

TV/WEATHER/FM Stereo/AM PLL Synthesized Radio

Operating Instructions



TV/WEATHER/FM/AM WALKMAN

SRF-M80V

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WARNING

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This device complies with the Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Trade Name: SONY
Model name: SRF-M80V
 Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

If you have any questions about the product, you may call: Sony Direct Response Center 1-(800)-222-7669 or write to: Sony Direct Response Center 12451 Gateway Blvd. Fort Myers, FL 33913

Declaration of Conformity
Trade Name: SONY
Model: SRF-M80V
Responsible Party: Sony Electronics Inc.
Address: 680 Kinderkamack Road, Oradell, NJ 07649 USA
Telephone Number: 201-930-6972

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Before You Begin

Thank you for choosing the Sports Walkman radio! It will give you many hours of reliable service and listening pleasure. Before operating the radio, please read these instructions thoroughly and retain them for future reference.

Features

- TV/WEATHER/FM/AM 4 band PLL (phase locked loop) synthesized armband radio.
- Easy Preset Digital Tuning with 25 memory presets.
- 5 direct presets calls and 1 direct weather-band button.
- Stopwatch, split and pitch timer functions.
- Wearable round design for armband and belt-holder use.
- Water-resistant for all -weather use.
- MEGA BASS for dynamic bass sound.

Notes on AM Channel Step

The AM channel step differs depending on areas. See "Changing AM Channel Step".

Precautions

- Operate the unit only on 3 V DC with two size AAA (R03) batteries.
- Avoid exposure to temperature extremes, direct sunlight, moisture, sand, dust or mechanical shock. Never leave the unit in a car parked under the sun.
- Should anything fall into the unit, remove the batteries and have the unit checked by qualified personnel before operating it any further.
- To clean the casing, use a soft cloth dampened with a mild detergent solution.
- In vehicles or buildings, radio reception may be difficult or noisy. Try listening near a window.

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 headphones at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

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 volume or discontinue use.

Caring for others

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

Warning

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

Cautions on Water-resistance

This unit is designed so that it can be used with slight exposure to rain, snow and other forms of moisture, but there are several points on which caution should be observed.

- Do not allow it to come in contact with large amounts of water.
- Do not immerse it in water.
- If water should get on it or if it should fall into water, take it out immediately and wipe it off with a dry cloth. **The interior of the battery compartment has no water-resistance. The battery may corrode**, so wipe out the interior of the battery compartment as follows.
 - Open or close the battery compartment with dry hands in a place without exposure to any water.
 - Wipe off the battery and the inside of the battery compartment. Give special attention to the contacts so that no water remains on them.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Troubleshooting Guide

Should any problem persist after you have made the following checks, consult your nearest Sony dealer.

All buttons do not operate at all.

- "o-n" is displayed. Slide down the HOLD lever so that "o-n" disappears.

Very weak or interrupted sound, or unsatisfactory reception

- Weak batteries
- In a vehicle or in a building, move closer to a window.

Display is dim, or no indication is displayed.

- Weak batteries.
- The unit is being used in extremely high or low temperatures or in a place with excessive moisture.

The station cannot be received when a PRESET TUNING (1 to 5) button is pressed.

- You chose the wrong preset number.
- The memory of the station has been initialized. Preset the station again.

The power cannot be turned on, and " " is flashing in the display.

- The batteries have been completely exhausted.

The preset stations may be initialized, if a maintenance service is performed.

Please note down your settings in case you want to preset them again.

Specifications

Time display

12-hour system

Frequency range

Band	Range	Channel step
TV	2 - 13 ch	1 channel
WEATHER	1 - 7 ch	1 channel
FM	87.5 - 108 MHz	0.1 MHz
AM	530 - 1 710 kHz	10 kHz

Output

(headphones) jack (ø 3.5 mm, stereo minijack) 16 Ω

Power output

15 mW + 15 mW (at 10 % harmonic distortion)

Power requirements

3 V DC, two size AAA (R03) batteries

Dimensions

Approx. 69.2 × 45 × 113.5 mm (w/h/d)
(2 3/4 × 1 13/16 × 4 1/2 inches) incl. projecting parts and controls

Mass

Approx. 104.2 g (3.68 oz.) incl. batteries

Accessories Supplied

Stereo headphones (vertical in the ear type) (1)

Arm band (1)

Design and specifications are subject to change without notice.

Installing the Batteries

(See Fig. A-⑥)

- 1 Open the battery compartment lid and install two size AAA (R03) batteries (not supplied) with correct polarity. When batteries are first installed, "AM 12:00" flashes in the display. Once the current time is set, the flashing stops.
- 2 Close the lid.

Battery Life (Approx. hours)	(JEITA*)			
When using	TV	WEATHER	FM	AM
Sony alkaline size AAA (LR03)	28	28	30	50
Sony size AAA (R03)	11	11	12	30

* Measured by JEITA (Japan Electronics and Information Technology Industries Association) standards. The actual battery life may vary depending on the circumstance of the unit.

When to replace the batteries

You can check the remaining battery power that appears in the display. The indicators are as follows:

Indicator	
	Full strength*
	Weakening*
	When the battery becomes exhausted, the unit will turn off. Replace with new batteries. When you press POWER after installing the new batteries, the indicator changes to "".

* Displayed only when the radio is turned on.

Note

Do not take more than 40 seconds to replace the batteries, otherwise, your clock, pitch timer and countdown timer settings and preset stations will be initialized. Should that happen, reset the functions again.

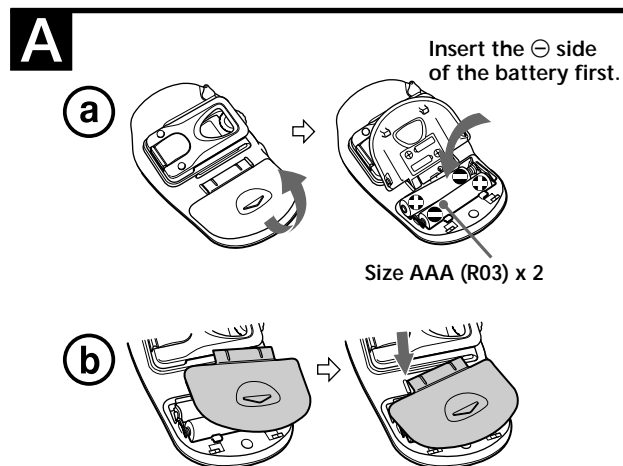
Notes on batteries

- Do not charge the dry batteries.
- Do not carry the dry batteries together with coins or other metallic objects. It can generate heat if the positive and negative terminals of the batteries are accidentally come into contact with metallic objects.
- When you are not going to use the unit for a long time, remove the batteries to avoid damage from battery leakage and corrosion.
- Do not use different types of batteries at the same time.
- When you replace the batteries, replace all with new ones.

To attach the battery compartment lid if it is accidentally detached (See Fig. A-⑥)

The battery compartment lid is designed to come off when opened with excessive force. To put it back on, see the illustration.

- 1 Insert one side of the lid as illustrated.
- 2 Push the other side to attach.



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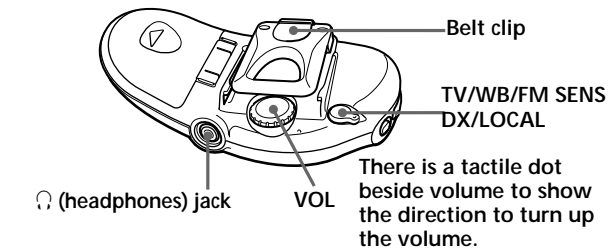
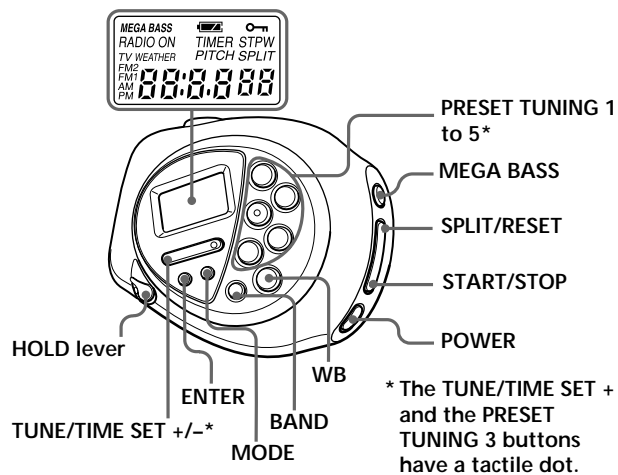
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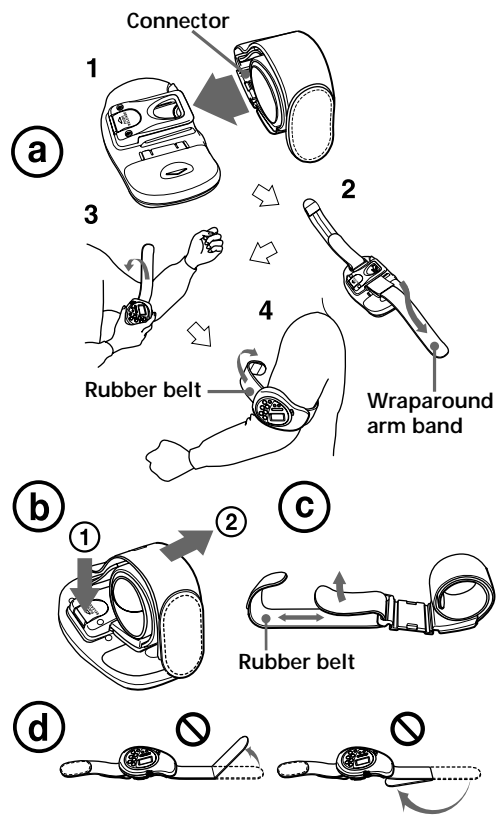
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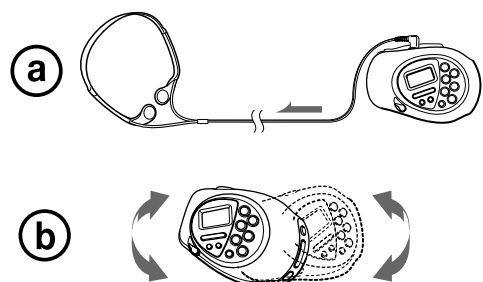
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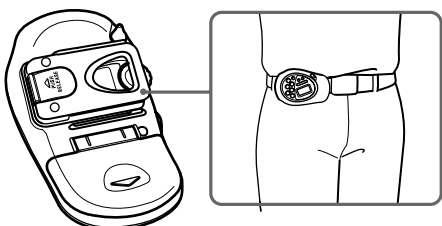
B



C



D



Using the Arm Band (See Fig. B-①)

- Slide the connector onto the unit until you hear a click.
- Unwind and straighten the wraparound arm band. To more easily straighten the band, slightly bend the tip of the band in the opposite direction.
- Hold the body of the unit and attach the straightened band to your arm. The band will wind by itself.
- Tighten the band with the rubber belt.

To remove the arm band from the unit (See Fig. B-②)

While holding down "PUSH RELEASE" (Ⓞ), slide the connector to remove the arm band (Ⓜ).

The arm band can be attached either on left or right arm by changing up side down. The unit can also be removed with the arm band attached on your arm, as instructed above.

To vary the length of the rubber belt to fit your arm (See Fig. B-③) Move the velcro fastener to the proper position.

If the rubber belt and wraparound band becomes dirty Remove the rubber belt from the unit and clean them.

Caution (See Fig. B-④)

- Avoid bending the wraparound band forcibly in the opposite direction. It may break.
- The straightened band will wind easily when you touch or wiggle it. Be sure to treat it carefully.

Preventing Accidental Change

— HOLD Function

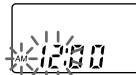
Slide up HOLD lever to the direction of the arrow. "o" appears in the display to indicate all buttons are locked.

To cancel HOLD, slide down HOLD lever to the opposite direction of the arrow. "o" disappears in the display.

Setting the Clock

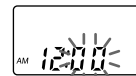
The display will flash "AM 12:00" when the batteries are first inserted.

- Press **MODE** repeatedly to select the clock mode when the clock mode is not on.
- Hold down **ENTER** for more than 2 seconds. The beep sounds and the hour flashes in the display.



- Press **TUNE/TIME SET +** or **-** until the correct hour appears in the display. Each press changes the digit(s) by one. When you keep the button pressed, the digit(s) change rapidly.
- Press **ENTER**.

The beep sounds and the minute starts to flash. Repeat step 3 to set the minute. After setting the minute, press **ENTER** again. The two beeps sound and the clock starts from 0 seconds.



12-hour system: "AM 12:00" = midnight
"PM 12:00" = noon

Changing AM Channel Step

The AM channel step differs depending on areas. The channel step of this unit is factory-set to 10 kHz. Change the settings as shown below to be able to listen to the radio.

Area	Channel step
North and South American countries	10kHz
Other countries	9kHz

Note

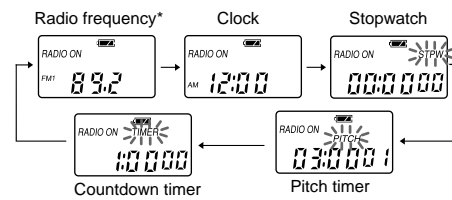
When the AM channel step is changed, the preset stations for AM will be initialized.

- Press **POWER** to turn off the power.
- Press **MODE** repeatedly to select the clock mode when the clock mode is not on.
- While holding down **TUNE/TIME SET +** or **-**, keep pressing **MODE** for more than 5 seconds. Two short beeps sound, and the AM channel step will be changed. "AM 9" (or "AM 10") is displayed for about 2 seconds. If you proceed to step 3 again, the channel step changes again.

Selecting the Mode

You can use this unit as a radio, clock, stopwatch, pitch timer or countdown timer. The functions of clock, stopwatch, pitch timer, countdown timer are available even if the power is off.

Press **MODE** to select a function mode. Each function mode can be selected as follows:

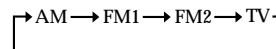


* Selected only when the power is on.

Playing the Radio

— Manual Tuning

- Connect the headphones to the (headphones) jack.
- Press **POWER** to turn on the radio. "RADIO ON" appears in the display.
- Press **BAND** to select the band. Each press changes the band as follows:



To change the band to WEATHER, press **WB**. You can return to the previous frequency by pressing **BAND**.

FM1 and FM2 are differentiated only for Preset tuning. For Manual tuning of FM stations, select either band.

Each band memorizes the frequency you had tuned previously.

- Press **TUNE/TIME SET +** or **-** to tune in to the desired station. Two short beeps sound when the minimum frequency of each band is received during tuning.
- Adjust the volume using **VOL**.

To turn off the radio, press **POWER**.

Improving the Reception

FM: Extend the headphones cord which functions as the FM antenna (See Fig. G-①).

AM: Rotate the unit horizontally for optimum reception. A ferrite bar antenna is built-in the unit (See Fig. G-②).

Set TV/WB/FM SENS to LOCAL if interference is prevalent and reception is too strong. Under normal conditions, set it to DX.



Enhancing Bass Sound

Press **MEGA BASS**.

"MEGA BASS" indication appears in the display when the MEGA BASS function is on. The MEGA BASS function intensifies the bass sound for richer quality audio reproduction.

Presetting Your Favorite Station

— Preset Tuning

You can preset up to 10 stations in FM (5 stations in FM1, 5 stations in FM2), and 5 stations in each AM, TV, WEATHER.

Presetting a station

- Follow steps 1 to 4 in "Playing the Radio" and manually tune in to the station you wish to preset.
- Press the **PRESET TUNING** button you wish to preset for more than a few seconds. You will hear two confirmation beeps and preset number appears in the display.

To preset another station, repeat these steps.

To change the preset station, tune in to the desired station and hold down the **PRESET TUNING 1** to 5 button. The new station will replace the previous station on the preset button.

Example: Display window when you preset FM 90.0 MHz in the **PRESET TUNING 2** button for FM2.



Tuning in a Preset Station

- Press **POWER**.
- Press **BAND** or **WB** to select the band.
- Press the desired **PRESET TUNING** button.
- Adjust the volume using **VOL**.

Note

Holding down the desired **PRESET TUNING** button for more than a few seconds will replace the previous station on the **PRESET TUNING** button with the station you tuned in to.

Using the Stopwatch

The stopwatch can time up to 99 hours 59 minutes and 59.99 seconds, in 1/100-second increments.

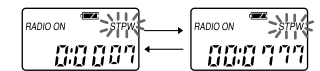
- Press **MODE** to select the stopwatch. "STPW" flashes in the display.
- Press **START/STOP** to start. The display shows the elapsed time.

3 Press **START/STOP** to stop.

To reset to zero, press **SPLIT/RESET** when the stopwatch is in the stop status.

The stopwatch comes with two display modes. To switch to the hour-minute-second display, press **ENTER**.

To switch to the minute-second-split second display, press **ENTER** again.



When the count time exceeds "59:59 99" during the minute-second-split second display, the display switches to the hour-minute-second display.

To switch to the other modes during counting, press **MODE**.

"STPW" stops flashing if changed to other mode while the stopwatch counts down.

To listen to the radio while the stopwatch is running, press **POWER**. The display will switch to the radio frequency for a few seconds.

Displaying the Split Time

To display the current split time, press **SPLIT/RESET** while the stopwatch is running. "SPLIT" flashes in the display. The stopwatch keeps counting during the display.

To return to the count display, press **SPLIT/RESET** again while the split time is being displayed.

Using the Pitch Timer

The pitch timer allows setting the timer with an identical length of time repeatedly. The functions of the radio, the stopwatch, and the countdown timer are available even while the pitch timer is being used.

- Press **MODE** to select the pitch timer. "PITCH" flashes in the display.
- Hold down **ENTER** for more than 2 seconds. The beep sounds and the countdown duration flashes in the display.
- Press **TUNE/TIME SET +** or **-** to set the desired countdown duration for the pitch timer. The countdown duration can be set from 1 second to 59 minutes 59 seconds, in 1-second increments.
- Press **ENTER**. The beep sounds and the number of times flashes in the display.



- Press **TUNE/TIME SET +** or **-** to set the desired number of times. The number of times can be set up to 99.
- Press **ENTER**. The two beeps sound and the number of times stops flashing.
- Press **START/STOP**. Countdown starts. After the preset countdown duration, the two beeps sound three times.

When the last pitch timer setting is finished, the display switches to the pitch timer display even in another display mode and a long beep sounds, and then returns to the previous display. To stop the long beep, press any button.

To pause the countdown on the pitch timer, press **START/STOP** while counting down. At this time, the countdown is reset by pressing **SPLIT/RESET**. The display will show the set-up countdown duration and number of times.

To switch to the other modes, press **MODE**. "PITCH" stops flashing if changed to other mode while the pitch timer counts down.

Using the Countdown Timer

You can use the built-in countdown timer to turn off the radio automatically after a preset duration.

- Press **MODE** to select the countdown timer. "TIMER" flashes in the display.
- Hold down **ENTER** for more than 2 seconds. The beep sounds, and the countdown duration starts flashing.
- Press **TUNE/TIME SET +** or **-** to set the desired countdown duration for the timer. The countdown duration can be set from 1 minute to 2 hours, in 1-minute increments.
- Press **ENTER**. The two beeps sound and the countdown duration stops flashing.
- Press **START/STOP**. Countdown starts. The radio is automatically turned on when the radio is off. After the preset countdown duration, the four beeps sound five times and the radio is turned off. To stop the beeps, press any button.

To turn off the radio before the preset time, press **POWER**.

To pause the countdown on the countdown timer, press **START/STOP** while counting down. At this time, the countdown is reset by pressing **SPLIT/RESET**. The display will show the set-up countdown duration.

To switch to the other modes, press **MODE**. "TIMER" stops flashing if changed to other mode while the countdown timer counts down.

Using the Belt Clip (See Fig. D)

Use the belt clip when attaching the unit to your belt.

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