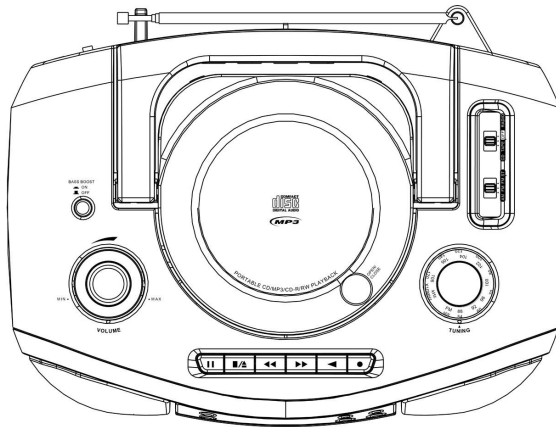


Goodmans

STEREO CD/RADIO/CASSETTE RECORDER GPS218MP3

Instruction Manual



For improvement purposes, specification and design are subject to change without notice.

IMPORTANT SAFEGUARDS

PRE FITTED MAINS PLUGS

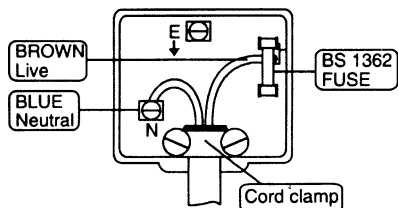
For your convenience a mains plug has been fitted to this appliance. For your safety please observe the following information.

1. Should the fuse in the plug fail remove the plug from the wall socket and replace the fuse with a 3 Amp ASTA fuse approved to BS 1362.
2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer or most electrical retail outlets.
3. If the cable of the mains plug is cut off the cable, rewire the replacement plug in accordance with instruction given in this manual.
4. **CAUTION:** Under no circumstances should the discarded plug be inserted mains socket. To prevent a shock hazard carefully dispose of the discarded plug. Do not leave the plug lying around where children might see it.

WARNING: To prevent fire or shock hazard do not expose this unit to rain or moisture.

CAUTION: DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.

PLUG WIRING DETAILS



The wires in this mains lead are coloured in accordance with the following wiring codes:

Blue.....Neutral

Brown.....Live

The wires in this mains lead must be connected to the terminals in the plugs as follows:

Blue Wire.....N or Black

Brown Wire.....L or Red

Only a 3 Amp fuse should be fitted in the plug or a 5 Amp fuse at the distribution board.

WARNING: UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3-PIN MAINS PLUG.



This symbol means that this unit is double insulated.
An earth connection is not required.

CAUTION

CLASS 1 LASER PRODUCT

Use of Controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

LASER SAFETY

This unit employs a laser, only qualified service personnel should attempt repair.



DANGER: INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED. AVOID DIRECT EXPOSURE TO BEAM.

CAUTION: HAZARDOUS LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED.

CAUTION

CLEANING: Always disconnect unit from mains supply before attempting to clean it. Use soft cloth moistened with soapy water, wipe gently. Do not use solvents or abrasive materials.

1. IMPORTANT NOTES

Your hearing is very important to you and to us so please take care when operating this equipment. The following guidelines are provided for your information.

ESTABLISH A SAFE SOUND LEVEL

- Over time your hearing will adapt to continuous loud sounds and will give the impression that the volume has in fact been reduced. What seems normal to you may in fact be harmful. To guard against this **BEFORE YOUR HEARING ADAPTS** set the volume at a low level
- Slowly increase the level until you can hear comfortably and clearly and without distortion.
- Damage to your hearing is accumulative and is irreversible.
- Any ringing or discomfort in the ears indicates that the volume is too loud.
- Remember listening for prolonged period of time at high volume levels will harm your hearing.

Once you have established a comfortable listening level, DO NOT INCREASE THE SOUND LEVEL FURTHER.

The following list of typical sound levels may assist you in recognising just how loud you have set the volume level.

DECIBEL

Level dB Example

- | | | |
|----|----|--|
| 30 | dB | Quiet library, soft whisper. |
| 40 | | Living room, fridge freezer bedroom away from traffic. |
| 50 | | Normal conversation, quiet office, light traffic. |
| 60 | | Electric sewing machine, |
| 70 | | Vacuum cleaner, hair dryer, noisy restaurant |

THE FOLLOWING NOISE CAN BE HARMFUL UNDER CONSTANT EXPOSURE

- | | |
|------|--|
| 80dB | Average city traffic, alarm clock buzzer at 1 Metre, food mixer. |
| 90 | Motorcycle, heavy goods vehicle, petrol lawn mower. |
| 100 | Pneumatic drill, chain saw, garbage truck, discotec/night-club. |
| 120 | Rock band concert, thunderclap, fast train passing by. |
| 140 | THRESHOLD OF PAIN Gunshot, jet plane taking off. |
| 180 | Rocket Launching pad. |

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PLAYER OPERATION

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WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

When cleaning the unit please make sure that it is unplugged from the mains socket.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

SOME DO'S AND DONT'S ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet European safety standards but like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read the operating instructions before you attempt to use the equipment.

Do ensure that all electrical connections (Including the mains plug, extension leads and interconnections between pieces of equipment) are properly made in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections.

Do consult your dealer if you are ever in doubt of the installation, operating, or safety of your equipment.

Don't continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way-switch off, withdraw the mains plug and consult your dealer.

Don't remove any fixed covers as this may expose dangerous voltages.

Don't leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

SAFETY PRECAUTIONS

1. As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the casing.
2. Stop operation immediately if any liquid or solid object should fall into the cabinet. Unplug the unit and have it checked by qualified personnel.
3. Do not touch the lens or poke at it. If you do, you may damage the lens and the player may not operate properly.
4. Do not put anything in the safety slot. If you do, the LASER diode will be ON when the lid is still opened.
5. This unit employs a LASER. The use of controls or adjustments or performance of procedure other than those specified herein may result in exposure to hazardous radiation.

Don't listen to headphones at high volume, as such use can permanently damage your hearing. Don't obstruct the ventilation of the equipment, for example with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment. Don't allow electrical equipment to be exposed to rain or moisture.

Above all

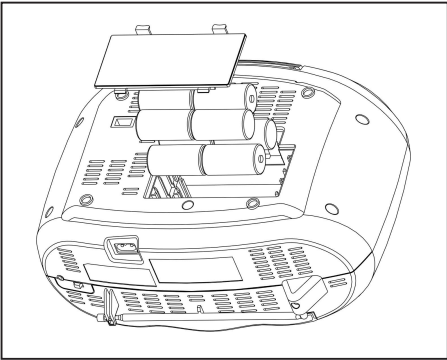
- Never let anyone, especially children, push anything into holes, slots or any other opening as this could result in a fatal electric shock.
- Never take chances with electrical equipment of any kind.
- It is better to be safe than sorry!

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE, DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE, DO NOT OPEN THE CABINET, REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

2. POWER SOURCES

AC MAINS

Insert the plug of AC power cord into wall outlet and the connector into AC Socket. Slide the function selector to the required source. Battery power will be disconnected automatically.



BATTERY OPERATION

Remove the Battery Compartment Cover and insert 8 pcs UM-2 (Size C) batteries, replace the cover.

NOTE: ENSURE BATTERIES ARE CORRECTLY INSTALLED OBSERVING THE POLARITY AS SHOWN.

NOTE: Old batteries may swell and leak. To avoid damage to your portable stereo, remove the batteries when the unit is to be stored for long periods of time, or if the batteries become exhausted (CD/Radio display will fade when the batteries are exhausted). And if radio sound is low or distorted, your batteries may need replacing.

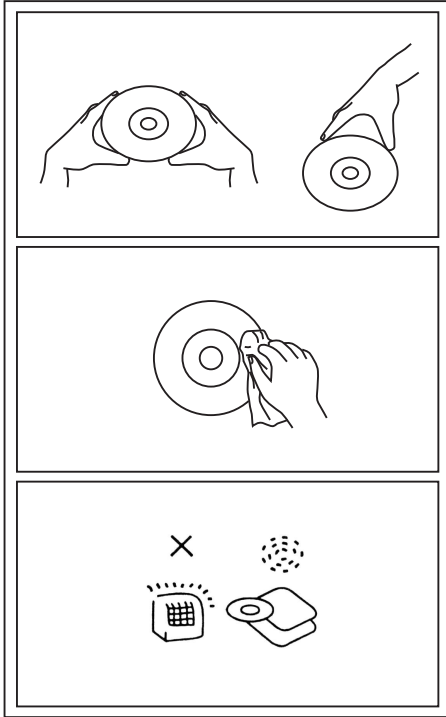
3. PLAYER MAINTENANCE

CLEANING THE TAPE HEADS

Clean the heads frequently to remove dust and tape residue. Dirt on the heads will impair the sound quality of both recording and playback.

The simple method is to use a head-cleaning cassette, which is available at most audio stores. Follow the instructions supplied with the cleaning cassette.

4. DISC CLEANING



Cleaning the Disc

1. To handle a compact disc use only one of the two manners illustrated.

Note Do not touch the rainbow - coloured Side.

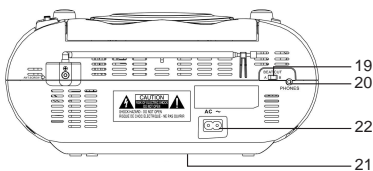
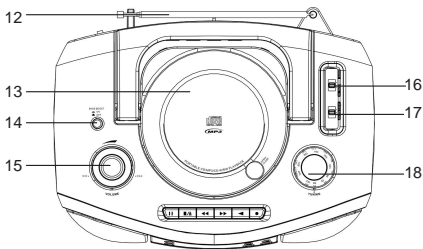
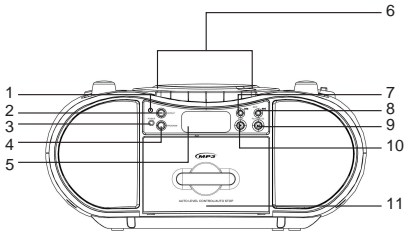
2. To wipe a disc, use only a soft cloth. Do not use benzene or thinner which will damage the disc. The disc should always be wiped in a straight line from the centre to the edge. It should never be wiped in a circular motion.
3. Never place the disc on other equipment or near any heat source. Avoid positions where the disc would be subjected to direct sunlight for long periods.

Maintenance and care

1. Electronic products should never be subjected to extreme temperatures nor high humidity to ensure good performance and a long life-time. The portable stereo should not be placed in bathing areas, or around stoves and radiators, etc. Always leave sufficient space around the unit for ventilation.
2. If necessary, only clean the cabinet of the unit with a soft dampened piece of cloth (make sure the AC power cord is unplugged from the mains socket) Never use a polish or a strong detergent for cleaning since this can damage the finish of the cabinet.

5. LOCATION OF CONTROLS

LOCATION OF CONTROLS



1. Power On LED Indicator.
2. CD Repeat Playback Button.
3. FM Stereo LED Indicator.
4. CD Program Button.
5. CD Track Display.
6. Cassette Controls.
7. CD Skip REV Button.
8. CD Skip FWD Button.
9. CD Play/Pause Button .
10. CD Stop Button.
11. Cassette Compartment Door.
12. Telescoping FM Aerial.
13. CD Compartment Door.
14. DBBS - Bass Boost On/Off.
15. Volume Control.
16. Function Selector.
(CD/MP3/TAPE(OFF)/RADIO)
17. Band Selector (MW/FM/FM ST)
18. Tuning Control.
19. Beat Cut A B Selector
20. Stereo Headphone Jack.
(on back of unit)
21. Battery Compartment Cover.
(on bottom of unit)
22. AC Cord Socket.
(on back of unit)

STEREO HEADPHONE SOCKET

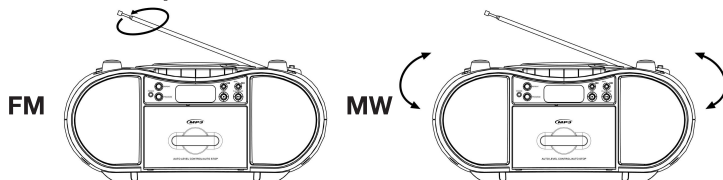
For private listening without disturbing others connect a set of stereo headphones (not included) to the Stereo Headphone Socket on the back of the unit. The built-in speakers automatically shut off when stereo headphones are connected to the headphone jack. When using stereo headphones always start with the volume control set to a low level and gradually increase until you reach the desired level.

- Do not play your headset at a high volume. Hearing experts advise against continuous extended play.
- If you experience a ringing in your ears, reduce volume or discontinue use.
- You should use extreme caution or temporarily discontinue use in potentially hazardous situations.
- If your headset is an open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

LISTENING TO RADIO

1. Extend the telescoping FM aerial to its full length.
2. Set the Function Selector to 'Radio'. The power 'On' indicator will light.
3. Set the Band Selector to the desired band: MW, FM, or FM Stereo.
4. Use the Tuning Control to locate the desired station. If the Band Selector is set to 'FM ST' and the FM station is broadcasting in stereo, the FM Stereo LED indicator will light.
5. Use the Volume Control to adjust the volume to the desired level.
6. When you are finished listening set the Function Selector to the TAPE(OFF) position.

Hints For Better Reception



MW - The MW aerial is located inside the cabinet. If MW reception is weak, try turning the entire unit until the MW aerial is pointing in the direction of the broadcast transmitter.

FM - Change the direction of the telescoping FM aerial until you find the best reception. If you are listening to a weak or distant FM stereo station, try setting the Band Selector to 'FM'. This will normally provide some improvement in reception and there will be less noise (hiss) although the sound will no longer be in stereo.

Dynamic Bass Boost System (DBBS)

This special circuit provides increased bass response, especially at lower volume levels where the bass has a tendency to disappear. Set the DBBS button to 'On' (⬇) to increase the bass. Set the DBBS button to 'Off' (⬆) for normal bass response. Note: If you have the DBBS circuit 'On' at high volume and you are listening to music that contains very strong bass, you may experience some distortion. If this occurs, reduce the volume or turn DBBS 'Off'.

LISTENING TO A CD/MP3

Normal Playback

1. Set the Function Selector to 'CD/MP3'. The power 'On' indicator will light.
2. Open the CD Compartment Door and place a CD/MP3 on the centre spindle with the printed label side facing 'up'.
3. Close the CD door. The disc will spin momentarily and "---" will appear in the display. Then the disc will stop spinning and the display will show the total tracks on the disc.
4. Press the Play/Pause ►|| button to begin playback. The Play ► Indicator appears in the display and playback begins on track 1.
5. Adjust the Volume and DBBS controls as desired.
6. Playback continues until all tracks have been played, then the disc stops and the display again shows the total number of tracks on the disc. You may also stop the disc at any time by pressing the Stop ■ button.
7. Open the CD door, remove your disc from the player, and set the Function Selector to the TAPE(OFF) position.

NOTE:

When listening to an MP3 disc, "MP3" will appear in the display.

PAUSE

Press the Play/Pause ►|| button during playback to Pause Playback. The Track number will flash in the display.

The sound stops but the disc continues to spin. Press the Play/Pause ►|| button again to cancel Pause and resume normal playback. The Track number will stop flashing.

Do not use multi-session discs. Files from the second session will not be played. It is highly recommended that you create your CD by writing only once.

CD-R/CD-RW PLAYBACK

This unit can play CD-RW disc

NOTE:

"CD-R/CD-RW play capability of this unit may vary depend on quality of media, CD burner and application software". UDF format (otherwise known as Drag and Drop) discs may not work in this player.

Skip / Search

Press the Skip ►► FWD (Forward) button once during playback to skip to the beginning of the next track. Repeatedly press this button to skip forward to subsequent tracks. Press the Skip Down ◄◄ button to skip back to the beginning of the previous track. Repeatedly press this button to skip back to earlier tracks. To begin playback of a disc on a specific track, wait until the player reads the disc and display the total track number, then press the Skip Up ►► or Skip Down ◄◄ button repeatedly until the desired track number is on the display. Press the Play/ Pause ►|| button to begin playback on that track.

Press and hold skip Up/Search Forward ►► or Skip Down/Search Backward ◄◄ button to Search Forwards or backwards at high speed for a specific passage of a track. To resume normal playback press the play/pause ►|| button.

NOTE: During high speed music search the playback volume is automatically turned off.

Repeat Playback

Press the Repeat button once, the “↶” indicator will flash in the display, select the track you wish to repeat, then press Play/Pause button to start playback. The selected track will be repeated continuously until you cancel the repeat function or press the Stop ■ button.

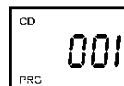
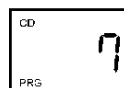
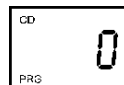
To repeat the entire disc, press the Repeat button until the “↶” indicators shows steadily in the display, then press the Play/Pause ►|| button to begin playback if necessary. The entire disc will be repeated continuously.

To cancel Repeat Playback press the Repeat button until the “↶” indicator no longer appears in the display. Repeat can also be canceled by pressing the Stop ■ button, opening the CD door, or switching the Function Selector to TAPE(OFF).

Programmed Playback

The CD Player in this unit has a 200 track programmable memory which allows you to program up to 200 tracks on any disc for playback in any desired order. To program tracks for playback proceed as follows:

1. Press the Program button once. The Program indicator PRG appears in the display and the “0” appears indicating that you should select the track you wish to enter into program memory number 1.
2. Use the Skip Up ►► or Skip Down ◄◄ buttons to select the first track to be programmed. Example: Track 7
3. Press the Program button again. This will store track 7 into program memory number 1. The display will now change to 001, indicating that you should now select the track to be entered into program memory 2.
4. Repeat steps (2.) and (3.) until you have programmed up to a maximum of 200 tracks into the program memory.
5. To begin Programmed Playback press the Play/Pause ►|| button. The Player will begin to play tracks in the order that you selected.
6. Press the Stop ■ button during Programmed playback to stop playback. Programmed Playback can also be canceled by pressing the Stop ■ button, opening the CD door, or switching the Function Selector to TAPE(OFF).



6. CASSETTE TAPE OPERATIONS

Playing A Cassette Tape

1. Select the Tape function by sliding the FUNCTION selector to the TAPE(OFF) position.
2. Open the Cassette Tape door.
3. Insert a cassette tape into the cassette deck with the full reel on the left side. Close the Cassette Door.
4. Press the Cassette Play ► button to begin playback.
5. Adjust the Volume and DBBS controls as desired.
6. To advance or rewind the tape rapidly, press the Fast Forward ◀◀ or Rewind ▶▶ buttons. To resume normal playback press the Cassette Play ► button again.
7. To pause during playback, press the Cassette Pause ■■ button. Press Pause again to resume playback.
8. To stop the tape before the end, press the Cassette Stop ■ button.
9. To remove the tape open the door and press the tape Stop ■ button to open the tape door and then lift the tape out of the mechanism and then lift the tape out.

When the tape ends the Auto-Stop feature releases the Play button.

NOTE: Auto-Stop only operates in the Play or Record modes. Auto-Stop does not work during Fast Forward or Rewind operation.

Making A Tape Recording

You can record directly from the radio or the CD player to the built in stereo cassette recorder. No separate microphones or external connections are required. In addition, the cassette recorder has an Automatic Recording Volume Level Control circuit that automatically controls the recording volume level to prevent distortion. You may adjust the volume control during recording, or turn the volume 'off' completely without affecting the recording.

1. Select the source you wish to record, Radio or CD Player, and follow the operating instructions for that source.
2. Open the CD/Cassette door.
3. Insert a good quality blank cassette tape into the slots on the inside of the cassette CD with the full reel on the left side. Close the cassette door.

4. Press the Cassette Record ● button. The Cassette Play ► button will also engage and recording will begin.
If you wish to stop the tape temporarily to avoid recording certain material, press the Cassette Pause ■■ button. Press again to resume recording.
5. When the recording has finished press the Stop ■ button to stop the tape.

Cassette Tape Recommendations

Standard tape lengths have 15(C-30) and 30(C-60) minutes of recording time on each side. Longer length tapes of 45 (C-90) and 60 (C-120) minutes of recording time on each side are available, but because longer tapes in the same size package necessitate the use of thinner materials, the chance for malfunction is much greater therefore longer length tapes are not recommended. Use only high quality tapes. If a problem develops, check the unit first with another cassette to determine if the problem is with the cassette, and not the unit. If there is any slack in the tape in the cassette, it should be removed before inserting the cassette. Place a pencil in one of the holes and rotate until all slack is taken up.

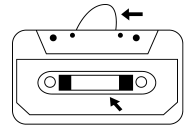


Fig.1

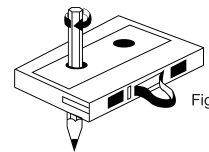
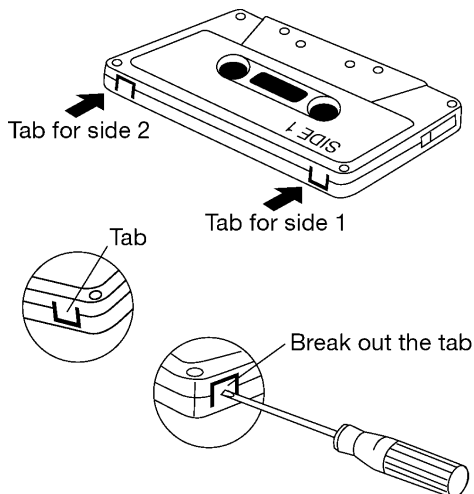


Fig.2

Safeguard Against Accidental Erasure

When a new recording is made, any program material previously recorded is automatically erased and only the new recording remains. To safeguard valuable recordings from being erased accidentally, the cassette and the deck are equipped with a tab.

On the back of the cassette there is an erase prevention tab on each side. To prevent accidental erasing, break out these tabs with a screwdriver. If only one side of the tape is to be protected, break out the tab on the right side with the side to be protected facing upwards. To record on a tape in which the tab has been broken, place a piece of cellophane tape over that area.



Cleaning The Unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax or polish sprays on the cabinet.
- If the cabinet becomes dirty or smudged with fingerprints it may be cleaned with a soft cloth slightly dampened with a mild soap and water solution. Never use abrasive cloths or polishes as these will mark the finish of your unit.

Caution:

Never allow any water or other liquids to get inside the unit while cleaning.

7. TROUBLESHOOTING GUIDE

Should this unit exhibit a problem, check the following before seeking service.

Symptom	Possible Cause	Solution
Radio		
Noise or sound distorted on MW or FM broadcasts.	Station not tuned properly for MW or FM.	Retune the MW or FM station.
	FM: Aerial is not extended.	Extend FM aerial.
	MW: The bar aerial is not positioned correctly.	Rotate the unit until the best reception is obtained.
FM STEREO indicator does not light.	FM station is mono or station signal is weak.	Extend FM aerial. Try other strong stations.
MW or FM, no sound.	Function is not set to Tuner.	Use FUNCTION to select tuner.
	Volume at minimum.	Increase Volume.
Cassette Player		
No sound.	Volume at minimum.	Increase Volume.
	Dirty head.	Clean the head.
Sound distorted. Speed varies.	Tape old or worn.	Replace the tape.
	Dirty roller and capstan.	Clean roller and capstan.
Will not record.	Erase prevention tab removed.	Cover hole with tape.
Distorted sound on playback.	Defective tape or dirty tape head.	Replace tape or clean tape head.
CD Player		
CD Player will not play.	Function is not set to CD.	Press CD button to select CD function.
	CD is not installed or installed incorrectly.	Insert CD with label side up.
CD skips while playing.	Disc is dirty or scratched.	Wipe disc with cloth or use another disc.

8. TECHNICAL SPECIFICATION

Model: GPS218MP3

Specification

Main Unit

FM section

Tuning range:	87.5 MHz - 108 MHz
Usable sens.:	26db
Aerial:	telescopic

MW section

Tuning range:	522 kHz - 1620kHz
Usable sens.:	63dB/M
Aerial:	Ferrite bar

Amplifier

Power output (at 10% THD):	1.2W
Max. output power	1.5W
Headphone:	32 ohms

Cassette deck section

Track format	4 tracks, 2 channels stereo
Frequency response	Normal tape : 100 Hz to 10 KHz
Signal - to - noise ratio	40 dB
Recording system	AC bias
Heads	Recording/playback head x 1 erase head x 1

CD section

Laser:	Semiconductor laser (760-800nm)
S/N ratio:	50dB(1 kHz, 0 dB)
Harmonic distortion:	0.5%(1 kHz, 0 dB)
Wow and flutter:	Immeasurable

MP3

MPEG Rate	32-384Kbps
Sampling Frequency	8/11.025/12KHz for MPEG2.5 16/22.05/24KHz for MPEG2 32/44.1/48KHz for MPEG1

General

Power requirement:	AC230V, 50Hz
Max. Power consumption:	15W
Dimension of main unit:	315 (L) x 240 (W) x 140(H) mm
Weight of main unit:	2.5 kgs

Specifications and external appearance are subject to change without notice.