

WALKMAN

Radio Cassette-Corder**WM-GX300/302****— Operating Instructions —**

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Printed in China

OWNER'S RECORD

The model number is located at the left side and the serial number is located inside the cassette holder. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____

Serial No. _____

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

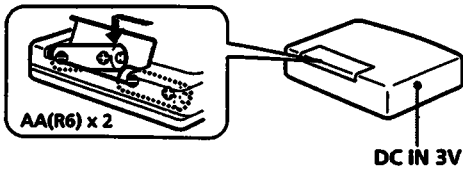
- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Getting Started

Using with Battery

Insert two AA (R6) batteries in correct polarity.

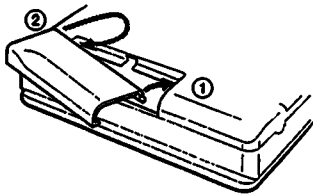


Notes on battery

- When you do not use your Walkman for a long time, remove the battery to avoid any damage caused by battery leakage and subsequent corrosion.
- When the battery becomes weak, the BATT indicator will dim and the sound will be distorted or unstable. In such a case, replace both batteries.
- Concerning the battery life, see "Specifications".

About the battery compartment lid

If the battery compartment lid is detached by an accidental drop, excessive force, etc., attach it as illustrated in the numbered order.



Using External Power Sources

You can connect the following external power sources through the DC IN 3 V jack located on the bottom. (When you plug a cord into the DC IN 3 V jack, the internal batteries are automatically bypassed.)

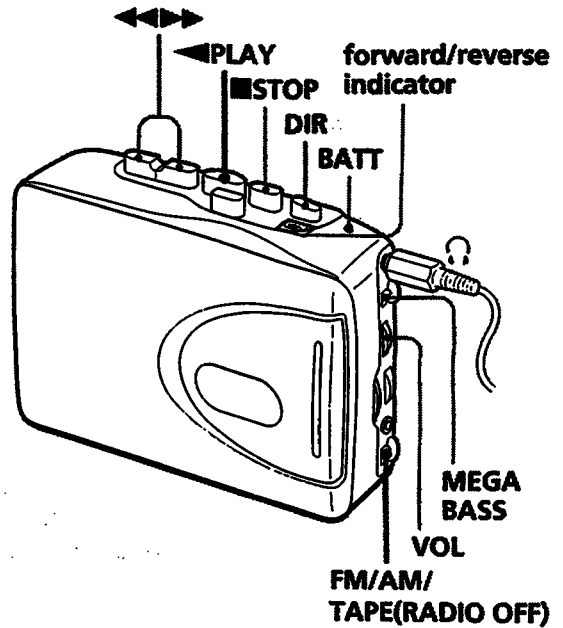
- House current using an AC-E30L AC power adaptor
- 12 V car battery using a DCC-E130L car battery cord

Note

Use only the recommended AC-E30L AC power adaptor (not supplied). Do not use any other AC power adaptor.



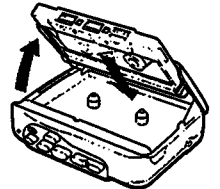
Playing Cassettes



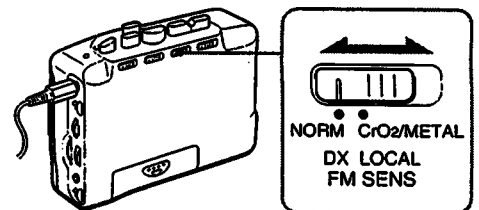
1 Set the FM/AM/TAPE selector to TAPE.



2 Insert a cassette.



3 Set the NORM/CrO₂/METAL switch to match the tape type.



4 Press ◀ PLAY.



Listening to the Radio

Operating the Cassette Player

To stop	Press ■ STOP.
To wind the tape	Press ◀◀ or ▶▶.
To change sides	Press DIR.
To adjust the volume	Set the VOL control.

Note on the tape transport direction

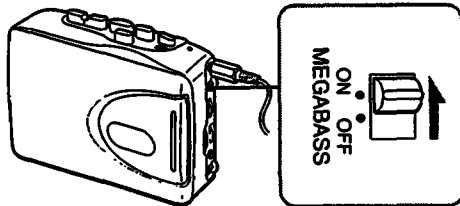
The tape transport direction changes automatically at the end of a side, and the tape plays both sides repeatedly. The forward/reverse indicator shows current side.

Notes on playing cassettes

- Do not use cassettes longer than 90 minutes except for long continuous playback.
- If your Walkman has not been used for a long time, run the Walkman for a few minutes before inserting a cassette.
- Do not wind the headphones cord around the Walkman. The buttons may be kept pressed, causing unnecessary battery usage.
- Do not open the cassette holder while the tape is running.

Using MEGA BASS

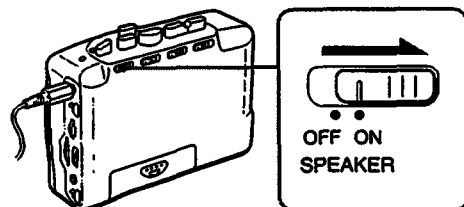
Set the MEGA BASS switch to ON to produce deep and powerful sound.



Listening from the Built-in Speaker (GX302 only)

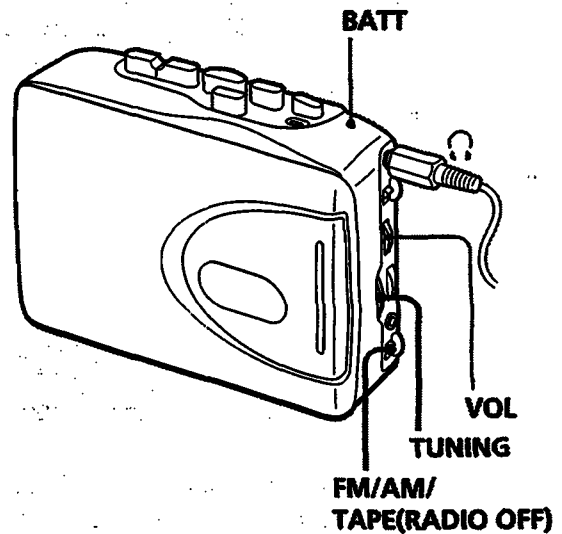
Set the SPEAKER switch to ON.

When using the built-in speaker, no sound comes through the headphones.

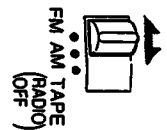


Note

When using the built-in speaker, MEGA BASS does not function.



- 1 Set the FM/AM/TAPE selector to FM or AM.



- 2 Tune in the desired station.



To tune off	Set the FM/AM/TAPE selector to TAPE (RADIO OFF).
To adjust the volume	Set the VOL control.

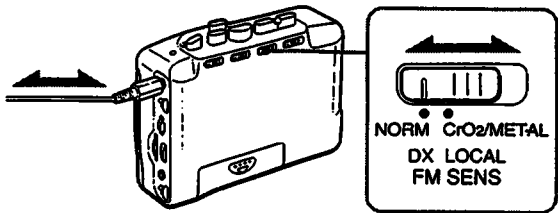
Note

If you have inserted a cassette with a metallic shell or label, and interference in radio reception occurs, remove the cassette.

Improving Radio Reception

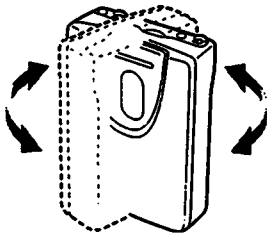
Improving FM reception

Extend the headphones cord or adjust the FM SENS switch.



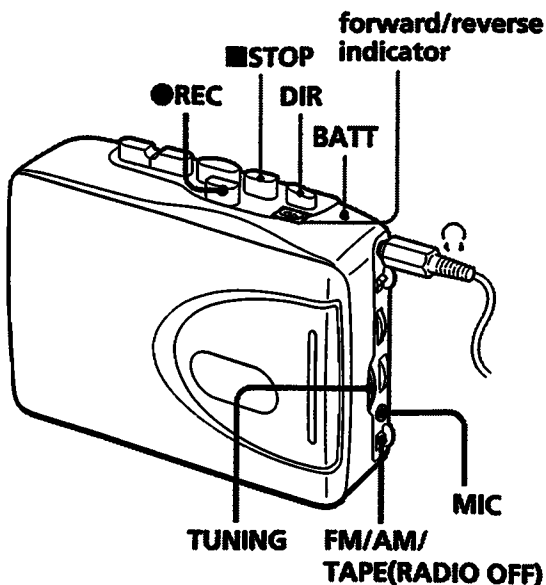
Improving AM reception

Rotate the Walkman.



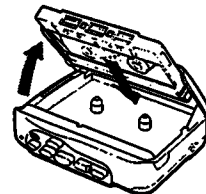
Recording

Use new batteries. And use only TYPE I (normal) tapes.



Recording with the Supplied Microphone

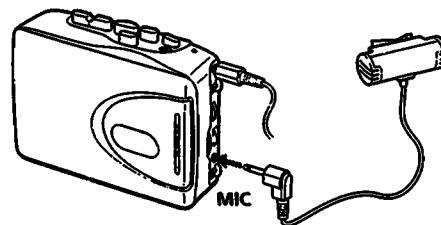
- 1** Insert a cassette with the side you want to record on facing up. Make sure the forward/reverse indicator shows ◁ (forward).



- 2** Set the FM/AM/TAPE selector to TAPE.

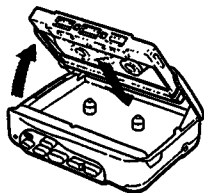


- 3** Connect the Microphone to MIC jack.

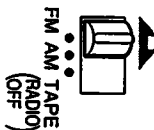


Recording from the Radio

- 1** Insert a cassette with the side you want to record on facing up. Make sure the forward/reverse indicator shows ◁ (forward).



- 2** Set the FM/AM/TAPE selector to FM or AM. When recording FM programs, make sure the headphones are plugged in as they serve as an antenna.



- 3** Tune in the desired station.



- 4** Press ● REC.



- 4** Direct the microphone toward the sound source and press ● REC.



To stop recording
Press ■ STOP.

Using the AVLS

AVLS (Automatic Volume Limiter System)

The AVLS selector allows you to limit the maximum volume of your Walkman personal stereo without degrading the sound quality.

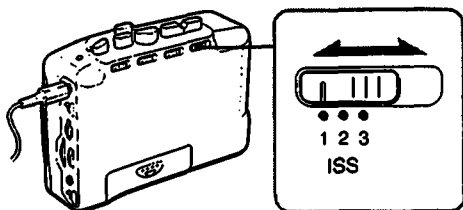
- When you set the AVLS selector to 1 or 2 (around 95 dB and 85 dB respectively), the maximum volume is kept down to protect your ears.
- When the AVLS selector is set to either position 1 or 2, the playback sound may be distorted or unstable according to the music (especially the bass boosted part). If this happens, turn down the volume.
- When the AVLS selector is turned off, you will be able to enjoy the full volume capability of your Walkman personal stereo.

The recording level is adjusted automatically

Adjusting the volume or setting MEGA BASS and AVLS will not affect the recording level. However, these controls will change the sound levels you hear.

To reduce noise while recording AM programs

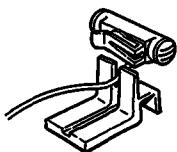
Set the ISS (Interference Suppress Switch) to the position that reduces noise the most.



To record on the other side of the cassette

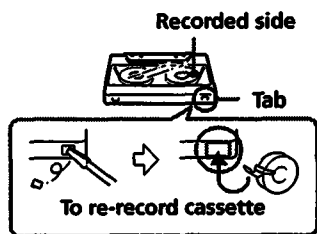
Make sure that the recording is stopped, then open the cassette holder and turn over the cassette. In this unit, recording functions on the forward side only.

Using the supplied microphone stand



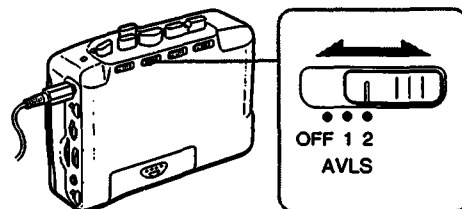
To prevent a tape from being accidentally recorded over

Break off the tabs from side A and/or B. To reuse the tape for recording, cover the tab hole with adhesive tape.



Notes on recording

- Do not use a CrO₂ (TYPE II) or metal (TYPE IV) tape, otherwise the sound may be distorted when you play back the tape, or the previous recording may not be erased completely.
- When recording with the microphone, do not place it near a lamp cord or a fluorescent lamp to avoid interference noise.
- If a howling effect occurs, turn down the volume.
- When recording with the microphone, the sound to be recorded cannot be heard through the built-in speaker (GX302).

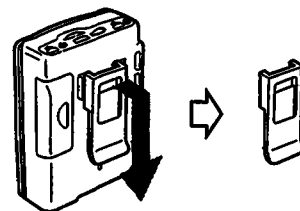


Using the Belt Clip

With the supplied belt clip, you can wear your Walkman on a belt for convenient use.

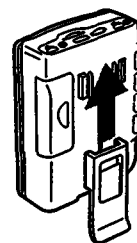
Removing the belt clip

Lift the tab slightly and push down with your finger to remove the belt clip from the Walkman.



Attaching the belt clip

Align the belt clip with the grooves on the back of the Walkman and slide the belt clip up until you hear a click, to firmly attach it to the Walkman.



Precautions

Notes on Headphones

Concerning 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 situations.

Preventing hearing damage

Do not use 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 the people around you.

Taking Care of Your Walkman

- Do not expose the Walkman to extreme temperatures, direct sunlight, moisture, sand, dust or mechanical shock. Never leave the Walkman in a car parked in the sun.
- Prolonged use may contaminate the tape head. If sound drop-out or excessive noise occurs, clean the head and tape path with alcohol.



Cleaning the head and tape path

- Clean the headphones plug periodically for optimum sound.
- Do not use alcohol, benzine or thinner to clean the case.

If you have any question or problem concerning your Walkman, please consult your nearest Sony dealer.

Specifications

Radio Frequency

FM: 87.6 - 108 MHz AM: 530 - 1,710 kHz

Power Requirements

3 V DC Batteries AA (R6) x 2

External DC 3V power sources

Battery Life

(approximate hours when using the batteries specified below)

	Sony alkaline AM3 (N)		Sony SUM-3 (NS)	
	GX300	GX302	GX300	GX302
Playback	8	6	4	3
Radio	30	30	15	15
Mic recording	5	5	2.5	2.5
Radio recording	4	4	2	2

Dimensions

119.8 x 93.7 x 38.9 mm (w/h/d) (4 3/4 x 3 3/4 x 1 5/16 in.)
incl. projecting parts

Mass GX300: 215 g (7.6 oz) incl. batteries

GX302: 225 g (8 oz) incl. batteries

Supplied Accessories

Stereo headphones (1), Stereo microphone (1)
microphone stand (1), Belt clip (1)

Optional Accessories

AC power adaptor AC-E30L

Car battery cord DCC-E130L

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information.

Design and specifications are subject to change without notice.

SONY

Tape Cassette Player/Recorder CD Player/Mini Disc
DAT/Radio Head Phone Speaker-MIC Personal

Portable Audio

LIMITED WARRANTY

SONY ELECTRONICS INC. ("SONY") warrants this Product (including any accessories) against defects in material or workmanship as follows:

1. **LABOR:** For a period of 90 days from the date of purchase, if the Product is determined to be defective, Sony will repair the Product at no charge, or pay the labor charges to any SONY authorized service facility. After the Warranty Period, you must pay for all labor charges.

2. **PARTS:** In addition, SONY will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of one (1) year. After 90 days from the date of purchase, labor for removal and installation is available from SONY authorized service facilities or a Sony Service Center at your expense.

To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized SONY service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For your convenience, SONY ELECTRONICS INC. has established telephone numbers for frequently asked questions:

To locate the service or dealer nearest you, call:

1-800-342-6721

For service assistance or resolution of a service problem, call:

SONY CUSTOMER RELATIONS CENTER
1-800-282-2848

For Product information or operation, call:

SONY CUSTOMER INFORMATION CENTER
(201) 368-9272
or write to:
Sony Customer Information Center
One Sony Drive
Park Ridge, New Jersey 07656-8003

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)