

# TV-112

## Operating Instructions

The new TV, Model TV-112 plays anywhere.....  
because it operates on 3-way power source,  
on house current,  
on rechargeable battery  
or on auto/boat battery.

The front wholly covered  
with smoked filter  
and metal frame is unique  
and will fit every room decor.

With 1 IC, Pulse & Forward AGC  
and Single Pulse AFC  
ensure the clear and sharp picture.

Read this instructions  
to get the most out of your TV.

## OPERATION

### Telescopic Antenna (for VHF)

Set the Antenna Switch to [ROD ANT].  
Pull out the antenna and adjust the length, direction and angle.

### Loop Antenna (for UHF)

Connect the Loop Antenna to the UHF Antenna Terminals [UHF]. Swing it back and forth, sideways to get the clearest picture.

### PULL ON/VOL Control

To turn on the set, pull out this control.  
Turn it clockwise to increase sound volume.  
Push this control to turn off the set.  
○ Make sure that the Charging Switch at the rear is in the upper position.

### UHF Channel Selector [UHF]

After selecting the letter [U] on the VHF Channel Selector, tune in the desired channel by turning this selector precisely.

### Earphone Jack [Ⓜ]

For private listening, insert the earphone plug into this jack.

### Recording Jack [REC]

Connect this jack and the microphone jack of your tape recorder with suitable connecting cord, you can record TV sound on your tape recorder.

○ The sound volume of TV has no effect on the recording level.

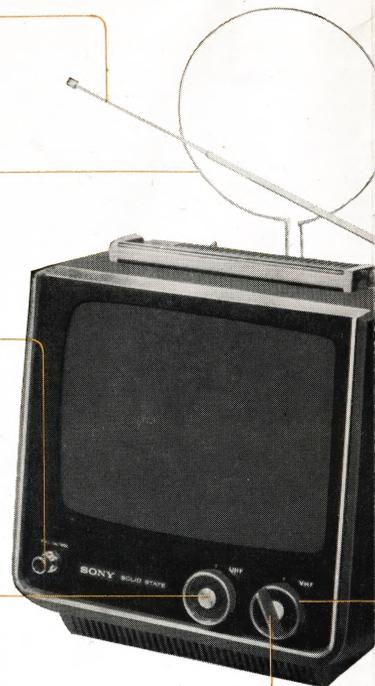
### VHF Channel Selector [VHF]

Turn this selector to select the channel.

### VHF Fine Tuning Knob

When the picture is blurred or does not appear, turn this knob until the picture is clear.

The fine tuning adjustment together with the Telescopic Antenna may lead to the finest picture.



## SPECIFICATIONS

System : American TV standard  
Channel coverage : VHF 2-13, UHF 14-83  
Antenna : Built-in telescopic antenna for VHF, Loop antenna for UHF  
External antenna terminals are equipped.  
Picture tube : 11" measured diagonally, 90-degree deflection  
Semiconductors : IC 1, transistors 24, diodes 16, thermistor 2  
Speaker : 3/4 x 4 3/4" impedance 16 ohms  
Audio output : 800mW  
Power requirement : AC 120V, 60Hz  
DC 12V

Power consumption : AC 29W (max.)  
DC 17W (max.)  
Dimensions : 11 1/4 x 12 3/4 x 11 1/4" (w/h/d)  
Weight : 15 lb 10 oz  
Supplied accessories : Earphone, Loop antenna, Polishing cloth  
Optional accessories : Battery pack BP-7/564  
Car battery cord DCC-2AW  
Car antenna VCA-1, 1H, 2  
External antenna connector EAC-10

Design and specifications subject to change without notice.

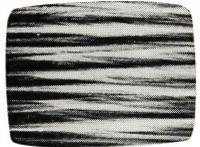
## PICTURE ADJUSTMENTS

If necessary, adjust these controls.

vertically rolling picture.....  
Adjust the Vertical Hold Control [VER].



slanting stripes or bars.....  
Adjust Horizontal Hold Control [HOR].



too strong or too weak contrast.....  
Adjust the Contrast Control [CONTR].

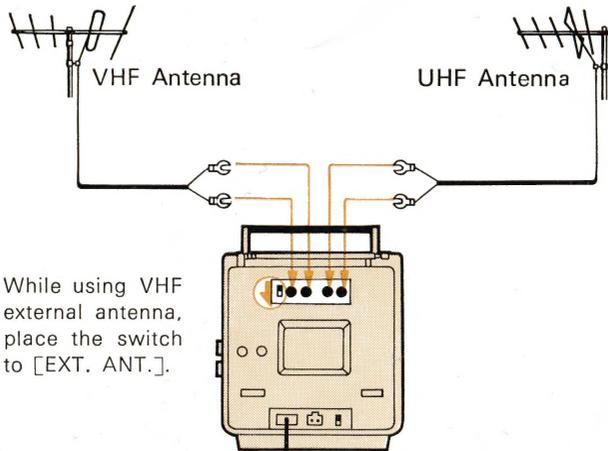


too bright or dark picture.....  
Adjust the Brightness Control [BRIGHT].



## FOR DIFFICULT RECEPTION AREAS

If satisfactory reception cannot be obtained with the supplied antenna, use the external antenna available on the market. Connect as illustrated.



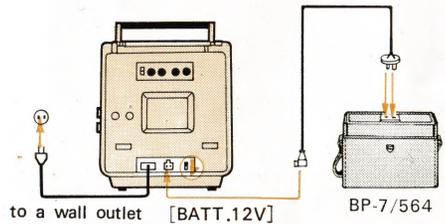
## BATTERY OPERATION INSTRUCTIONS

Outdoors or anyplace where a house current is not available, you can enjoy TV program with SONY Battery Pack BP-7/564 (optional). Connect the cord of the battery pack to the Battery Socket [BATT. 12V]. This battery pack permits continuous or intermittent 3 hours of TV viewing.

### For recharging

Complete the connection as illustrated. Place the Charging Switch [CHARGE] to the lower position and turn on the power. While recharging, neither picture nor sound will come out. Approximately 12 hours is required for complete recharging.

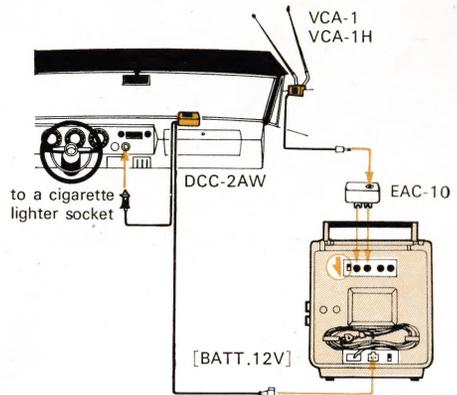
- After recharging, be sure to replace the Charging Switch to the upper position.
- Be sure not to overcharge the battery.



### To operate on auto/boat battery

Connect the SONY Car Battery Cord DCC-2AW (optional) as illustrated.

For details, refer to the instructions of DCC-2AW. It is recommended to use the SONY Car Antenna VCA-1 (for plain glass window), VCA-1H (for framed glass window) or VCA-2 (for roof-top of the car) with the External Antenna Connector EAC-10 for better reception.



## NOTES

- Keep your set away from extremely hot or humid places.
- Clean the cabinet with the supplied polishing cloth. Never use solvents like thinner or benzene for cleaning.
- When you do not use the set for more than six months, disconnect the AC power cord from a wall outlet.
- If you have any inquiry or problem, ask your nearest SONY dealer.