

MPU130BT MKII

USER GUIDE

H11320 - Version 1 / 02-2022

1 - Safety information

Important safety information



This unit is intended for indoor use only. Do not use it in a wet, or extremely cold/hot locations. Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to this product or other property.



Any maintenance procedure must be performed by a CONTEST authorised technical service. Basic cleaning operations must thoroughly follow our safety instructions.



This product contains non-isolated electrical components. Do not undertake any maintenance operation when it is switched on as it may result in electric shock.

Symbols used



This symbol signals an important safety precaution.



The WARNING symbol signals a risk to the user's physical integrity. The product may also be damaged.



The CAUTION symbol signals a risk of product deterioration.

Instructions and recommendations

1 - Please read carefully :

We strongly recommend to read carefully and understand the safety instructions before attempting to operate this unit.

2 - Please keep this manual :

We strongly recommend to keep this manual with the unit for future reference.

3 - Operate carefully this product :

We strongly recommend to take into consideration every safety instruction.

4 - Follow the instructions:

Please carefully follow each safety instruction to avoid any physical harm or property damage.

5 - Avoid water and wet locations :

Do not use this product in rain, or near washbasins or other wet locations.

6 - Installation :

We strongly encourage you to only use a fixation system or support recommended by the manufacturer or supplied with this product. Carefully follow the installation instructions and use the adequate tools.

Always ensure this unit is firmly fixed to avoid vibration and slipping while operating as it may result in physical injury.

7 - Ceiling or wall installation :

Please contact your local dealer before attempting any ceiling or wall installation.

8 - Ventilation :

The cooling vents ensure a safe use of this product, and avoid any overheating risk. Do not obstruct or cover these vents as it may result in overheating and potential physical injury or product damage. This product should never be operated in a closed non-ventilated area such as a flight case or a rack, unless cooling vents are provided for the purpose .

9 - Heat exposure :

Sustained contact or proximity with warm surfaces may cause overheating and product damages. Please keep this product away from any heat source such as a heaters, amplifiers, hot plates, etc...

CAUTION

RISK OF ELECTRIC SHOCK

DO NOT OPEN

WARNING : This unit contains no user-serviceable parts. Do not open the housing or attempt any maintenance by yourself. In the unlikely even your unit may require service, please contact your nearest dealer.

In order to avoid any electrical malfunction, please do not use any multi-socket, power cord extension or connecting system without making sure they are perfectly isolated and present no defect.

Sound levels

Our audio solutions deliver important sound pressure levels (SPL) that can be harmful to human health when exposed during long periods. Please do not stay in close proximity of operating speakers.

Recycling your device

- As HITMUSIC is really involved in the environmental cause, we only commercialise clean, ROHS compliant products.
- When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

10 - Electric power supply :

This product can only be operated according to a very specific voltage. These information are specified on the label located at the rear of the product.

11 - Power cords protection:

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at lugs, convenience receptacles and the point where they exit from the fixture.

12 - Cleaning precautions :

Unplug the product before attempting any cleaning operation. This product should be cleaned only with accessories recommended by the manufacturer. Use a damp cloth to clean the surface. Do not wash this product.

13 - Long periods of non use :

Disconnect the unit's main power during long periods of non use.

14 - Liquids or objects penetration :

Do not let any object penetrate this product as it may result in electric shock or fire. Never spill any liquid on this product as it may infiltrate the electronic components and result in electric shock or fire.

15 - This product should be serviced when :

Please contact the qualified service personnel if :

- The power cord or the plug has been damaged.
- Objects have fallen or liquid has been spilled into the appliance.
- The appliance has been exposed to rain or water.
- The product does not appear to operate normally.
- The product has been damaged.

16 - Inspection/maintenance :

Please do not attempt any inspection or maintenance by yourself. Refer all servicing to qualified personnel.

17 - Operating environment :

Ambient temperature and humidity: +5 - +35°C, relative humidity must be less than 85% (when cooling vents are not obstructed).

Do not operate this product in a non-ventilated, very humid or warm place.



2 - Our advices

2.1 - Compact disks

a - Handling precautions

Please protect the disks in order for dust, fatty deposits and fingerprints not to damage them.

However, if one of your disks is dirty please rub it gently with a dry cloth.

Do not use alcohol, any solvent, antiseptic liquids or silicone-coated clothes.

Handle your disk with precaution and protect its surface, especially while getting it out of its case.

Do not bend the disk.

Do not heat it.

Do not enlarge the hole at the center of the disk.

Do not write on the screenprinted part of the CD.

In the event of the appearance of condensation due to important temperature changes, please let your CD dry without using any heat source.

b - Storage precautions

Always eject the disk when you are not using it.

Store your disks in the case provided for the purpose, protected from dust and shocks.

Do not store your CDs in places:

- Exposed to sunlight.
- Subject to the accumulation of dust and humid.
- Near heat sources (radiator...).

3 - Main characteristics

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| <ul style="list-style-type: none"> • CD/Mp3 player with anti-shock memory (AVM System) • USB player with USB Mass Storage plug (FAT32, 16 Go max.) • SD and SDHC player (16Go max) • Output level adjustment • AM and FM tuner with autoscan and 10 recordable stations • Browse through menus and tracks • Supplied with an infrared remote control • Customisable or random playlist | <ul style="list-style-type: none"> • RCA Unbalanced output(-10dB) • Remote control functions: • Source selection (CD, USB, SD, BT or Tuner) • Play, Pause, Skip, Search • Program, Random and Repeat functions • Folder and track selection • Customisable and recordable stations • Mute • CD Eject |
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4 - Technical specifications

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|--|---|
| <ul style="list-style-type: none"> • Power supply: 230 V AC - 50 Hz ou DC 13,2V • Power consumption: 26W | <ul style="list-style-type: none"> • Player dimensions: 482 x 44 x 275 mm (19" - 1 unit) • Weight: 3.4 kg |
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5 - Preparation and installation

5.1 - Checking the contents

The package must contain the following articles:

- The MPU130BTMKII
- An infrared remote control
- The user guide
- A double RCA cable
- An antenna set (AM and FM)
- 1 power cord.

5.2 - Installing the unit

a - Set up the MPU130BTMKII over a flat surface or within racks.

b - Please make sure the unit is installed in a properly ventilated place, unexposed to sunlight rays, excessive temperatures or humidity.

CAUTION:

This device can be safely operated when placed on a flat surface not exceeding a 15° slope. Using this player on excessively steep surfaces might result in the ejection, deterioration or impossibility to read your disks.

The LCD display was designed to be read easily when you are in front of the player. Please set up the unit in order for the display to be clearly visible.

5.3 - Connecting the unit

a - Turn the unit off (unplug it).

b - Connect the RCA cable to one of the inputs of your mixing desk.

CAUTION:

Please use the cables supplied. Using other types of cables might cause severe damages to the unit. Please make sure the device is OFF before connecting any sources in order to prevent severe damages.

6 - Compatible medias

6-1 - Compact disks

The MPU130BTMKII is able to read several media formats:

- MP3
- WMA
- CDA

When using the CDA format, please note that the CD containing the CDA files cannot use any other kind of files as CDA files cannot be mixed up with MP3 or WMA files on the same support.

The MP3-Pro, MP4, Wave (etc.) formats are not supported by this system.

Please only use MP3, WMA or CDA files on your disks as other formats might damage your device.

We strongly recommend to use high-quality medias, recorded at low speed.

Notes:

- Some CD-R/CD-RW recorded via CD writer might not be readable for many reasons such as the disk characteristics, scratches, stains, condensation etc.
- Some disks might also be impossible to read if recorded via CD writer due to the parameters of the operating systems. Please make sure to format your disks correctly before rewriting. For more details, please read the user guide supplied with your CD

writer.

- This device cannot read partially recorded or not finalised CD-R or CD-RW.
- For more information about handling CD-R/CD-RW, please consult the safety precautions supplied with each disk.

About CD-R/RW

Due to the very particular structure of CD-R/CD-RW disks, they should not be let in Pause mode at a precise point, as it may result in difficulties to resume the playing.

As a result, we strongly recommend you to use archive desks to save your most important files.

About DualDisc

This product was designed to comply with the music CD regulations. However, performances and flawless reading are not guaranteed if you are using non-compliant CDs.



6-2 - USB supports and SD cards

The MPU130BTMKII is able to read files stored on USB supports such as USB keys , USB hard disks, or any other type of devices compatible with the USB Mass Storage norm.

Your device can read the following formats stored on USB support:

- MP3 (VBR or CBR) up to 320kb/s
- WMA (same characteristics)

Your disks must be FAT-formatted to be compatible with the MPU130BT. The Mpu130 is unable to read contents via supports with different formats (NTFS, ...).

Please note that some FAT devices might present compatibility issues due to specific commands or functions they might offer.

That is why we strongly recommend to test the compatibility of a device with the MPU130BTMKII before acquiring it.

The MPU130BTMKII powers up USB keys and HDD USB-connected.

However, some disks or keys might require a power supply unit delivering more power than the MPU130BT. We strongly recommend to use these devices with their external power supply unit in order to prevent any kind of problems or damages.

The USB port of the MPU130BTMKII is a USB Mass Storage port. It cannot be used to read audio fluxes such as the USB Audio codec under any circumstances. The MPU130BT is therefore not compatible with the devices uses such fluxes such as computers, portable players, USB microphones, etc.

The SD card slot has the same file properties and restrictions as the USB port. SD HC can be used with the MPU130BT, subject to not exceed a maximum size of 16 Gb.

6-3 - Playing MP3/WMA files

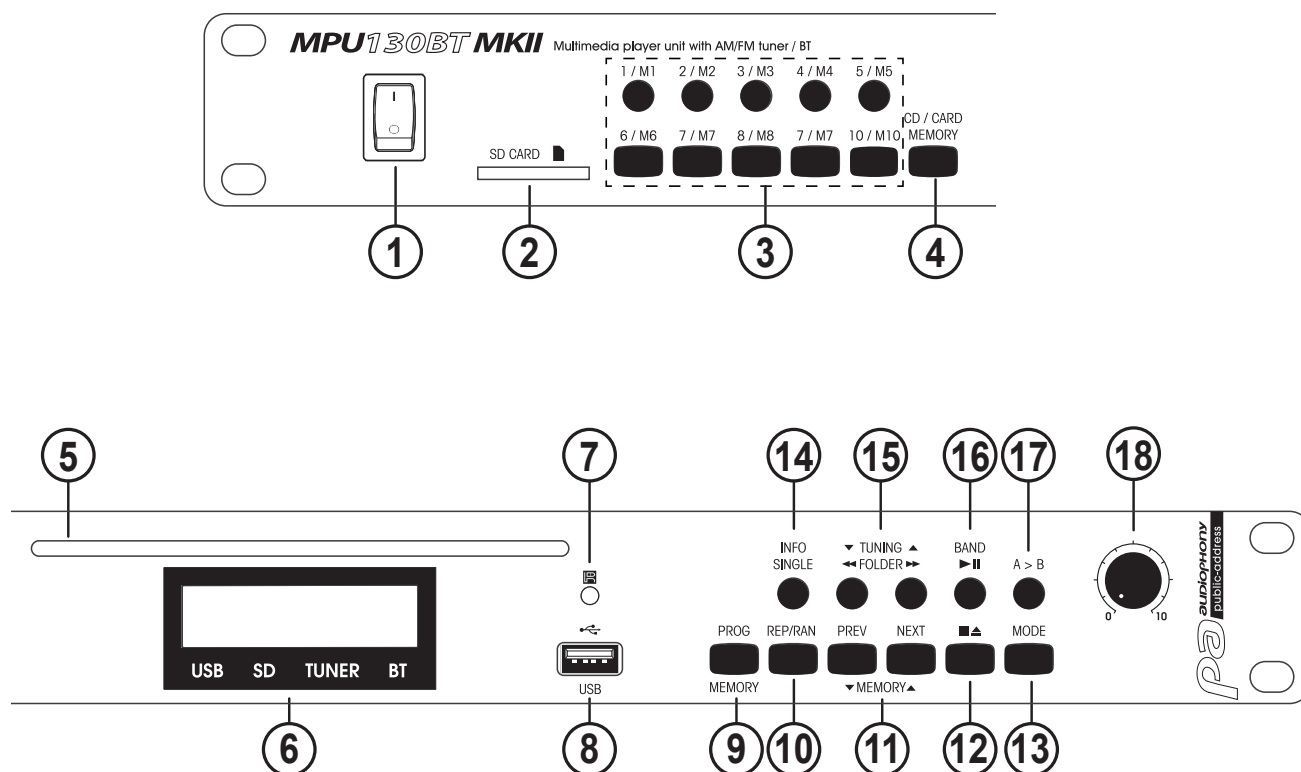
MP3 files may have two formats: Constant bitrate (CBR) and Variable bitrate (VBR). The MPU130BTMKII the reading and DJ reading of both CBR and VBR MP3 files. However, you might notice that the super-fast search speeds are slower for VBR files, in comparison with CBR files. As a result, if speed is an important factor to you, we recommend to use MP3 files in the CBR format. The MP3 files must meet the following criterias indicated below:

MP3 Format	MPEG-1	Compatible with the Audio Layer-3 sampling rate from 32 kHz, 44,1 kHz, 48 kHz; Bit rate: 32 Kbps at 320 Kbps.
	MPEG-2	Compatible with the Audio Layer-3 sampling rate from 16 kHz, 22,05 kHz, 24 kHz, Bit rate: 16 Kbps (stereo) a 160 Kbps.
	ID3 Label	Compatible with the ID3 Versions 1.0/1.1/2.2/2.3/2.4. Indicates the title, album, artist, and genre. Alphanumeric characters and some symbols only can be displayed.
	File extension	.mp3, .MP3, .mP3, .Mp3
WMA Format	File extension	.wma, .WMA



7 - Description of the front and rear panels

7.1 - Front panel



[1] POWER switch

Turns the unit ON/OFF.

[2] SD Port

This SD port allows you to insert your SD or SDHC card. Please only use FAT32-formatted, compatible devices.

[3] 1 to 10 memory buttons

Allows you to directly access one of the CD player (or current folder) track. In Tuner mode, allows you to quickly access the preset frequencies. To save one of these frequencies, press and hold the corresponding button until the button number appears at the top right of the screen.

[4] CD / CARD MEMORY Button

Allows you to create playlists. Press the PROG button of your player or remote control. The display will indicate "PROG". Select the files you want to insert with the FOLDER and SKIP buttons. Once the files have been chosen, press CD/CARD MEMORY. Repeat these steps for each file you want to add to your playlist. Press PLAY to launch a playlist.

[5] CD Slot

Allows you to insert/eject your CD.

[6] LCD Screen

Displays information about tracks or the current status of the player.

[7] Infrared sensor

Allows you to receive informations sent via the remote control.

[8] USB Port

This USB port allows you to insert a Mass Storage device (key or HDD). Please only use FAT32-formatted, compatible devices.

[9] PROG MEMORY Button

In SD/USB/CD mode:

This button allows you to create your playback programs. To create your playlist, press the PROG button on your player or remote control. PROG will appear on the screen. Select your files to play with the FOLDER and SKIP buttons. Once you've selected a file, press the ENTER button. Repeat for each file you want to add to the list. Press PLAY to begin program playback.

In RADIO mode:

This button is used to store radio stations. Select a station using the ▼ TUNING ▲ buttons, then press the MEMORY button and then press one of the memory buttons M1 to M10.



[10] REP/RAN Button

This key is used to switch between the different repeat playback modes. These modes are shown on the display:

- REPEAT ONE: The current song is repeated infinitely
- REPEAT ALL : The current media content is repeated infinitely
- RANDOM ON : The content of the current folder is played randomly
- RANDOM OFF : Playback returns to normal mode

[11] PREV/NEXT/ ▼ MEMORY ▲ keys

In SD/USB/CD mode:

These keys allow you to move from one song to another.

With an audio CD, by holding these keys to fast forward/backward through the current song.

In RADIO mode:

These keys allow you to move from one stored station to another.

[12] STOP/EJECT Button

Allows you to stop the current track and eject the CD from the player. When using a USB key or SD card, please always press this button before removing the media from its slot.

[13] Source selection

Allows you to switch from a source to another:

- USB
- SD
- CD
- Tuner
- Bluetooth

Press this button several times to switch from a source to another.

To connect a Bluetooth source, switch to Bluetooth mode and search your Bluetooth device for a device named BLUE. Then connect this device. Playback controls are performed from your Bluetooth source device.

[14] INFO / SINGLE Button

In SD/USB/CD mode:

Allows you to limit playback to a single song.

In RADIO mode:

Allows you to view information about the operation of the radio.

[15] TUNING / FOLDER Button

In SD/USB/CD mode:

Allows you to move from one directory to another.

In RADIO mode:

Use these keys in TUNING (radio) mode to change the reception frequency. Press and hold for fast scrolling and automatic stop at the next reception.

[16] BAND / PLAY/PAUSE Button

In SD/USB/CD mode:

Use this button to play or pause the unit.

In RADIO mode:

Use this button to switch between AM and FM bands.

[17] A→B Buttons

This key is used to create loops. A first press defines the start of the loop, the next press gives the end of the loop.

[17] SKIP Buttons

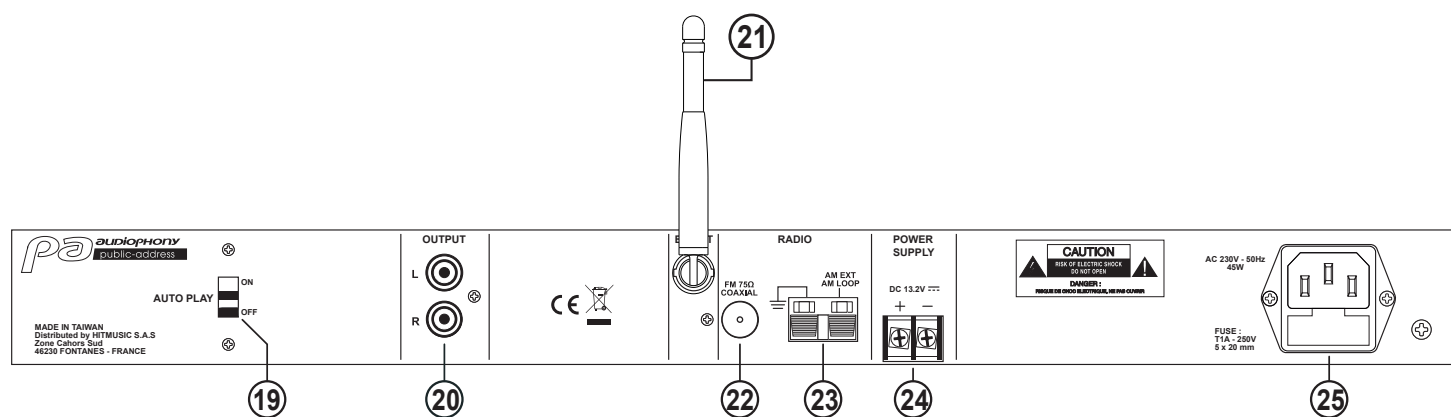
Allow you to select a file within a folder, or select a track on an Audio CD.

[18] Volume control knob

Allows you to increase/decrease the volume of your device.



7.2 - Rear panel



[19] AUTO PLAY switch

When it is set to ON, it automatically starts the playback when the power is turned on.

[20] Unbalanced outputs

These RCA send an analogue, unbalanced signal (-10 dB) to your sound system.

[21] Bluetooth antenna

[22] FM Antenna connector

Connect your FM antenna cable here.

[23] AM Antenna connector

Connect your AM loop antenna here.

[24] 13.2 V DC power supply

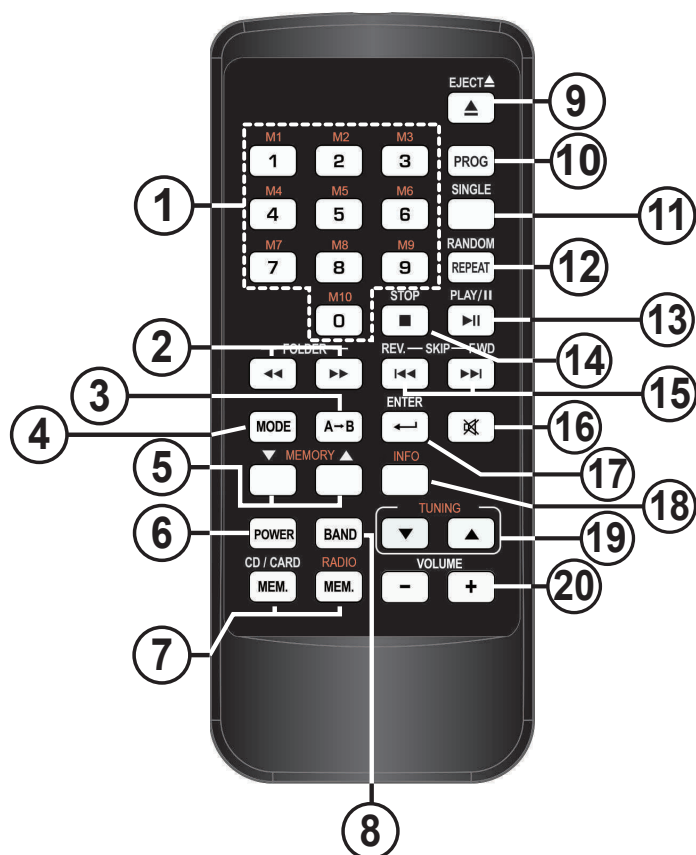
The MPU130BT can use a 12 V DC power supply unit connected to this socket.

[25] 220 V AC power supply

Connect here the supplied 220V power cord.

Note: this connector contains a fuse. If need to replace the fuse, please only replace it by a new one with the exact same characteristics.

7.3 - Remote control



[1] 1 to 10 memory buttons

Allows you to directly access one of the CD player (or current folder) track. In Tuner mode, allows you to quickly access the preset frequencies.

[2] FOLDER Buttons

Allow you to move from a folder to another. Folders are numbered by alphabetical order. When using an Audio CD, these buttons allow you to search a specific time within the current track.

[3] A→B Buttons

This key is used to create loops. A first press defines the start of the loop, the next press gives the end of the loop.

[4] Source selection

Allows you to switch from a source to another:

- USB
- SD
- CD
- Bluetooth
- Tuner

[5] MEMORY Button

Allows you to add a frequency to the customisable frequencies of your device (M1-M10). Press the MEMORY button then the corresponding M button to save the current frequency.

[6] POWER Button

Turns the MPU130BT MKII on and off.

[6] EJECT Button

Press here to eject the CD.

[7] MEM buttons

In SD/USB/CD mode:

This button allows you to create your playback programs. To create your playlist, press the PROG button on your player or remote control. PROG will appear on the screen. Select your files to play with the FOLDER and SKIP buttons. Once you've selected a file, press the ENTER button. Repeat for each file you want to add to the list. Press PLAY to start program playback.

In RADIO mode:

This button is used to store radio stations. Select a station using the ▼ TUNING ▲ buttons, then press the MEMORY button and then press one of the memory buttons M1 to M10.

[8] BAND Button

Use this button to switch between AM and FM bands.

[9] EJECT Button

Use this button to eject the CD from the player.

[10] PROG Button

Allows you to create playlists. Press the PROG button of your player or remote control. The display will indicate "PROG". Select the files you want to insert with the FOLDER and SKIP buttons. Once the files have been chosen, press ENTER. Repeat these steps for each file you want to add to your playlist. Press PLAY to launch a playlist.

[11] SINGLE Button

Allows you to limit playback to a single song.

[12] REPEAT / RANDOM button

This key is used to switch between the different repeat playback modes. These modes are shown on the display:

- REPEAT ONE: The current song is repeated infinitely
- REPEAT ALL : The current media content is repeated infinitely
- RANDOM ON : The content of the current folder is played randomly
- RANDOM OFF : Playback returns to normal mode

[13] PLAY/PAUSE Button

Allows you to play/pause the current track.

[14] STOP Button

Allows you to stop the current track and eject the CD from the player. When using a USB key or SD card, please always press this button before removing the media from its slot.

[15] SKIP Buttons

Allow you to select a file within a folder, or select a track on an Audio CD.

[16] MUTE Button

Allows you to interrupt the audio output without pausing the current track. Press this button to activate/deactivate this function.

[17] ENTER Button

Allows you to confirm your choice.

[18] INFO Buttons

In radio mode, this key displays information on the operation of the radio.

[19] TUNING Buttons

In Tuning mode (radio), use these buttons to modify the receiving frequency. Hold this button to automatically jump to the next available station.

[20] VOLUME Buttons

These keys are used to increase or decrease the output volume.

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