

**MP3-CD Soundmachine**

AZ **1150**

AZ **1155**



**EXPANIUM**

*Let's make things better.*



**PHILIPS**

## Important notes for users in the U.K.

### Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place. If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

### How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L). As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

- Connect the blue wire to the terminal marked N or coloured black.
- Connect the brown wire to the terminal marked L or coloured red.
- Do not connect either wire to the earth terminal in the plug, marked E (or e) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

### Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

## Norge

Typeskilt finnes på apparatens underside.

**Observer:** Nettbryteren er sekundært innkoplet. Den innebygde nettdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

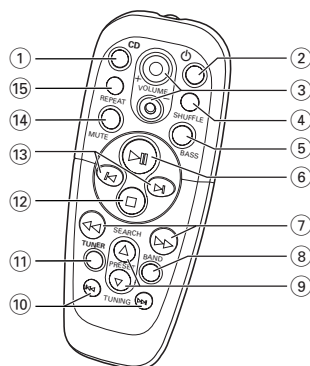
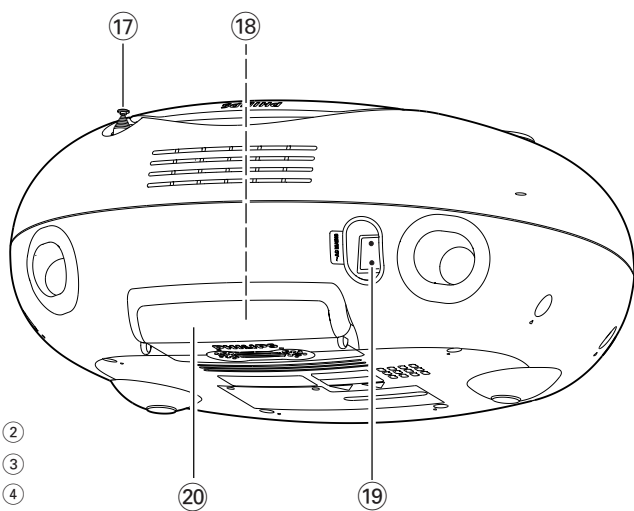
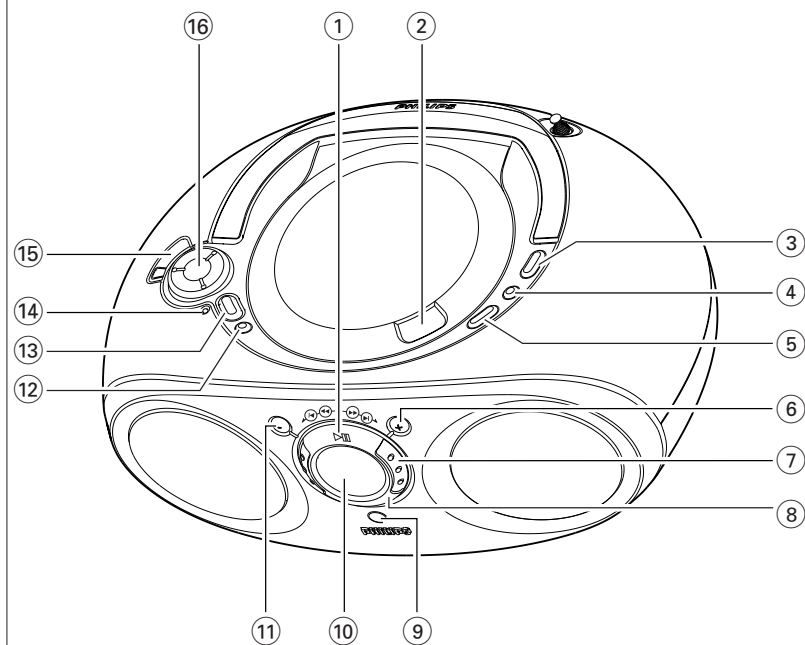
For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

## Italia

### DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio Lettore CD/Radio-registratore mod. AZ1150, AZ1155 Philips risponde alle prescrizioni dell'art. 2 comma 1 del D. M. 28 Agosto 1995 n. 548.

Philips Consumer Electronics  
Philips, Glaslaan 2, SFF 10  
5616 JB Eindhoven, The Netherlands



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# Controls

## Top and front panels

- 1 **▶||** – starts or pauses MP3-CD/CD playback
- 2 **OPEN•CLOSE** – press to open/close CD door
- 3 **BAND** – selects FM/ MW (AM)/LW waveband (LW not on all versions)
- 4 **PROGRAM**
  - **MP3-CD/CD**: programs/ reviews programmed tracks;
  - **TUNER**: programs tuner stations
- 5 **CD MODE**
  - plays MP3-CD tracks/CD/a program in random order
  - repeats a track/MP3-CD/CD/ program
- 6 **+ ALBUM, PRESET**
  - **MP3-CD** only: selects next album
  - **TUNER**: selects the next preset station
- 7 **ROTARY NAVIGATION ◀◀ , ▶▶**
  - **MP3-CD/CD**: fast searches backwards, forwards within a track
  - **TUNER**: tunes radio (manually: down, up)
- ◀◀ , ▶▶
  - **MP3-CD/CD**: skips to previous, next title/track
  - **TUNER**: automatic search tuning (down, up)
- 8 **STOP ■** – stops MP3-CD/CD playback; erases a MP3-CD/CD program
- 9 **IR SENSOR (AZ1155 models only)**
  - infrared for remote control

- 10 **Display** – backlit only when using AC mains supply
  - **MP3-CD**: orange backlight
  - **TUNER/CD**: green backlight
- 11 **- ALBUM, PRESET**
  - **MP3-CD** only: selects previous album
  - **TUNER**: selects previous preset station
- 12 **SOURCE** – selects sound source for MP3-CD/CD or TUNER
- 13 **POWER** – switches the set on/ off
- 14 **LOW BATT** – indicator lights up if battery power running low
- 15 **ULTRABASS 2** – enhances bass response
- 16 **VOLUME** – adjusts volume level

## Back Panel

- 17 **Telescopic aerial** – to improve FM reception
- 18 **Voltage selector** – (inside the battery compartment, not all versions) adjust to match the local voltage 110/220V before plugging in the set
- 19 **AC MAINS** – inlet for mains lead
- 20 **Battery door** – open to insert 6 x **R-14**, **UM-2** or **C-cells**

*This set complies with the radio interference requirements of the European Community.*

## DIGITAL REMOTE CONTROL (for AZ1155 model only)

- 1 **CD** – selects **MP3-CD/CD** sound source
- 2 **⏻** – switches the set to standby
- 3 **+VOLUME -** – adjusts volume level (up down)
- 4 **SHUFFLE** – plays all MP3-CD/CD tracks in random order
- 5 **BASS** – selects **ULTRABASS 2** on/off
- 6 **▶||** – starts MP3-CD/CD playback  
– pauses MP3-CD/CD playback
- 7 **SEARCH ◀◀, ▶▶** – fast searches backwards, forwards within a track
- 8 **BAND** – selects FM/ MW(AM)/LWV waveband (LWV not on all versions)
- 9 **PRESET ▲, ▼ (up, down)**  
**MP3-CD** : selects an album  
**TUNER** : selects a preset radio station
- 10 **TUNING ◀◀, ▶▶ (down, up)** – tunes to tuner stations
- 11 **TUNER** – selects tuner sound source
- 12 **■** – stops MP3-CD/CD playback;  
– erases a MP3-CD/CD program
- 13 **◀, ▶** – skips to the beginning of a current track previous/ subsequent track
- 14 **MUTE** – interrupts/ resumes sound

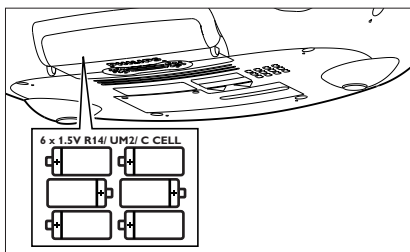
- 15 **REPEAT** – repeats a track/ program/ entire MP3-CD/CD

## Power Supply

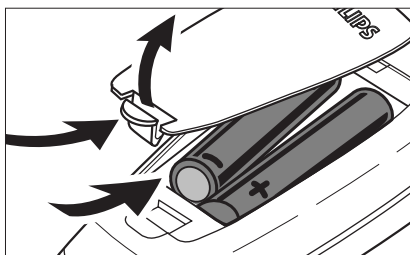
Whenever convenient, use the mains supply if you want to conserve battery life. Make sure you remove the plug from the set and wall socket before inserting batteries.

### Batteries (not included)

- 1 Open the battery compartment and insert six batteries, type **R-14**, **UM-2** or **C-cells**, (preferably alkaline) with the correct polarity as indicated by the "+" and "-" symbols inside the compartment.



- **Remote control (AZ1155 model only)**



Open the battery compartment and insert 2 batteries, type **AAA**, **R03** or **UM4** (preferably alkaline).

# Power Supply

- 2 Replace the compartment door, making sure the batteries are firmly and correctly in place. The set is now ready to operate.  
→ If **LOW BATT** lights up, battery power is running low. The LOW BATT indicator eventually goes out if the batteries are too weak.

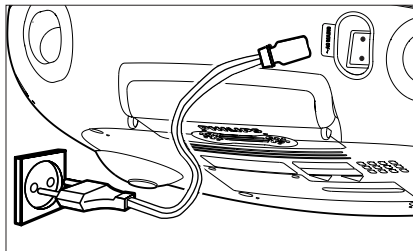
**Batteries contain chemical substances, so they should be disposed of properly.**

Incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst. Therefore:

- Do not mix battery types: e.g. alkaline with carbon zinc. Only use batteries of the same type for the set.
- When inserting new batteries, do not try to mix old batteries with the new ones.
- Remove the batteries if the set is not to be used for a long time.

## Using AC Mains

- 1 Check if the mains voltage, **as shown on the type plate located on the bottom of the set**, corresponds to your local mains supply. If it does not, consult your dealer or service centre.

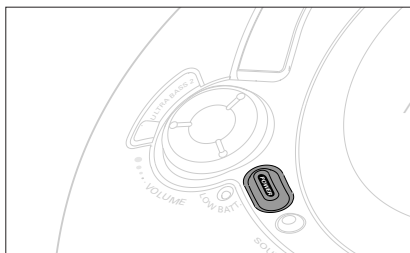


- 2 Connect the mains lead to the MAINS inlet and the wall socket. The mains supply is now connected and ready for use.
  - 3 To switch off completely, withdraw the mains lead from the wall socket.
- Disconnect the mains lead from the wall socket to protect your set during heavy thunderstorms.

**The type plate is located on the bottom of the set.**

## Switching power on/off: Save energy

To avoid unnecessary energy consumption always press the **POWER** button to off after using the set.



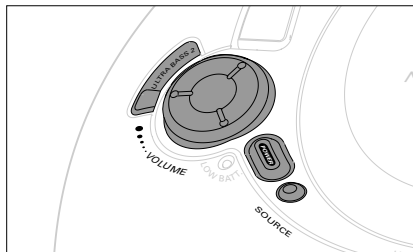
- The display backlight only operates when using AC mains supply.

Standby power consumption..... ≤ 2 W



# General operation

## General operation



- 1 Press the **POWER** button.
- 2 To select sound source, press **SOURCE** once or more.
- 3 Adjust the sound with the **VOLUME** and **ULTRABASS 2** controls.
  - Volume level is briefly shown as a number 0-32, during volume adjustment. The volume bar is shown during operation.
  - **ULTRABASS 2** indicator lights up when activated.

### **MUTE:** AZ1155 model only

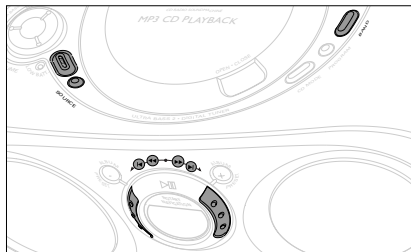
- Press **MUTE** on the remote control to interrupt sound reproduction instantly.
    - Playback continues without sound.
  - To reactivate sound reproduction you can:
    - press **MUTE** again;
    - adjust the volume controls;
    - change source.
- 4 To switch off the set, press **POWER**.

**Note:** When the set is switched off, the set's memory will retain:

- the tuner presets;
- the sound settings and up to volume level 20 (maximum).

# Digital Tuner

## Tuning to Radio Stations



- 1 Press the **POWER** button.
- 2 Press **SOURCE** once or more to select **TUNER**.
  - Display: shows waveband, frequency / and preset station number if already stored.
- 3 Press **BAND** once or more to select the desired waveband.
- 4 Tuning to stations: you can tune to your stations manually or by automatic search tuning:

### **Automatic search tuning:**

- Gently turn and hold the **ROTARY NAVIGATION** ring anti-clockwise or clockwise to ◀ or ▶, and release when the frequency in the display starts to change.
  - The radio automatically tunes to a station of sufficient reception. Display shows **Sr ch** during automatic tuning.

### **CAUTION**

**Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.**

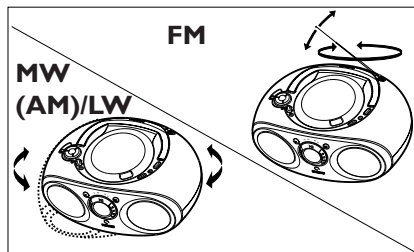
# Digital Tuner

## Manual tuning:

- Gently turn the **ROTARY NAVIGATION** ring to ◀◀ or ▶▶, and then release.
- Repeat the above until you reach the desired frequency.

## To improve reception

- For **FM**, pull out the telescopic aerial. Incline and turn the aerial. Reduce its length if the signal is too strong (very close to a transmitter).  
→ Display shows **stereo** if FM station is received in stereo.
- For **MW(AM)/LW** the set is provided with a built-in aerial so the telescopic aerial is not needed. Direct the aerial by turning the whole set.



- 5 To switch off the tuner, press **POWER**.

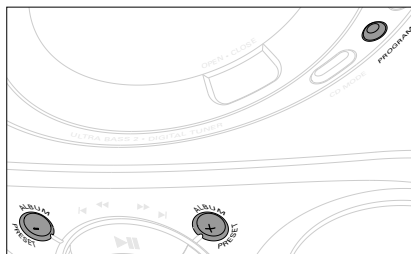
## Programming tuner stations

Store up to 30 tuner stations in the memory, manually or automatically. You can also erase a preset station by storing another frequency in its place.

## Autostore

Automatic programming will start with a chosen preset number. From this preset number upwards, former programmed tuner stations will be replaced. The unit will only program stations which are not in the memory already.

- 1 Press **ALBUM, PRESET +** or **-** once or more (◀◀ or ▶▶ on the remote control) to select the preset number where programming should start.



**Note:** If no preset number is selected, default is preset 1 and all your presets will be replaced.

- 2 Press **PROGRAM** for more than 2 seconds to activate programming.  
→ Display shows '**A**' (autostore) and '**Sr ch**' and available stations are programmed in order of waveband : FM, followed by MW (AM), and then LW stations (LW not on all versions) The last preset automatically stored will then be played.

# Digital Tuner

## Manual programming

- 1 Tune to your desired station (see Tuning to radio stations).
- 2 Press **PROGRAM** to activate programming.  
→ Display: **program** flashes.
- 3 Press **ALBUM, PRESET +** or **-** once or more to allocate a number from 1 to 30 to this station.
- 4 Press **PROGRAM** again to confirm.  
→ Display: **program** disappears, and shows the preset number; waveband and the frequency.
- 5 Repeat the above four steps to store other stations.

### Environmental information

All redundant packaging has been omitted. We have done our utmost to make the packaging easily separable into three materials: cardboard, polystyrene foam and polyethylene.

*Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging, exhausted batteries and old equipment.*

# MP3-CD Playback

## MP3-CD Playback

### IMPORTANT SPECIFICATIONS

#### Supported formats:

- Disc format ISO9660, Joliet and multi-session CDs. Use ISO9660 disc format when burning CD-ROM.
- MP3 music format.
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate.
- 650Mb and 700Mb CD-Rs.
- Directory nesting up to a maximum of 8 levels (max. 64 characters).

### General information

The music compression technology MP3 (MPEG Audio Layer 3) reduces the original digital audio data by a factor up to 10 without losing significant sound quality. This allows you to record up to 10 hours of CD-like quality music on a single CD-ROM.

### How to get MP3 music

Either download legal music files from the internet to your computer harddisc or create them from your own audio CDs. For this, insert an audio CD into your computer's CD-ROM drive and convert the music using an appropriate encoder software. To achieve a good sound quality, a bit rate of 128 kbps or higher is recommended for MP3 music files.

Some encoder software offers an option to protect music files, i. e. the files can only be played on the computer which created them. If you burn such files on a CD-ROM,

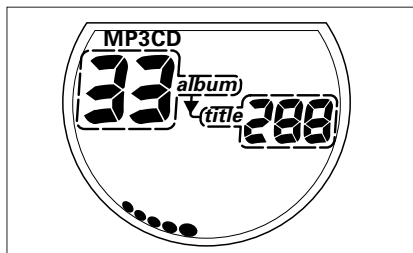
# MP3-CD Playback

you cannot play them on this set. Make sure to deactivate the protection option in the encoder software before creating the music files. In this case you are responsible for adherence to all local or international copyrights.

## When burning the MP3-CD

- Make sure the file names of the MP3 files end with **.mp3**.
- Multi-session recording & playback: For playback of the last session on multi-session CDs, make sure you have recorded more than 1 track or title in the last session.
- Make sure you close the session.

## How to organize MP3 files



You can store up to a maximum number of 40 albums and 400 titles on one MP3-CD. In order to easily handle the large number of music files on a CD-ROM, you can organize them in folders ("albums").

The tracks of an album will be played in alphabetical order. If you want to arrange them in a certain order, let the file names start with numbers.

For example:

**001-ONEWORLD.MP3**

**002-FIRESTARTER.MP3**

**003-DEER.MP3.**

- There may be an album **00** which will be played before all other albums. Album **00** contains all tracks which you did not put into an album.
- MP3-CD albums and titles are shown as numbers in the display.

## IMPORTANT!

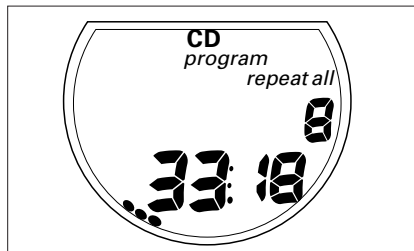
**This set does not play/support the following:**

- **UDF** disc format.
- Non-finalized CD-Rs and CD-RWs.
- Mixed CD format recordings e.g. CD audio and MP3 tracks combined within a CD-R.
- Empty albums: an empty album is an album that does not contain MP3 files, and will not be shown in the display.
- Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension .dlf are ignored and will not be played.
- Playlist Files e.g. .m3u, .pls of WMA, AAC, Winamp, Sonic, RealJukebox, MS Mediaplayer 7.0, MusicMatch.
- Recordings created on e.g. **DirectCD**, **PacketWriting** and **Package Writing**.

# MP3-CD/CD Playback

## MP3-CD/CD PLAYER

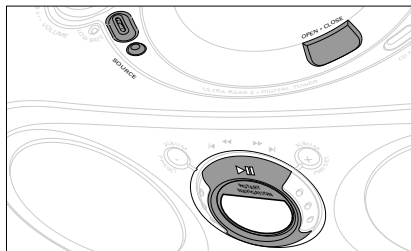
**Display indication for MP3-CD/CD functions:**



- **OPEN**: CD door open
- **Read**: when reading disc contents
- **MP3CD**: when an MP3-CD ROM is inserted
- **CD**: when an audio CD is inserted
- **MP3-CD in stop mode**: total album number and total title number
- **CD in stop mode**: total track number and total playback time
- **During MP3-CD/CD playback**: elapsed playback time of current album and title number/ current track number
- **PAUSE**: when playback on pause mode
- **SHUFFLE/ REPEAT modes**: when the respective mode is activated
- **program**: when CD program active
- **Prog** also appears briefly when you store a title/ track
- **no SEL**: program activated but no title/ track selected
- **FULL**: program memory full
- **no album**: **ALBUM, PRESET +** or **-** pressed during playback of MP3-CD or CD containing no album arrangement
- **Error, no CD** or **no CD**: error / no disc inserted/ the CD(-R) is blank/ disc is not finalized (see Troubleshooting)

## Playing MP3-CD/CD

This CD player plays Audio Discs including CD(-R)s, and MP3 CD-ROMs.



- CD-I, CDV, VCD, DVD, however, are not possible.
- 1** Press the **POWER** button.
- 2** Press **SOURCE** once or more to select MP3-CD/CD.
- 3** To open the CD door, lift the CD door at the edge marked **OPEN•CLOSE**.
- 4** Insert a CD(-R) with the printed side facing up and close the CD door.
- 5** Press **▶II** to start playback.
- 6** To pause playback press **▶II**. To resume, press **▶II** again.
- 7** To stop, press **■**.
- 8** To switch off the set, press **POWER**.

**Note:** MP3-CD/CD playback will also stop when:

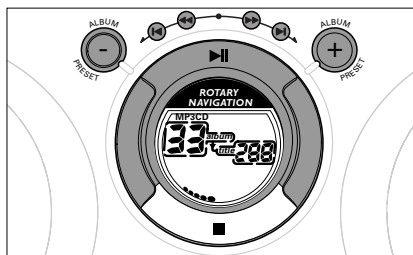
- you press the CD door open;
- you select **TUNER** source;
- the disc has reached to the end.

# MP3-CD/CD Playback

## Selecting a different track

Depending on whether you're listening to MP3 or CD Audio, during playback simply use **ROTARY NAVIGATION** (or ◀ or ▶ buttons on the remote, AZ1155 only) to select a particular track.

- If you have selected a track number in the stop or pause position, press ▶|| to start playback



### • MP3-CD mode only:

First press **ALBUM, PRESET +** or **-** once or more to find your album. Then follow the next 2 steps.

### MP3-CD/CD:

- 1 Gently turn the **ROTARY NAVIGATION** ring anti-clockwise or clockwise to ◀ or ▶, (or ◀, ▶ buttons on the remote, **AZ1155** only).
- 2 Release the **ROTARY NAVIGATION** ring when you reach the desired track.

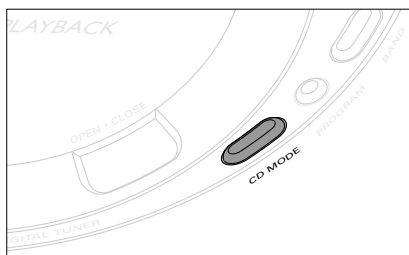
## Finding a passage within a track

- 1 Gently turn the **ROTARY NAVIGATION** ring anti-clockwise or clockwise to ◀◀ or ▶▶, (or ◀◀ or ▶▶ buttons on the remote, **AZ1155** only) and hold.
  - No sound is heard during MP3 fast cue/review.
  - The CD is played at high speed and low volume.
- 2 When you recognize the passage you want release the **ROTARY NAVIGATION** ring.
  - Normal playback resumes.

**Note:** Searching is not possible if you are playing MP3 files encoded with variable bit rate (VBR).

## Different play modes : Shuffle and Repeat

**CD MODE** allows you to select various play modes. The modes can be selected or changed during MP3-CD/CD playback:



**SHUFFLE** – all tracks are played in random order

**SHUFFLE REPEAT ALL** – repeats the entire MP3-CD/CD in random order

**REPEAT** – plays the current track continuously

# MP3-CD/CD Playback

**REPEAT ALL** – plays the whole MP3-CD/CD continuously

- 1 During playback, select your play mode by pressing **CD MODE** once or more until the desired play mode is shown.
  - The **SHUFFLE/ REPEAT** play options can be combined and used with a program: e.g. **SHUFFLE REPEAT ALL** - repeats the entire program in random order.
- 2 To return to normal playback press **CD MODE** until the various **SHUFFLE/ REPEAT** modes are no longer shown.
  - You can also press ■ to quit the play mode.

## Programming track numbers

You may store up to 30 tracks in the desired sequence. If you like, store any track more than once.

- 1 In the stop position, first select your album and tracks as follows:

### MP3-CD only:

- press **ALBUM, PRESET +** or **-** once or more to find your album.
- Turn the **ROTARY NAVIGATION** anti-clockwise or clockwise (or ◀ or ▶ buttons on the remote, **AZ1155** only) to select a particular track.
  - Display: **album/ title** flashes if you have not made the respective selection.
- Continue with the following, steps 2-4.

### CD:

- First use the **ROTARY NAVIGATION** (or ◀ or ▶ buttons on the remote, **AZ1155** only) to select a particular track.
- 2 When your chosen track number appears, press **PROGRAM** once to store the track.
  - Display shows **program** and 'P r 0 9' briefly followed by your selected track number.
  - If you attempt to program without first selecting a track number, **n o S E L** is shown.
- 3 Repeat steps 1 and 2 to select and store all desired tracks in this way.
  - **F U L L** is displayed if you attempt to program more than 30 tracks.
- 4 To play your program, press ▶II.

### To review a program

- In the stop position, press and hold down **PROGRAM** for more than 2 seconds.
  - Display shows all your stored track numbers in sequence, or the MP3-CD title and album numbers.
  - Display shows 'n o P r' if no title/track programmed.

### Erasing a program

You can erase the contents of the memory by:

- opening the CD door;
- selecting TUNER source;
- pressing ■ twice during playback/ in the stop position

# Maintenance

## Precautions & General Maintenance

- Place the set on a hard and flat surface so that the system does not tilt.
- Do not expose the set, batteries or CDs to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- Do not cover the set. Adequate ventilation with a minimum gap of 6 inches between the ventilation holes and surrounding surfaces is necessary to prevent heat build-up.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- To clean the set, use a dry cloth. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the housing.

## MP3-CD player and CD handling

- The lens of the CD player should never be touched!
- Sudden changes in the surrounding temperature can cause condensation to form and the lens of your CD player to cloud over. Playing a disc is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.
- Always shut the CD door to keep the CD compartment dust-free. To clean, dust the compartment with a soft dry cloth.
- To take a disc out of its box, press the centre spindle while lifting the disc. Always pick up the disc by the edge and replace the disc back in its box after use to avoid scratching and dust.
- To clean the disc, wipe in a straight line from the centre towards the edge using a soft, lint-free cloth. Do not use cleaning agents as they may damage the disc.
- Never write on a disc or attach any stickers to it.



# Troubleshooting

*If a fault occurs, first check the points listed below before taking the set for repair.*

*If you are unable to remedy a problem by following these hints, consult your dealer or service centre.*

**WARNING:** Do not open the set as there is a risk of electric shock. Under no circumstances should you try to repair the set yourself, as this will invalidate the guarantee.

Problem	Solution
<b>No sound / No power</b>	<ul style="list-style-type: none"> <li>– Volume not adjusted. Adjust the VOLUME</li> <li>– Mains lead not securely connected. Connect AC mains lead properly</li> <li>– Batteries exhausted /incorrectly inserted. Insert (fresh) batteries correctly</li> </ul>
<b>Display does not function properly/ No reaction to operation of any of the controls</b>	<ul style="list-style-type: none"> <li>– Electrostatic discharge</li> <li>Switch off and unplug the set. Reconnect after a few seconds.</li> </ul>
<b>Err, no Cd or nF disc indication</b>	<ul style="list-style-type: none"> <li>– No CD inserted. Insert a CD</li> <li>– CD damaged or dirty. Replace/ clean CD (see maintenance)</li> <li>– Laser lens steamed up. Wait until lens has cleared</li> <li>– CD-(R) is blank or the disc is not finalized. Use a finalized CD-(R)</li> </ul>
<b>The CD skips tracks</b>	<ul style="list-style-type: none"> <li>– Disc damaged or dirty. Replace or clean disc</li> <li>– SHUFFLE or a program is active</li> <li>Quit SHUFFLE / program mode(s)</li> </ul>
<b>Sound skips during MP3 playback</b>	<ul style="list-style-type: none"> <li>– MP3 file made at compression level exceeding 320kbps</li> <li>Use a lower compression level to record CD tracks into MP3 format</li> <li>– Disc damaged or dirty. Replace or clean disc</li> </ul>
<b>Cannot find desired MP3 track</b>	<ul style="list-style-type: none"> <li>– Wrong file extension used</li> <li>save file as .MP3</li> </ul>