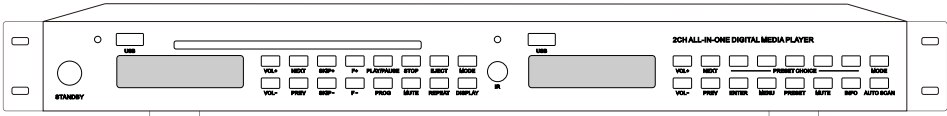**SURPASS**

User Manual

2CH ALL-IN-ONE DIGITAL MEDIA PLAYER

CE RoHS COMPLIANT

SAFETY PRECAUTIONS

※ Be sure to read the instructions in this section carefully before use.

※ Make sure to observe the instructions in this manual as the conventions of safety symbols

and messages regarded as very important precautions are included.

※ We also recommend you keep this instruction manual handy for future reference.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

When Installing the Unit

※ Do not expose the unit to rain or an environment where it may be splashed by water or other

liquids,as doing so may result in fire or electric shock.

※ Use the unit only with the voltage specified on the unit. Using a voltage higher than that which is

specified may result in fire or electric shock.

※ Do not cut, kink, otherwise damage nor modify the power supply cord. In addition, avoid using the

power cord in close proximity to heaters, and never place heavy objects -- including the unit itself -- on

the power cord, as doing so may result in fire or electric shock.

※ Be sure to replace the unit's terminal cover after connection completion. Because high voltage is

applied to the speaker terminals, never touch these terminals to avoid electric shock.

※ Be sure to ground to the safety ground (earth) terminal to avoid electric shock. Never ground to a

gas pipe as a catastrophic disaster may result.

※ Avoid installing or mounting the unit in unstable locations, such as on a rickety table or a slanted

surface. Doing so may result in the unit falling down, causing personal injury and/or property damage.

When the Unit is in Use

※ Should the following irregularity be found during use,immediately switch off the power,disconnect the power supply plug from the AC outlet and contact your nearest dealer.Make no further attempt to operate the unit in this condition as this may cause fire or electric shock.

·If you detect smoke or a strange smell coming from the unit.

·If water or any metallic object gets into the unit.

·If the unit falls, or the unit case breaks.

·If the power supply cord is damaged (exposure of the core, disconnection, etc.)

·If it is malfunctioning (no tone sounds.)

※ To prevent a fire or electric shock, never open nor remove the unit case as there are high voltage components inside the unit. Refer all servicing to your nearest dealer.

※ Do not place cups, bowls, or other containers of liquid or metallic objects on top of the unit. If they accidentally spill into the unit, this may cause a fire or electric shock.

※ Do not insert nor drop metallic objects or flammable materials in the ventilation slots of the unit's cover, as this may result in fire or electric shock.

CAUTION

When Installing the Unit

※ Never plug in nor remove the power supply plug with wet hands, as doing so may cause electric shock.

※ When unplugging the power supply cord, be sure to grasp the power supply plug; never pull on the cord itself. Operating the unit with a damaged power supply cord may cause a fire or electric shock.

※ When moving the unit, be sure to remove its power supply cord from the wall outlet.

Moving the unit with the power cord connected to the outlet may cause damage to the power cord, resulting in fire or electric shock. When removing the power cord, be sure to hold its plug to pull.

※ Do not block the ventilation slots in the unit's cover.

Doing so may cause heat to build up inside the unit and result in fire.

※ Avoid installing the unit in humid or dusty locations,in locations exposed to the direct sunlight, near the heaters,or in locations generating sooty smoke or steam as doing otherwise may result in fire or electric shock.

When the Unit is in Use

※ Do not place heavy objects on the unit as this may cause it to fall or break which may result in personal injury and/or property damage.In addition,the object itself may fall off and cause injury and/or damage.

※ Make sure that the volume control is set to minimum position before power is switched on.

Loud noise produced at high volume when power is switched on can impair hearing.

※ Do not operate the unit for an extended period of time with the sound distorting.

This is an indication of a malfunction, which in turn can cause heat to generate and result in a fire.

※ Contact your dealer as to the cleaning. If dust is allowed to accumulate in the unit

over a long period of time, a fire or damage to the unit may result.

※ If dust accumulates on the power supply plug or in the wall AC outlet, a fire may result.

Clean it periodically. In addition, insert the plug in the wall outlet securely.

※ Switch off the power, and unplug the power supply plug from the AC outlet for safety purposes when cleaning or leaving the unit unused for 10 days or more.

Doing otherwise may cause a fire or electric shock.

LIMITED WARRANTY

We warrant that the hardware products it manufactures will be free from defects in materials and workmanship.

The warranty term,beginning on the date of invoice,is one year for Parts replacement,two years for parts repair and six months on accessories.

This warranty does not cover damage or failure caused by alterations, mishandling, abuse, misuse, neglect, accident or resulting from any cause other than a product defect.

In case of defects in material and workmanship under normal use and conditions,we will replace or repair products covered under this limited warranty that are returned to our facility.

To request warranty service, you must contact our international sales team within the warranty period, ship the products back to us in their original or equivalent packaging (freight prepaid). If we repair or replace a product, its warranty term is not extended.

DISCLAIMER

Information contained in this manual is subject to change without prior notice and does not represent a commitment on the part of the vendor. We shall not be liable for any loss or damages whatsoever arising from the use of information or any error contained in this manual.

It is recommended that all services and repairs on this product be carried out by us or its authorized dealer.

This product must only be used for the purpose it was intended by the manufacturer and in conjunction with this operating manual.

We cannot accept any liability whatsoever for any loss or damages caused by service,maintenance or repair by unauthorized personnel,or by use other than that intended by the manufacturer.

Thank you for purchasing **the 2CH All-In-One Digital Media Player.**

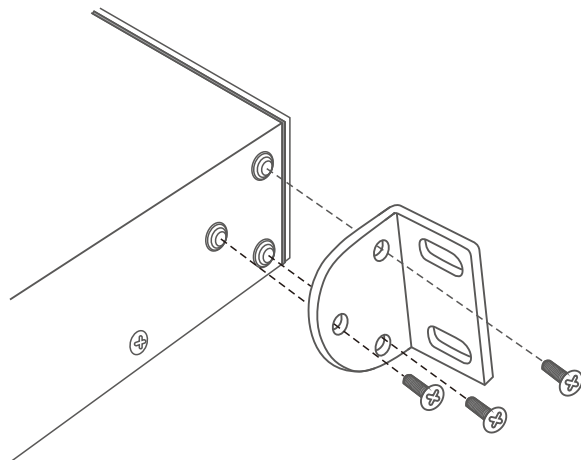To ensure long and trouble-free use of the equipment,please read all instructional materials provided with the unit.

Package Contents

Media Player………………………………………………………………1

User Manual………………………………………………………………1

Remote Control …………………………………………………………1

Rack Ear……………………………………………………………………2

AM Antenna………………………………………………………………1

DAB+/FM(RDS) Antenna…………………………………………………1

Bluetooth Antenna………………………………………………………1

Audio Cable (RCA) ………………………………………………………2

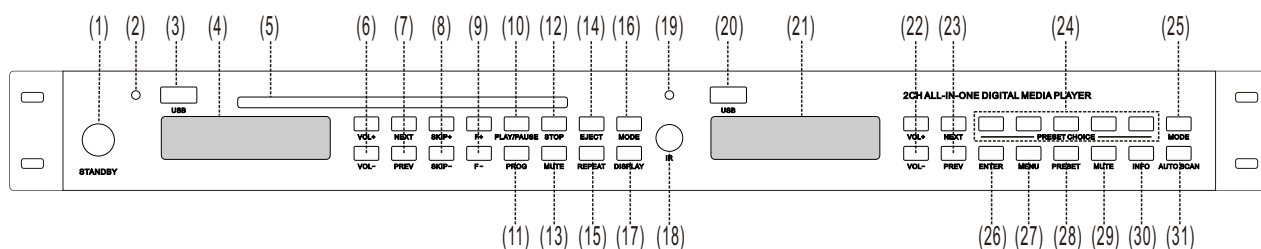AC Power Cord……………………………………………………………1

Installing Rack Ears

A pair of rack ears are included that allow the user to mount the player in a standard 19" audio/electronics rack. To install the rack ears, refer to the diagram and follow these steps:

1.Remove three screws from the side panel of the player toward the front.

2.Place one rack ear in proper position,

paying attention to correct alignment.

3.Reattach the three screws.

4.Repeat procedure for second rack ear,

located on the other side of the unit.

☐ **Front Panel**

(2-17) for Left Side Media,   (19-31) for Right Side Media

1. STANDBY:

Push this button to activate and deactivate this unit.

2. LED indicator:

This indicator flashes to show the left side media of the unit is being controlled.

3. USB port:

Allows to play USB disk on the left side.

4. Screen:

This shows various types of information for audio sources of the left side media.

5. Disc slot:

Insert a disc here,after a disc is inserted partway,the unit will automatically draw it in.

6. VOL+ / VOL-:

To turn up or down the volume of the left side media.

7. NEXT / PREV:

These buttons shall skip to the next or previous track.

8. SKIP+ / SKIP-:

Press these buttons to skip tracks by +10 or -10.

9. F+ (File+) / F- (File-):

Press these buttons to select the folder when use CD and USB media.

10. PLAY/ PAUSE:

Press this to start,resume,or pause the playback.

11. PROG:

Allows to play favorite songs when in the CD & USB mode. Make sure to STOP playing before enter PROG,you can choose favorite songs by pressing PREV/NEXT,then press PROG button to confirm selection,and then press PLAY.

To exit PROG,need to press STOP twice then press PLAY to resume ordinary playing.

12. STOP:

Press this to stop playback.

13. MUTE:

To press this button to mute the audio of the left side media,press it again to activate audio.

14. EJECT:

To press this button to eject a disc.

NOTE: Disc holder will not open unless stop or pause button has been pushed first.

15. REPEAT:

Press this turn the repeat playback function on/off.

16. MODE:

Press this button to choose audio source among USB,CD and Bluetooth of the left side media.

17. DISPLAY:

Push this button to make the screen light on/off.

☐ **Names & Functions of Front Panel**

18. **IR sensor:**

This sensor receives the signal of remote control.

19. LED indicator:

This indicator flashes to show the right side media of the unit is being controlled.

20. USB port:

Allows to play USB disk on the right side.

21. Screen:

This shows various types of information for audio sources of the right side media.

22. VOL+ / VOL-:

To turn up or down the volume of the right side media.

23. NEXT / PREV:

When in the USB and Bluetooth mode: Press these buttons to skip to next or previous track.

When in the FM(RDS) and DAB+ mode:

Press these buttons to skip the frequency by +0.05 or -0.05 MHZ.

Press and hold these buttons to scan through the frequencies in a semi-automatic way.

24. PRESET CHOICE (1,2,3,4,5):

Keep pressing for several minutes to store the favorite stations. And press them to choose to play the stored stations (1 to 5). Through Remote Control that total 9 favorite stations can be stored.

25. MODE:

Press this button to choose audio source among USB,DAB+,FM,AM and Bluetooth of the right side media.

26. ENTER:

Press this button to confirm a selection.

27. MENU (works with buttons of 'PREV', 'NEXT' and 'ENTER'):

When in the FM mode(including RDS):

《**Scan setting**》：To select scan way of **All stations** or **Strong stations**.

《**System setting**》：

Language selection: English,Portugués,Español, Française, Italiano, Deutsch.

SW version: Shows the software version.

Factory reset: Clears the memory completely and scans again for the available stations.

《**Audio setting**》：Allows to select **Stereo** or **Mono** mode.

When in the DAB+ mode:

《**Full scan**》：Allows to scan through all stations.

《**System setting**》：

Language selection: English,Portugués, Español, Française, Italiano, Deutsch.

SW version: Shows the software version.

Factory reset: Clears the memory completely and scans again for the available stations.

《**Prune**》：Deletes (or not) stations that are either no longer transmitting or have moved frequency.

《**DRC**》：Dynamic Range Compression provides a feature that reduces the volume of louder sounds and boosts the volume of quieter sounds. It can be a handy feature when listening to audio at lower volumes.

《**Manual tune**》：Allows to scan through the frequencies manually.

28. PRESET:

Press this button to review the 60 stored stations,press 'NEXT' or 'PREV' to choose a desired station then press 'ENTER' to play this station.

☐ Names & Functions of Front Panel

29. MUTE:

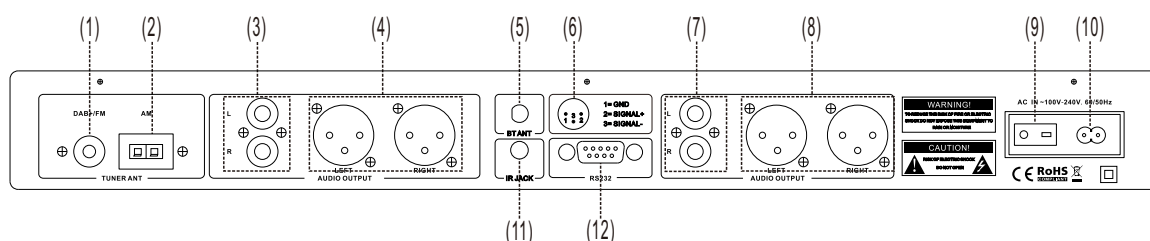To press this button to mute the audio of the right channel media,press it again to activate audio.

30. INFO:

Allows to show the related information for the FM(RDS) and DAB+ mode.

31. AUTO SCAN:

Press this to scan through and store the stations automatically. The stored stations can be review in the PRESET list. Press it again to stop scanning.

☐ Rear Panel

1. Antenna DAB+/FM connector:

Connect the included DAB+/FM antenna here.

2. Antenna AM connector:

Connect the included AM antenna here.

3. RCA out jacks:

These RCA pin output jacks (unbalanced) always output the sound from the right side media.

4. XLR out jacks:

These XLR pin output jacks (balanced) always output the sound from the right side media.

5. BT ANT:

Connect the included bluetooth antenna here.

6. Indication of XLR jack:

1:GND, 2:Hot, 3:Cold.

7. RCA out jacks:

These RCA pin output jacks (unbalanced) always output the sound from the left side media.

8. XLR Out jacks:

These XLR pin output jacks (balanced) always output the sound from the left side media.

9. Power switch:

This turns the unit on and off.

10. AC IN connector:

Connect the included power cord here.

11. IR JACK:

Connect additional IR receiver and attach to other surface where it provides the best reception from the remote control.
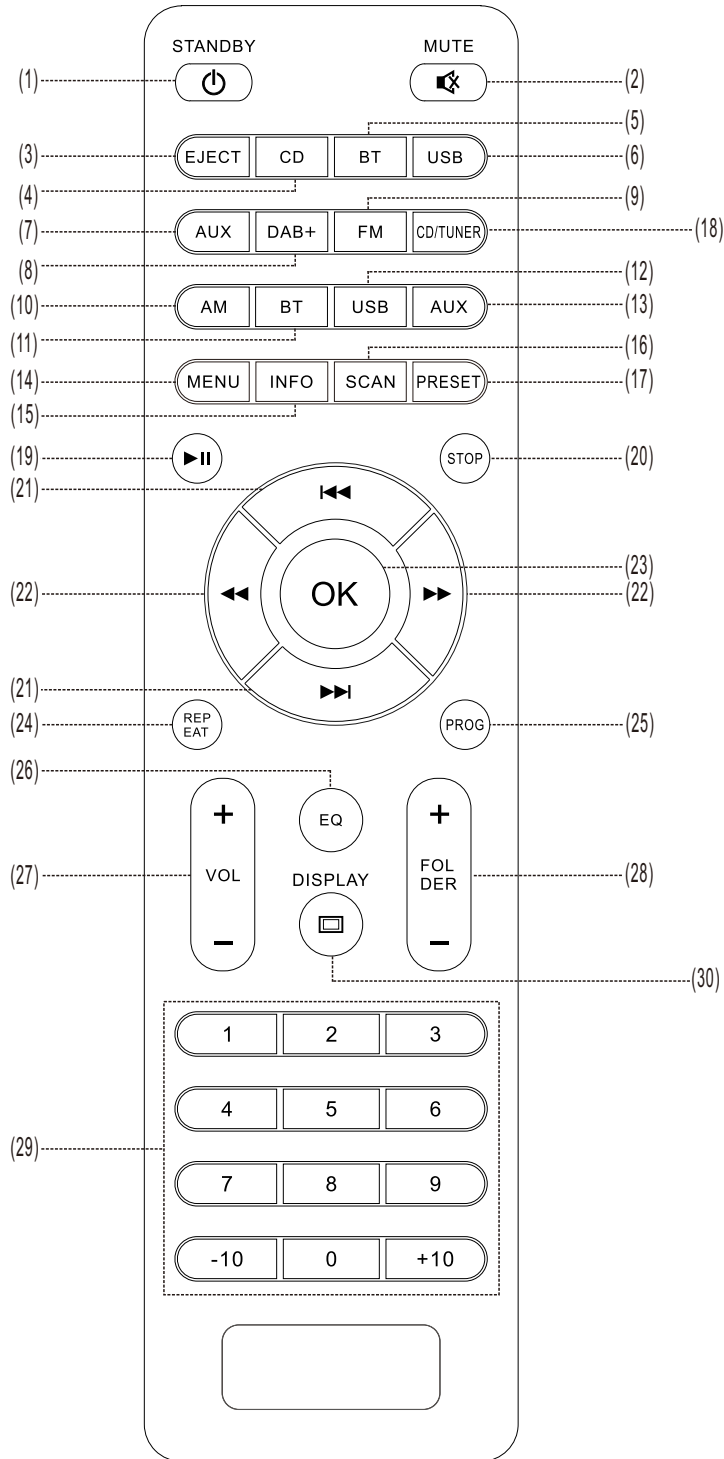
12. RS232 interface:

Serial control through the RS232 connector can be used to operate this unit from a computer or other external device.

☐ Remote Control

The shipment does not contain the batteries.
Please get and insert the suitable batteries - AAA/1.5V before use.

STANDBY	MUTE
(1) ⏻	🔇 (2)

(3) EJECT | CD | BT (5) | USB (6)
(4)

(7) AUX | DAB+ | FM (9) | CD/TUNER (18)
(8)

(10) AM | BT | USB (12) | AUX (13)
(11)

(14) MENU | INFO | SCAN (16) | PRESET (17)
(15)

(19) ▶❙❙   STOP (20)

(21) ❙◀◀

(22) ◀◀   OK (23)   ▶▶ (22)

(21) ▶▶❙

(24) REPEAT   PROG (25)

(26)

(27) + VOL −   EQ   + FOLDER − (28)

DISPLAY
🖵
(30)

1	2	3
4	5	6
7	8	9
-10	0	+10

(29)

☐ Names & Functions of Remote Control

1. STANDBY:
Press this button to activate and deactivate this unit.

2. MUTE:
Press this button to mute this unit's audio.

3. EJECT:
Press this to eject the CD in the CD slot.

4. CD:
Press this to switch the input source of left side to "CD Mode".

5. BT(L-BLUETOOTH):
Press this to switch the input source of left side to "BT Mode",its name
"L-BLUETOOTH" shall appear on your mobile device for pairing.

6. USB(left side):
Press this to switch the input source of left side to "USB Mode".

7. AUX:
This button is only available for another model of CD player.

8. DAB+:
Press this to switch the input source of right side to "DAB+ Mode".

9. FM(containing RDS):
Press this to switch to the input of source of right side to "FM Mode".

10. AM:
Press this to switch to the input of source of right side to "AM Mode".

11. BT(R-BLUETOOTH):
Press this to switch the input source of right side to "Blueetooth Mode",its name
"R-BLUETOOTH" shall appear on your mobile device for pairing.

12. USB(right side):
Press this to switch the input source of right side to "USB Mode".

13. AUX:
This button is only available for another model of tuner.

14. MENU:
Please refer to the operations of front panel "MENU".

15. INFO:
Allows to show the related information for the FM(RDS) and DAB+ mode.

16: SCAN:
Press this to scan through and store the stations automatically.

17. PRESET:
Press this button to review the 60 stored stations,press 'NEXT' or 'PREV' to choose a desired station
then press 'ENTER' to play this station.

18. CD/TUNER:
Press this button to switch between controlling left and right side media when use additional function
buttons (19 - 29).
The corresponding indicator on the unit will flash blue to show which side is being controlled.

19. PLAY/PAUSE:
Press this to start,resume,or pause the playback.

20. STOP:
Press this to stop playback.

21. SKIP (PREV. & NEXT) button:
When in the CD,USB and Bluetooth mode: Press these buttons to skip to previous or next track.
When in the FM(RDS) and DAB+ mode:
Press these buttons to skip the frequency backward or forward by 0.05 MHZ.
Press and hold these buttons to scan through the frequencies in a semi-automatic way.

22. Fast-reverse & Fast-forward button:
Press and hold these buttons to scan at fast reverse or fast forward playback for CD mode.

☐ Names & Functions of Remote Control

23. OK button:

Press this to confirm a selection.

24. REPEAT:

Press this turn the repeat playback function on/off.

25. PROGRAM: Please refer to the operation of the front panel's PROG.

26. EQ button:

Press this to select the EQ mode among Classic,Rock,Pop,Jazz and Flat.

27. VOL +/- button:

Press this to adjust the output audio level.

28. FOLDER:

Press this to select the folder when use CD and USB media.
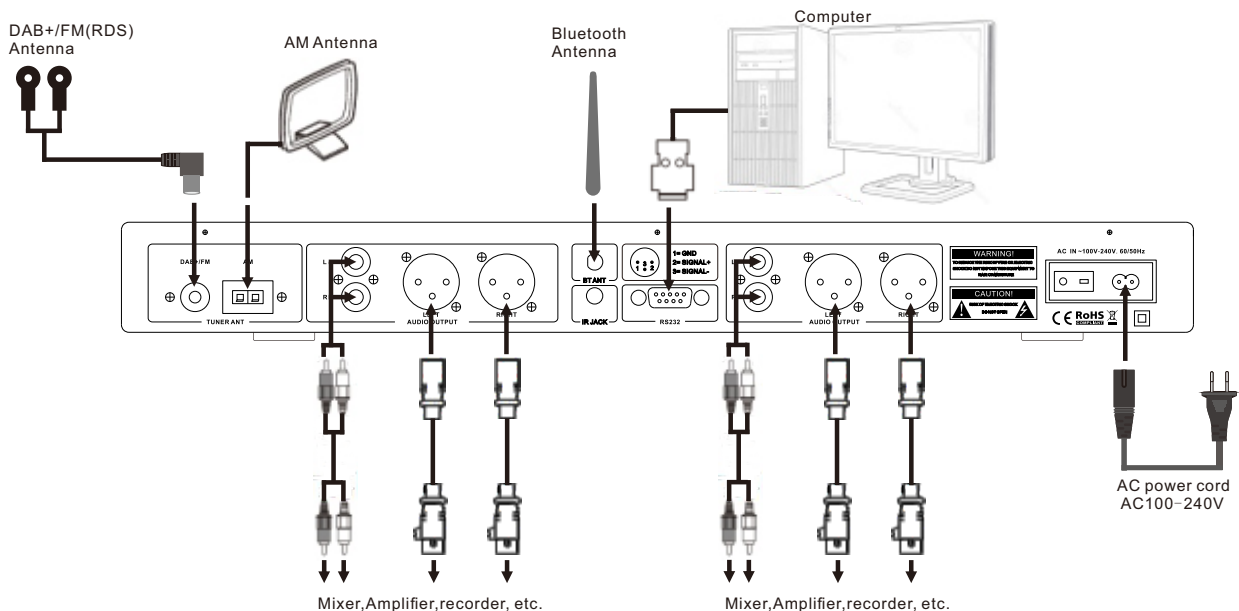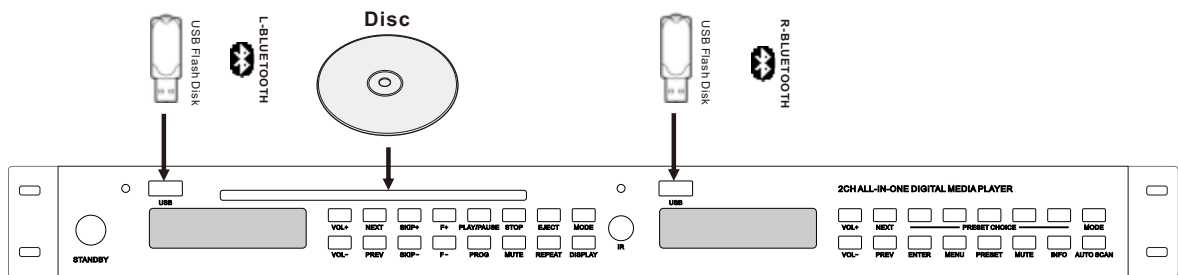
29. Number buttons:

Use these number buttons to select tracks or preset stations.

30. DISPLAY:

Push this button to make the screens at both sides light on/off.

☐ Connection Illustration

Carefully read the operation manuals of the devices to be connected and them connect them correctly.

Before making connections,turn this unit and all equipment to be connected off (standby).

☐ **Specifications**

• System	2-Channel Media Player
• Compatible media	Channel A: CD,USB,Bluetooth
	Channel B: USB,Bluetooth,FM(RDS),DAB+(DAB),AM
• Playable formats	CD: CD,CD-R,CD-RW
	USB: MP3,WAV
• Bluetooth version	5.0 version
• Frequency range	FM(RDS): 87.50 - 108.00 MHz
	DAB+(DAB): 87.50 - 108.00 MHz
	AM: 522 - 1620 Khz
• Frequency response	20 Hz - 20 Khz (±0.5 dB)
• S/N ratio	More than 105 dB
• T.H.D	Less than 0.005%
• Unbalanced out L/R	RCA terminal x 2
	Load impedance: Over 10 kΩ/kohms
	Output level: 2 Vrms (Max. 10 dBu) at 10 kΩ/kohms load
• Balanced out L/R	XLR terminal x 2 (1:GND, 2:Hot, 3:Cold)
	Load impedance: Over 600Ω/ohms
	Output level: 8.23 dBu (Max. 24 dBu) at 600Ω/ohms load
• Power supply	AC 100-240V 50/60 Hz
• Power consumption	30W (0.5W standby)
• Product size	330x267x49mm
	372x267x49mm (with rack ears)
• Carton size	520x355x117mm
• Net weight	3.40kg
• Gross weight	4.10kg

NOTE:

⚠ **CAUTION:** Do not open the equipment cover arbitrarily, so as not to electric shock. Please contact the professionals to maintian if necessary.

The products are constantly improving,subject to change without prior notice.