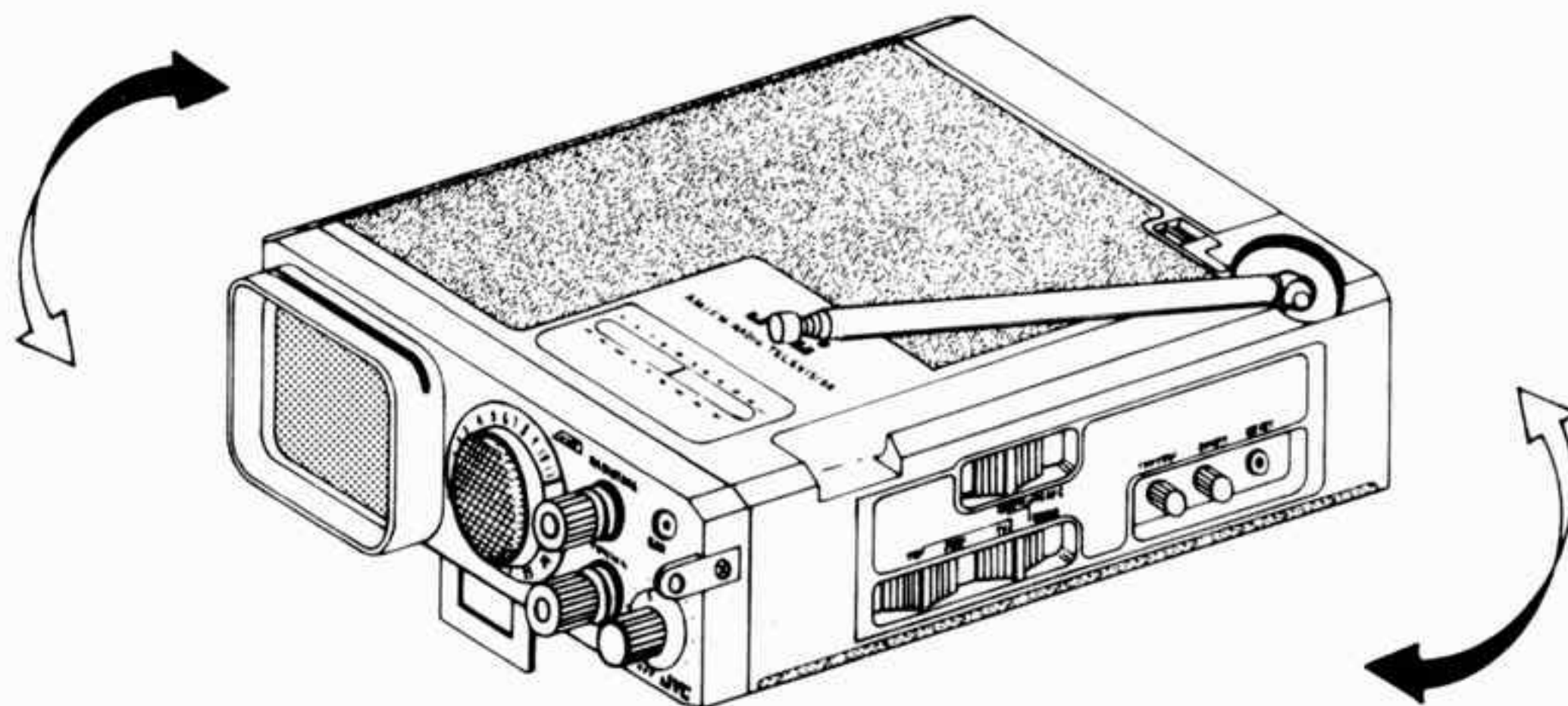
Using rod antenna

In normal strength signal areas, using the built-in rod antenna is recommended but it is not effective for AM radio reception.



... Reception of AM broadcasts

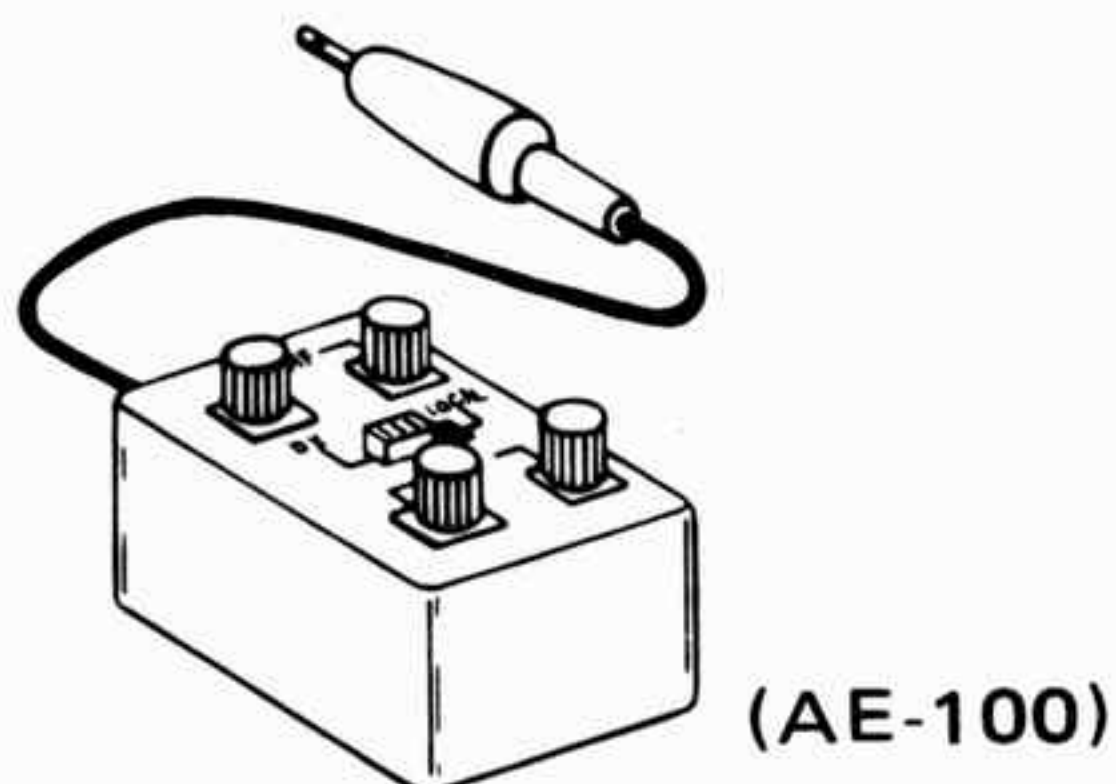
A built-in ferrite core antenna is provided for AM reception. Rotate the set, itself, slowly to find the position for best reception.



Reception in weak signal areas

In weak signal areas such as in a concrete building or a far way place from the station, it may be necessary to install an outdoor antenna for the best reception.

In this case, use an optional external antenna connector (Model AE-100) available from your JVC dealer.

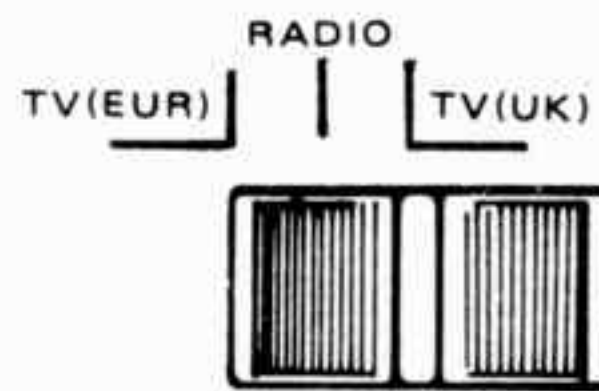


VIEWING THE TV OPERATE IN NUMERICAL ORDER BELOW

Provide the proper power source and antenna as previously described.

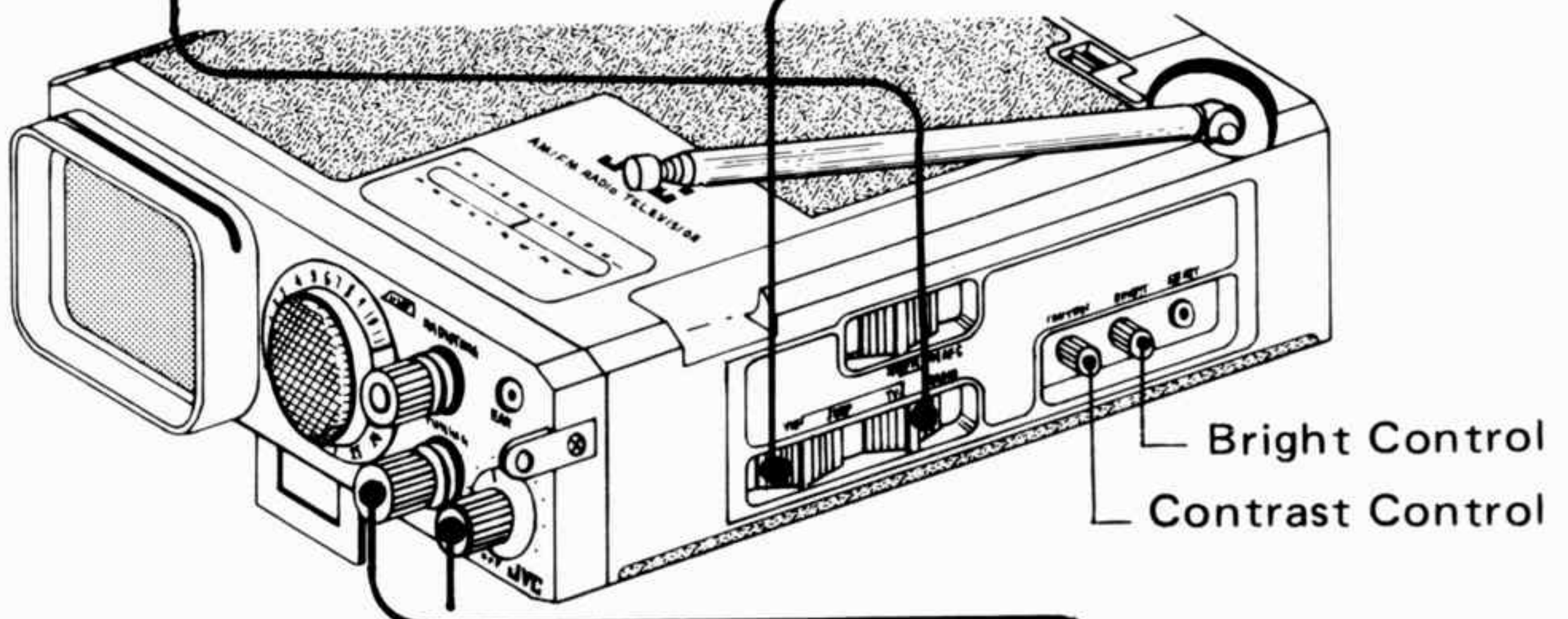
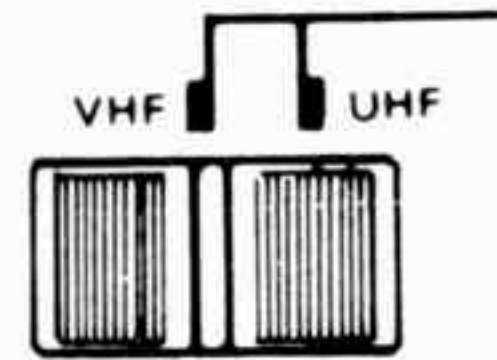
1

TV(EUR) :
Set to this when receiving TV
in Western European areas.
TV(UK) :
Set to this when
receiving TV in
U.K.



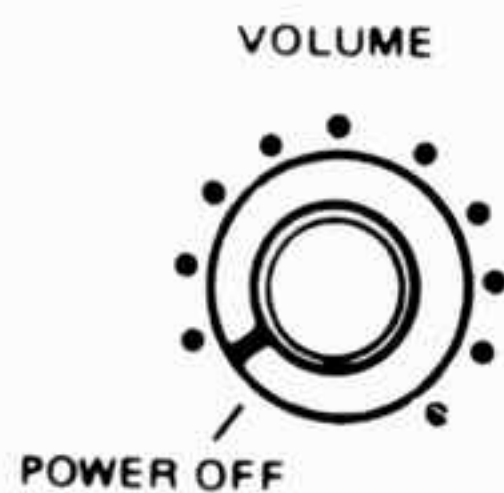
2

Select the desired band.
VHF position for channels
2 to 12
UHF position for channels
21 to 69.



3

Turn the set on and adjust to
obtain the desired loudness.



4

Rotate slowly to desired
station while watching the TV
channel indicator.



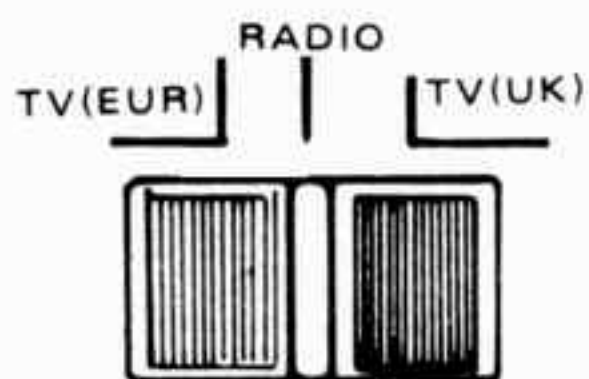
- Adjust the bright and contrast controls located on right side to obtain the best picture.

LISTENING TO THE RADIO OPERATE IN NUMERICAL ORDER BELOW

Provide the proper power source and antenna as previously described.

1

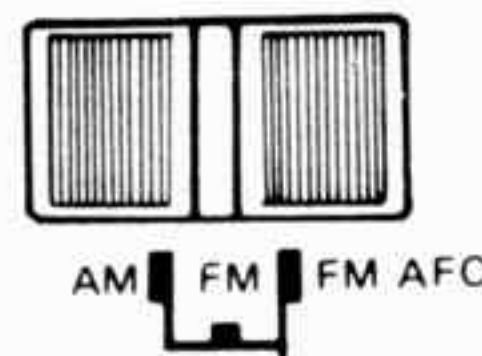
Set to the RADIO position.



2

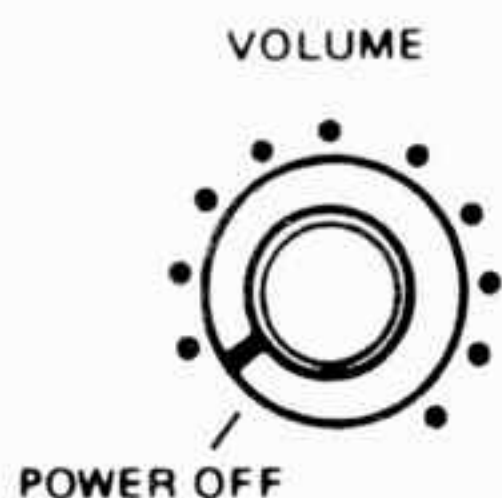
Select the desired band.

- AM position for AM reception.
- FM position for FM reception.



3

Turn the set on and adjust to obtain the desired loudness.



4

Rotate slowly to desired station while watching the radio tuning dial.

RADIO TUNING



In FM reception, set the radio band selector to FM-AFC position after tuning to desired station.

- Use the dynamic earphone supplied when privately listening to TV or radio.

SPECIFICATIONS & ACCESSORIES

TV standard	: CCIR TV standard system
SOUND IF	: 5.5/6.0MHz
Receiving channels	: CCIR VHF channels 2-12 & UHF 21-69
Radio frequency range	: FM: 88 – 108MHz AM: 540 – 1,600kHz
TV tuner	: Contactless electronic tuner
Picture tube	: 2.0 inch, picture measured diagonally, 40 degree deflection
Antenna	: Built-in rod antenna for TV and FM radio and, Built in ferrite antenna for AM radio
Speaker	: 3.8cm, round type (16 Ω) 1 pc
Audio output	: 150mW max. (130mW at 10% distortion)
Semi-conductors	: 3 ICs, 43 transistors, 49 diodes
Power input	: Size-R6 batteries 4 pcs, AC 240V 50Hz with AC adaptor (AA-24LEU) supplied, DC 12V car battery with Optional car adaptor (AP-100) or optional rechargeable battery pack (BP-100V)
Power consumption	: 1.7W on DC (Receiving TV)
Dimensions	: 53m/m(H) x 148m/m(W) x 187m/m(D)
Weight	: 1.0kg (without batteries)

AC adaptor Model AA-24LEU

Power input	: AC 240V 50Hz
Power output	: DC 6V 300mA
Semi-conductor	: 1 transistor, 5 diodes
Dimension	: H-87m/m, W-75m/m, D-55m/m
Weight	: 430g

Accessories

	Q'ty
AC adaptor (AA-24LEU)	1
Dynamic earphone	1
Hood with case	1
Carrying bag with belt	1