

SRF-X90 AM/FM Radio
(120-0673)

Features

Faxback Doc. # 19749

8 times monocular for watching sport, etc.

The AVLS (Automatic Volume Limiter System) selector to allow you to limit the maximum volume without degrading the sound quality

Water-resistant for all-weather operation

Requires only 1.54 V DC from one size AA (R6) battery

Installing the Battery

Install one size AA (R6) battery with correct polarity.

1. Open the lid of the battery case.
2. Install a battery with correct polarity.
3. Close the lid.

Notes on a Battery

When the sound becomes distorted or unstable, replace the battery with new one. For battery life, see "Specifications".

To avoid damage from battery leakage and corrosion

Remove the battery when you do not use the unit for a long time.

Playing the Radio

1. Set POWER to ON to turn on the radio.
2. Select FM or AM with BAND.
FM
DX: for FM reception, normally set it to DX position.

LOCAL: If a very strong signal causes noise, set it to LOCAL.

AM: for AM reception.
3. Tune in the desired station with TUNE.
4. Adjust VOL (volume).

To turn off the radio set POWER to OFF.

To improve the reception

FM: Extend the headphone cord fully. It functions as an FM antenna.

AM: A ferrite bar antenna is built into the radio for AM reception.
Rotate the radio horizontally for optimum reception.

- * When the AVLS selector is set either position 1 or 2, (around 95 dB, 85 dB respectively) the volume will be kept at a moderate level without degradation of the sound quality, even if you attempt to turn the volume up higher. When the AVLS selector is turned off, you will be able to enjoy the full volume capability of your radio.

Using the Monocular

If the image on the monocular is not clear, turn the eyecup so that the lens fits your eyesight and the focus is adjusted.

Adjust the focus by turning the eyecup in the direction of the arrows.

If You Wear Glasses

Bend back the eyecup outward to extend the range of vision.

NOTES: When you have used the unit in the radio or in low temperature (at night), wipe moisture off the unit with a dry cloth and dry it indoors. If moisture condenses on the lens, allow it to dry naturally by exposing to air.

When the lens becomes dirty, wipe gently with a soft dry cloth. If the dirt is excessive, use a commercially available lens cleaner.

Glass is used for the monocular. Avoid strong shock or dropping.

Never look at the sun through the monocular. It may damage your eyes.

Do not use for observation of the sun.

Do not use the eyecup for too long a period, as this may cause inflammation.

Attaching the Strap

By attach the supplied strap, you can use the unit hanging from your neck.

SRF-X90 AM/FM Radio
(120-0673)

Safety Precautions

Faxback Doc. # 19750

Avoid exposure to extremely high temperatures, direct sunlight, moisture, sand, dust, or mechanical shock.

Never leave the unit in a car parked in the sun.

In vehicle or in building, radio reception may be difficult or noisy. Try listening near a window.

If there is lightning when you are using this unit, take off the headphones immediately.

Do not give a shock and strong vibration.

Avoid using the unit for an extended period or time in a place subject to direct sunlight or ultra violet.

Clean the unit with a soft cloth. Never use abrasive cleansers or chemical solvents, as they may damage the unit.

NOTES ON HEADPHONES

Road safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situation.

Preventing hearing damage

Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

SRF-X90 AM/FM Radio
(120-0673)

Care and Maintenance

Faxback Doc. # 19751

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate of the people around you.

Do not Immerse in Water

This product is designed to be water-resistant, but should not be immersed in water or come in continuous contact with water.

Before installing the battery, be sure to wipe off drops of water on the unit.

The supplied headphones are not meant to be immersed in water or come in continuous contact with water. If they get wet, dry them with a soft cloth. Never use an electric hair dryer while wearing the headphones.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult the nearest Sony dealer.

SRF-X90 AM/FM Radio
(120-0673)

Specifications

Faxback Doc. # 19753

Frequency range:

FM:.....87.6 - 108 MHz

AM:.....530 - 1,605 KHz

Power output:.....3.6 mW + 3.6 mW (at 10% harmonic distortion)

Outputs:.....Headphones jack (stereo minijack) load impedance 16 ohms

Power requirement:.....1.5 V DC, one size AA (R6) battery

Monocular lens:

Magnification:.....8 times

Diameter:.....24 mm

Angle of sight:.....6.25 degrees

Battery life:

For FM reception:.....Approx. 35 hours with Sony SUM-3(NS) battery

For AM reception:.....Approx. 42 hours with Sony SUM-3(NS) battery

Dimension:..... Approx. 104 x 41 x 127 mm (w/h/d)

(4 1/8 x 1 5/8 x 5 inches) incl.

projecting parts and controls

Mass:.....Approx. 200 g (7.1 oz) incl. battery headphones

Supplied accessories:.....Stereo headphones (1, Vertical-in-the-ear type),
Strap (1)

Design and specifications are subject to change without notice.

(LB/all-03/01/96)

LN-03/04