

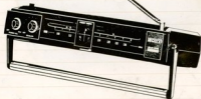
SONY

Gen. Vert.

Suyffs Zurich

TR-8460

INSTRUCTIONS FOR USE



Power Source

Battery Operation

Open the battery compartment cover by sliding it in the direction of the arrow [OPEN]. Put the gray ribbon on the bottom of the battery compartment, then insert 4 flashlight batteries into the compartment with the polarity as indicated inside the compartment.

Replace the compartment cover.

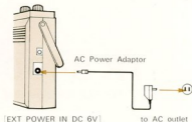
- When the sound becomes weak or distorted, replace all the batteries with new ones. To take out the batteries, pull the ribbon end.



House Current Operation

Connect the External Power Input Jack [EXT POWER IN DC 6V] of the set and house current outlet with AC Power Adaptor. The internal battery power supply is automatically disconnected.

- When the set is operated on house current for a long period of time, it is recommended that the batteries be taken out.



Telescopic Antenna

Pull out this antenna and adjust the length, angle and direction for best reception. In areas where strong FM broadcast stations are located, best reception may be obtained by shortening the telescopic antenna.

SQUELCH Control

This control eliminates noise and static heard between transmissions. Turn the control clockwise until background noise is reduced to a desirable level for your listening. When receiving a weak signal station, readjust the antenna, or set the control to [OFF]. In this case, be careful not to increase the sound volume because strong noise will occur when the station is not tuned in.

POWER/VOL Control

Turn this control clockwise, then power will come on with a click. Turn the knob further clockwise and adjust it for your desired sound volume.

Carrying Handle

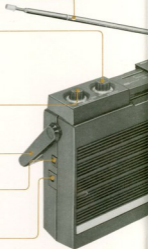
This handle may be adjusted to serve as a tilt-up stand for the radio.

Earphone Jack

Insert the supplied earphone into this jack for private listening. The built-in speaker will be automatically disconnected.

External Power Input Jack

Battery Compartment



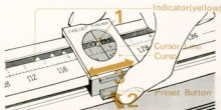


Recording Jack [REC OUT]

Through this jack, you can record the aviation communications on your tape recorder. Connect this jack and the microphone input jack of the tape recorder by using the suitable connecting cord recommended in the instruction manual of the tape recorder. The sound volume of the radio has no effect on the recording level.

Preset tuning

Set the Cursor Line to one of the indicators (1) and slide the Cursor with the Preset Button depressed (2); the indicator will follow the cursor (3). Tune in precisely until your desired station is heard. Then release the button, the indicator is locked in position. Do the same for the remaining indicators. There are four indicators so you can preset four stations. Thereafter, if you set the Cursor Line to the indicator with a slight click, the selected station will be heard instantly when transmission is being broadcast.





The new SONY Model TR-B460 is a specially designed air band portable radio which provides the best possible reception of aircraft frequencies from 109 MHz to 136 MHz.

The set operates on 2-way power source.....on 4 flash-light batteries or on house current by using the AC Power Adaptor.

For clear reception, a squelch control is provided to reduce static and noise heard between transmissions.

Once the desired station is precisely selected, a unique "Cursor Type" preset tuning control frees you from troublesome retuning.

The set can receive the following stations:

- Tower Control
 - Ground Control
 - Approach Control
 - Departure Control
 - Air Way Control
 - Ground Controlled Approach (GCA)
 - Instrument Landing System (voice on localizer channel)
 - VHF Omni-direction Range (VOR) (voice)
 - VOR and TACAN navigational facilities (VORTAC) (voice)
- For details of these navigation facilities, refer to the Airman's Information Manual published by the Federal Aviation Agency (FAA) or aeronautical charts, etc.

Notes

Keep the set away from extremely high temperature or excessive moisture.

Clean the cabinet with soft cloth. Never use strong solvents such as thinner or benzine.

If the set is not in use for a long time, take out the batteries to avoid battery leakage.

If you have any inquiry or problem on your set, consult your nearest SONY dealer.

Specifications

Circuitry :	Superheterodyne
Transistor :	10 for reception 1 for Automatic Gain Control
Frequency range :	AIR 108 MHz-136 MHz (2.78 m-2.20 m)
Antenna :	Telescopic antenna
Speaker :	3 $\frac{1}{4}$ " dia. Impedance 8 ohms
Power output :	670 mW (undistorted) 900 mW (maximum)

Current drain :	26 mA (at zero signal) 290 mA (at 900 mW output)
Power source :	6V, DC, 4 flashlight batteries size "D" 117V, AC, 50Hz/60Hz with using AC Power Adaptor
Dimensions :	10 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " x 2 $\frac{1}{4}$ " (w/h/d)
Weight :	2 lb 14 oz
Supplied accessories :	Earphone.
Accessory supplied with sets available in the United States :	4 batteries size "D" AC-601W AC Power Adaptor (for operation on 117V) AC-80E AC Power Adaptor (for operation on 220V-240V)
Optional accessory :	

Hz (Hertz) : Cycles per second
Design and specifications are subject to change without notice.