

**groov>e**

**GV-PS933**

**ULTIMATE BOOMBOX  
PORTABLE CD, CASSETTE, USB PLAYER  
WITH DAB/FM RADIO & BLUETOOTH.**



**INSTRUCTION MANUAL**

**PLL**  
TUNING

**MP3**  
PLAYBACK

**USB** 

COMPACT  
**disc**  
DIGITAL AUDIO

 <p>The lightning flash and arrow head within the triangle is a warning sign alerting you of dangerous voltage inside the product</p>	<p style="text-align: center;"><b>CAUTION</b></p> <p style="text-align: center;"><b>RISK OF ELECTRIC SHOCK DO NOT OPEN</b></p> <p><b>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</b></p>	 <p>The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product</p>
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**IMPORTANT SAFETY INSTRUCTIONS:**

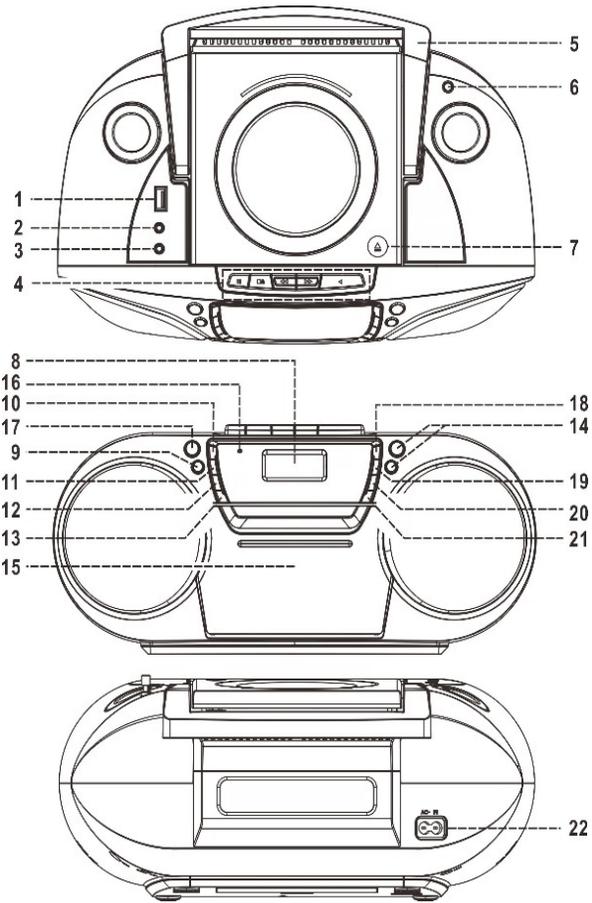
1. Please read the instructions. All guidelines must be read before starting the device.
2. Keep the instructions for future use.
3. The device must not be used near water and avoid contact with moisture.
4. Make sure no liquid is spilled on the device and device openings.
5. Move the device carefully to avoid knocks.
6. Do not block the device outputs.
7. Do not place the device near heat sources (e.g. radiator). Do not expose it to the Sun.
8. Plug the device as indicated in this information form.
9. Unplug the mains plug if not in use for a long period.
10. The Device should be repaired by a qualified person when:
  - a. the power cord is damaged,
  - b. objects have fallen into the apparatus or a liquid has been spilled into the device,
  - c. device does not work.
11. Do not try to service the device yourself beyond that which is described in this information form as this could invalidate your warranty.
12. To switch off completely please remove the plug of the power cord from the mains socket.
13. Batteries should not be exposed to excessive heat such as sunshine, fire.
14. Excessive volume when using earphones and headphones can cause hearing loss.
15. Please allow a minimum distance (150-180mm) around the apparatus for sufficient ventilations.
16. No naked flames such as lighted candles should be placed on the apparatus.
17. Attention should be drawn to the environmental aspects of battery disposal.



**CLASS 1 LASER  
PRODUCT**

## LOCATION OF CONTROL

- 1) USB socket
- 2) Aux in socket
- 3) 3.5mm headphone jack
- 4) Cassette buttons
- 5) Handle
- 6) FM antenna
- 7) CD door open/close
- 8) LCD display
- 9) Function button
- 10) Stop ■/Enter button
- 11) Skip/Tuning down ◀◀ button
- 12) Menu/Mem/clock-adjust button
- 13) Timer button
- 14) Volume up/down button
- 15) Cassette door
- 16) Standby LED
- 17) On/Off button
- 18) Play/pause ▶||/Scan button
- 19) Skip/tuning up ▶▶ button
- 20) Pre/Folder up ▲ button
- 21) Info/Play mode button
- 22) AC socket



### Caution:

Use of controls or procedures other than those specified herein may result in hazardous radiation exposure. This unit should not be adjusted or repaired by anyone except qualified service personnel.

### Important:

Since the sensitive circuitry may cause interference to a radio tuner nearby, switch this unit off while operating other radio devices.

**Due to the complexity of the MCU control, please un-plug the main power supply of the unit if the unit stops during operation! This is not a malfunction of the system!**

### Precautions for use

#### Installation

- Unpack all parts and remove protective material.
- Do not connect the unit to the mains before checking the main voltage and before all other connections have been made.
- Do not cover any vents and make sure that there is a space of several centimeters around the unit for ventilation.

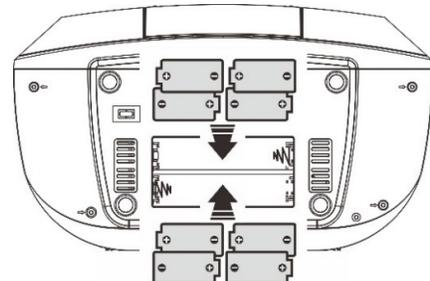
#### Connection

1. Connect the one end of the detachable power cord to the AC socket (22) and the other end to the AC outlet.
2. When you first plug the unit into the mains, the unit will go into standby mode. The Standby LED will light up
3. Turn on the unit by pressing "On/Standby" button (17). If the LCD display (8) is on with backlighting, it means the power supply is normal. Now the system is ready to play the music.

#### DC connection

For DC operation, please insert 8 pcs size C (UM-2) batteries into the battery compartment and remove the AC plug from AC the outlet then disconnect the AC cord from the AC socket.

Please remove any batteries from the unit whilst using DC power supply. It is recommended to remove any batteries from the unit if unit will not be used for a period of time.



## Setting the clock

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1. Set the unit to standby mode.
2. Press and hold the "Menu/Mem/clk-adj" button (12), the hour digit will flash on LCD display (8) Press the Skip down  (11) or Skip up  (19) button to set the correct hour. Press the "Menu/Mem/clk-adj" button (12) to store the hour then the minute digit will flash.
3. Press the Skip down  (11) or Skip up  (19) button to set the correct minutes.
4. Press "Menu/Mem/Menu/clk-adj" button (12) to store the correct hour.

- **The preset time will be reset completely if disconnecting the main power supply. You are recommended to switch the system into standby mode for convenient use.**
- **The clock will synchronize to RDS/DAB clock once receiving the RDS/DAB signal if the clock was not set in advance.**

## Listening to radio

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### Operation

#### Manual tuning

1. Turn on the unit by On/Off button (17) and then press the Function button (9) until it reaches the "FM" mode.
2. Press the Skip down  (11) or Skip up  (19) button to tune your desired station.
3. Adjust volume up/down button (14) for the desired volume level.

#### Auto tuning

1. Set the unit to FM mode.
2. Press the auto scan button (18) once; the unit will start to scan upwards until a radio station is received. Press tuning down button (11) once and then press the auto scan button (18), the unit will scan downwards. If the radio data system (RDS) broadcasting signal is received, the unit will set the actual time automatically.
3. Adjust volume knob (14) for the desired volume level

#### FM scan setting

After auto tuning if too many unwanted weak radio stations are received, you can select strong stations only by filtering out the weaker signals.

1. In FM mode, press "Menu/Mem/clk-adj" button (12) to enter the "Menu", then press Skip down  (11) or Skip up  (19) button to select "Scan setting".
2. Press "Stop/Enter" button (10) to enter the "Scan setting", then press Skip down  (11) or Skip up  (19) button to select "Strong station only". Then press "Stop/Enter" button (10) to confirm the setting.
3. Perform the auto tuning operation again as above.

#### FM & FM-stereo reception

- The unit will default to the FM mode in Mono. Thus, if FM stereo signal received, set the FM mode to Stereo by press Menu button (12), then press Skip down  (11) or Skip up  (19) button to select Audio setting, press Enter button (10) and press Skip down  (11) or Skip up  (19) again to select FM stereo, then press Enter button (10) to confirm. When stereo signals are weak and noisy. It is preferable to change the FM mode by the same procedure.

#### Hints for best reception: -

FM: the receiver has a rod antenna (6) at the rear cabinet. It should be totally extended for the best reception.

#### Radio data system (RDS)

This is the feature which displays the information released from the radio broadcast and will showed on the LCD display step by step as below by pressing the Play mode/info button (21) continuously.

Radio text → program type → frequency → mono/stereo → time → date

#### Digital audio broadcasting (DAB) radio

1. Set the unit to DAB mode by press Function button (9).
2. Press the Play/pause /Scan button (18) once; the unit will start a full scan from range 11b-12d. Press Skip down  (11) or Skip up  (19) button to select your desired DAB channel then press "Stop/Enter" button (10) to confirm the selected channel.
3. Press the Play mode/info button (21) continuously to check the below info released by DAB.  
Signal strength → program type → Group name → frequency → signal error → transfer rate → time → date
4. Adjust volume knob (14) for the desired volume level.

#### Dynamic range control

This apparatus provides three dynamic range modes to match different program types in DAB mode.

1. In DAB mode, press "Menu/Mem/clk-adj" button (12) to enter the "Menu", then press Skip down **⏮** (11) or Skip up **⏭** (19) button to select "DRC".
2. Press "Stop/Enter" button (10) to enter the "DRC" setting, then press Skip down **⏮** (11) or Skip up **⏭** (19) button to select "DRC high/low/off" mode. Then press "Stop/Enter" button (10) to confirm the setting.
3. In any state press "Menu/Mem/clk-adj" button (12) to quit the setting mode

#### **Preset stations**

You can store up to 20 radio stations in the memory (10-FM/10-DAB).

1. Set to FM/DAB mode
2. Turn to the desired radio station by "manual" or "auto" tuning method.
3. Press and hold the "Mem/clk-adj" button (12) to enable memory state.
4. Press Skip down **⏮** (11) or Skip up **⏭** (19) button to select the desired station memory for storage.
5. Press "Stop/Enter" button (10) to confirm the setting.
6. Repeat step 2 to 5 to store other stations.

#### **Recall preset stations**

1. Set to FM/DAB mode
2. Press Pre-up button (20) to recall the stored station.
3. Press Skip down **⏮** (11) or Skip up **⏭** (19) button to select the desired recall station.
4. Press "Stop/Enter" button (10) again to confirm the recall station.

#### **DAB/FM reset:**

If you would like to erase all the FM/DAB stations stored.

1. Set in DAB or FM mode, press "Menu/Mem/clk-adj" button (12) to enter the "Menu", then press Skip down **⏮** (11) or Skip up **⏭** (19) button to select "System".
2. Press "Stop/Enter" button (10) to enter the "System" setting, then press Skip down **⏮** (11) or Skip up **⏭** (19) button to select "Factory reset". Then press "Stop/Enter" button (10) to confirm the factory reset.
3. Apparatus will then erase all the stored stations.

#### **Playing CD/MP3 disc**

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##### **● Getting started**

1. Press the Function button (9) to select CD mode.
2. Open the CD door by pressing the CD door open/close (7). Put a CD disc into the compartment and close the CD door.
3. A search is performed if a disc is inside. Total number of tracks is read.

##### **● Play/pause mode **▶||****

1. If Play/Pause **▶||** button (18) is pressed during stop mode, the first track will be played.
2. If Play/Pause **▶||** button (18) is pressed during playback, the system will go into pause mode and the pause indicator will light up in the LCD display (8). Press again to resume normal playback.

##### **● Stop mode **■****

1. If Stop **■** button (10) is pressed during play or pause mode. The unit will go into stop mode and display the total number of track in the LCD display (8).

##### **● Skip mode (skip up **▶▶|**/skip down **⏮**)**

1. During play mode, if skip up **▶▶|** button (19) is pressed it will go to next track and display the track number.
2. During play mode, if Skip down **⏮** button (11) is pressed, it will go back to the beginning of the track, same track number.
3. After step 2, press skip down **⏮** button (11) again, it will go to the previous track and play the beginning of the track.

##### **● CD bookmark feature**

This unit has a CD bookmark feature, which allows you to resume the CD playback from the exact point that it was suspended from an unexpected power off or change of mode. Just power on the unit, and switch to CD mode, the CD will resume the playback from the previous point.

##### **● For MP3 disc/file**

1. Place the MP3-CD in the CD compartment. After a search is performed the total number of tracks will be shown on the LCD display (8).
2. Press Skip up **▶▶|** or Skip down **⏮** (11/19) button to select the track number.
3. When the desired track and album is being selected, press the "Play/Pause **▶||**" button (18) to start playback.
- 4.

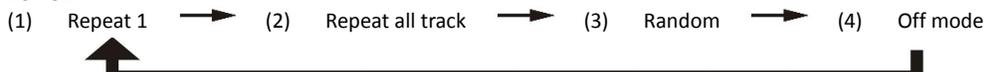
##### **Remark**

- Press "Folder up **▲**" button (20) on the main unit to select the MP3 folder upwardly.
- The track number will display on the LCD (8) and then it will play that track when you press Play/Pause **▶||** button (18).

##### **● Repeat/Random mode**

Press the "Play mode" button (21) during playback to select repeat and random functions, a single track, single folder (MP3 only) or all the tracks can be played in different modes as follows: -

#### For CD



Play mode	Indicator on LCD display
Repeat track	Rep 1
Repeat all	Rep A
Random	Rand
Off mode	-----

#### For MP3 disc/file



Play mode	Indicator on LCD display
Repeat single track	Rep 1
Repeat single folder	Rep F
Repeat all tracks	Rep A
Random	Rand
Off mode	-----

#### ● Repeat play

You can listen to the desired tracks or folder repeatedly by using this function.

#### ● Random play

You can listen to all the tracks in a random order by using this function

#### CD/MP3 disc programming

Up to 20 tracks can be programmed for disc play in any order. Before use, be sure to press the stop button.

1. Set in CD mode.
2. Press the Memory button (12), "P01&T000" will appear on LCD display (8).
3. Select a desired track by using the Skip up▶▶/Skip down◀◀ buttons (19/11).
4. Press the Memory button (12) to enter the track into the memory.
5. Repeat steps 3 and 4 to enter additional tracks into the memory if necessary.
6. When all the desired tracks have been programmed, press "Play/Pause ▶||" button (18) to play the disc in the order you have programmed.
7. Press "Stop ■" button (10) to terminate program play.
  - Press "Stop ■" button twice (10) at CD stop mode to cancel all programmed memory until the "Prog" indicator disappear on LCD display (8).
  - For MP3 disc/file, press the "Folder up" button (20) to select the 1<sup>st</sup> track of next folder directly and hence to speed up the song selection.
  - The programming mode will automatically stop if no button is being pressed in a period of about 30 seconds after pressing the Memory button (12).

#### Remark: -

MP3 track format requirement: -

- Bit rate: 32 kbps~320kbps, sampling rate: 32kHz, 44.1kHz and 48 kHz decodable
- The performance of playing MP3 disc is dependent on the quality of the recording disc and the method of recording. Furthermore, the searching lead-time for MP3-CD is longer than normal CD due to the different format.

#### Playback of MP3 song via USB storage media

##### Connecting

The system is able to decode and playback all MP3 files which are stored in memory media using the USB port.

1. Set the system to Standby mode first or any other function except USB mode.
2. Plug-in the USB pen-drive with the face up and make sure its fully inserted.
  - **Connecting the USB pen-drive upside down or backwards could damage the audio system or the storage media. Check to be sure the direction is correct before connection.**
3. Turn on the unit again by On/off button (17) and set press Function button (9) to select USB mode. The system will start

reading the storage media automatically after connecting, and LCD display (8) will show the total number of MP3 files being detected.

4. Repeat the same playback procedure as playing CD/MP3 disc as above.

#### Remark

- The system can detect and read the files under MP3 format only in USB mode but not other music file formats.
- **If you connect the system to an MP3 player via the USB socket, due to variances in file system formats, some MP3 players may not be able to play via the USB socket. This is not a malfunction of the system.**
- **The USB port does not support connection with a USB extension cable and is not designed for communication with computer.**
- **Due to ERP stage two requirements and to protect the environment (for European market only). The unit will switch to standby mode automatically if no music is detected playing for over 15 minutes.**

#### Removing of USB

To remove the USB stick, turn off the power or switch the function mode to either cd or tuner mode first, then un-plug it by pulling out the USB socket directly

#### Bluetooth connecting and playback

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1. Press the Function button (9) to select "BT / AUX" mode.
2. If the Aux-in jack is not connected, the system will switch to BT mode automatically and "BT" with the flashing of "Pairing" will be shown on the LCD display (8). It means the Bluetooth is in searching mode.
5. Switch on the Bluetooth feature of your Bluetooth device (such as mobile phone) and select "GV-PS933" Bluetooth equipment to connect.
6. Once connected successfully, the LCD display (8) will show "BT Connected". Start playback from your Bluetooth device and enjoy the music.
7. Adjust the Volume Up/Down button (14) to desired volume level.
8. To disconnect the Bluetooth connection, turn off the Bluetooth feature of your Bluetooth device. The LCD display will show "BT" with the flashing of "Pairing" for pairing of a new device or switch off the unit.

#### Listening to tape

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##### General operation

- |                                    |   |
|------------------------------------|---|
| Stop/eject key                     | press to stop all deck operation. Press again to open the cassette door.  |
| Fast forward key & Fast rewind key | press to start rapid tape winding in either forward or reverse direction. Press stop/eject key, the cassette spools stop turning. |
| Play key                           | press to start playing tape.  |
| Pause key                          | press to stop tape operation temporarily. Press again to resume play.   |

##### Playback

- Select "Tape" by Function button (9)
- Put in the cassette tape.
- Press play key ► to active playback
- Adjust the Volume up/down control (14) to the desired level.
- Use pause key || when you want to stop playback temporarily.
- Press stop/eject key ■▲ when finished.

#### More features

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##### A. Alarm clock setting

This function allows the system to turn on automatically and wake you up to CD, FM/DAB, buzzer or USB mode. Set the system to standby mode, then press and hold the "Timer" key to enter the Timer setting mode, LCD will show Timer On time, Moreover, the timer clock will flash the hour digit, this means the unit is all ready to enter timer setting mode.

- 1) On time setting : Press the skip up ►►► or down ◀◀◀ (19/11) to set the hour. Then press Timer button (13) to store the timer starting hour, minute digit will flash, press skip up ►►► or down ◀◀◀ (19/11) to set the minute. Then press Timer button (13) to store the timer on time
- 2) Off time setting : After above step, the LCD will show "Timer Off" and hour digit was flashing. Press skip up ►►► or down ◀◀◀ (19/11) to set the hour. Then press Timer button (13) to store the timer off hour, minute digit will flash, press skip up ►►► or down ◀◀◀ (19/11) to set the minute. Then press Timer button (13) to store the timer off time
- 3) Mode : Then press skip up ►►► or down ◀◀◀ (19/11) to select timer on mode. Then press Timer button (13) to store the timer on mode. Press skip up ►►► or down ◀◀◀ (15/21) to select timer on volume level and press Timer button (13) to complete the timer setting. The Unit will return to standby mode and the display will show the timer icon "⌚".

### Active/de-active timer function (In standby mode only)

1. To active timer function, press the "Timer" button once the timer indicator "⌚" will appear in the LCD display (2).
2. To cancel timer function, press "Timer" button again the timer indicator "⌚" will disappear.

#### Remark: -

- If there is no music source being detected (CD or USB) when the preset time is reached, system will default to "FM" function for wake-up mode automatically. The system will preset to the last radio frequency being listened too before switching off.
- For FM/DAB wake up, the system will preset to the last radio frequency being listened too before switching off.
- If wake up to buzzer is selected, the unit will emit a "beep beep" sound at the selected time.
- There are about 4 seconds for the alarm setting mode, this system will return to normal mode automatically if no keys are being pressed in this time frame.
- During the alarm on mode, pressing the "On/off" button (17) will switch off the system.
- Due to display size limitation, timer icon "⌚" will not appear on LCD during operating in FM/DAB mode

### B. Aux-in connection

Connect the unit to other devices by connecting the Aux in jack (2) with a 3.5mm cable (not provided) and the other end connect to the external device such as Discman/MP3 player to perform the music playback or encoding function etc.

- 1) Select the "BT / AUX" mode by pressing the function button (9) and the unit will automatically switch to "AUX IN" mode as long as the Aux-in cable is connected
- 2) Adjust the Volume Up/Down button (14) to desired volume level.
- 3) Start to play your external device.

### C Using Headphones

Inserting the plug of your headphones into the Headphone jack will enable you to listen in private.

#### READ THIS IMPORTANT INFORMATION BEFORE USING YOUR HEADPHONES

- 1) Avoid extended play at very high volume as it may impair your hearing.
- 2) If you experience ringing in your ears, reduce the volume or shut off your unit.
- 3) Keep the volume at a reasonable level to allow you to hear outside sounds.

### SPECIFICATION

AC POWER	AC 230V ~ 50Hz
RADIO FREQUENCY	FM 87.5 – 108 MHz
OUTPUT POWER	2 X 2W RMS

**NOTE: Due to ERP stage two requirements and to protect the environment, the unit will switch to standby mode automatically if no music is playing after 15 minutes.**

### SERVICE & SUPPORT

If your item is not performing as expected, please contact your original point of purchase (ensure that you have your warranty or proof of purchase available).

Should you need further assistance, please contact us directly: [info@groov-e.co.uk](mailto:info@groov-e.co.uk)

The warranty period is 12 months from date of purchase.

### INSTRUCTIONS ON ENVIRONMENT PROTECTION



DO NOT DISPOSE OF THIS PRODUCT IN THE USUAL HOUSEHOLD WASTE AT THE END OF ITS LIFECYCLE, HAND IT OVER AT A COLLECTION POINT FOR THE RECYCLING OF ELECTRICAL AND ELECTRONIC APPLIANCES. THE SYMBOL ON THE PRODUCT, THE INSTRUCTIONS FOR USE OR THE PACKING WILL INFORM YOU ABOUT THE METHODS FOR DISPOSAL. THE MATERIALS ARE RECYCLABLE AS INDICATED BY THE SYMBOL ON THE LEFT.

BY RECYCLING, MATERIAL RECYCLING OR OTHER FORMS OF RE-UTILIZATION OF OLD APPLIANCES, YOU ARE MAKING AN IMPORTANT CONTRIBUTION TO PROTECT OUR ENVIRONMENT. PLEASE CONTACT YOUR LOCAL COUNCIL FOR THE AUTHORIZED DISPOSAL LOCATION AND RECYCLING FACILITIES.

**groov**▶▶**e**

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