User Interface Specification

for MONSTER Remix SPEAKER

A. Change History:

No.	Version	Change Summary	Owner	Date of Changes
1				
2				
3				
4				

B. Introduction

1) Purpose

This document defines the user interface requirement of **MONSTER Remix Speaker,** The purpose of this document is to guide the development team to implement the user interface software.
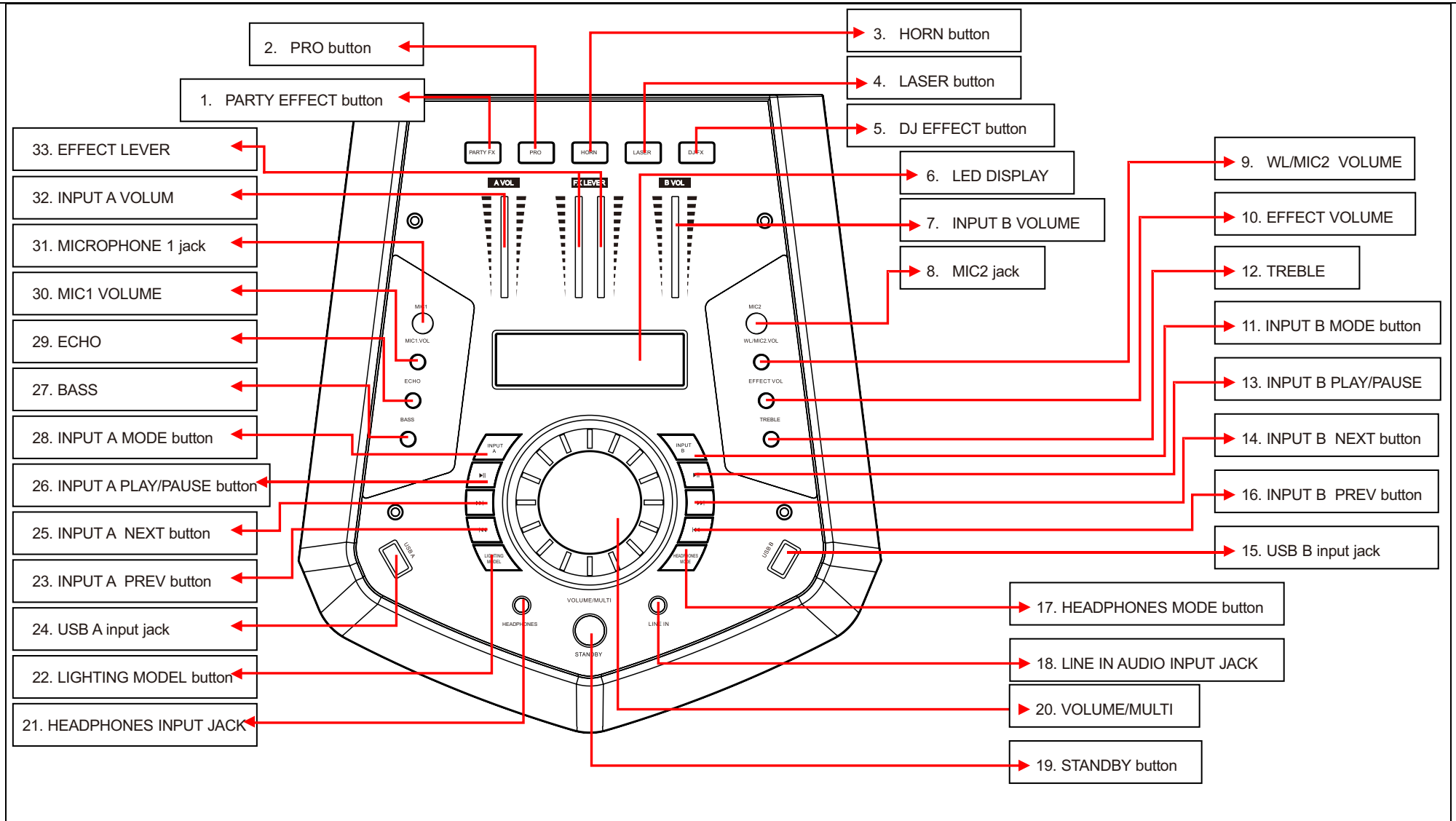
2) Scope

This document covers the user scenarios, UI control flows and the display contents of the product.
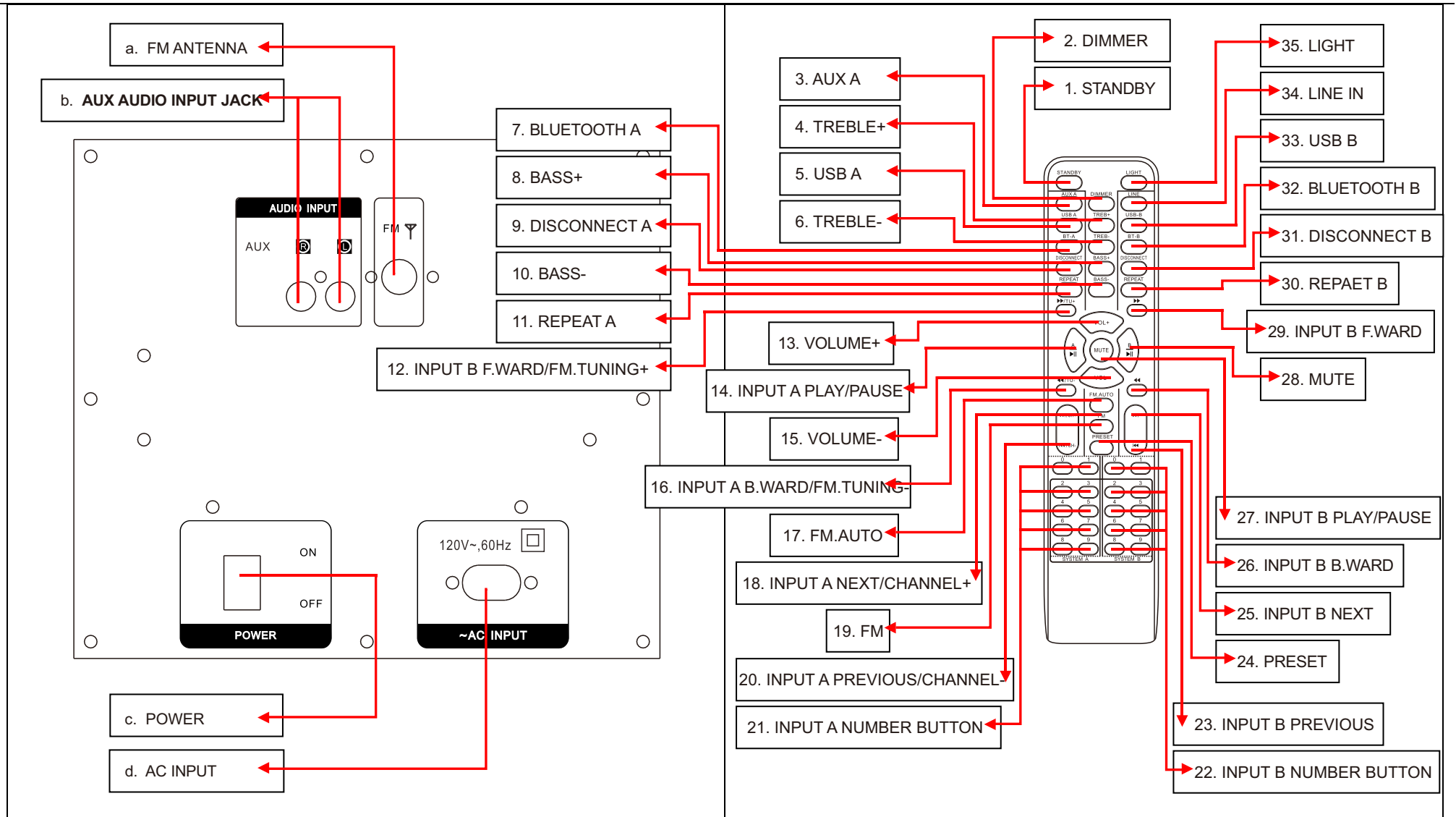
Part Descriptions

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2. PRO button

3. HORN button

4. LASER button

1. PARTY EFFECT button

5. DJ EFFECT button

33. EFFECT LEVER

6. LED DISPLAY

9. WL/MIC2 VOLUME

32. INPUT A VOLUM

7. INPUT B VOLUME

10. EFFECT VOLUME

31. MICROPHONE 1 jack

8. MIC2 jack

12. TREBLE

30. MIC1 VOLUME

11. INPUT B MODE button

29. ECHO

13. INPUT B PLAY/PAUSE

27. BASS

14. INPUT B NEXT button

28. INPUT A MODE button

16. INPUT B PREV button

26. INPUT A PLAY/PAUSE button

15. USB B input jack

25. INPUT A NEXT button

17. HEADPHONES MODE button

23. INPUT A PREV button

18. LINE IN AUDIO INPUT JACK

24. USB A input jack

20. VOLUME/MULTI

22. LIGHTING MODEL button

19. STANDBY button

21. HEADPHONES INPUT JACK

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a. FM ANTENNA

b. AUX AUDIO INPUT JACK

7. BLUETOOTH A

8. BASS+

9. DISCONNECT A

10. BASS-

11. REPEAT A

12. INPUT B F.WARD/FM.TUNING+

2. DIMMER

3. AUX A

4. TREBLE+

5. USB A

6. TREBLE-

13. VOLUME+

14. INPUT A PLAY/PAUSE

15. VOLUME-

16. INPUT A B.WARD/FM.TUNING-

17. FM.AUTO

18. INPUT A NEXT/CHANNEL+

19. FM

20. INPUT A PREVIOUS/CHANNEL-

21. INPUT A NUMBER BUTTON

1. STANDBY

35. LIGHT

34. LINE IN

33. USB B

32. BLUETOOTH B

31. DISCONNECT B

30. REPAET B

29. INPUT B F.WARD

28. MUTE

27. INPUT B PLAY/PAUSE

26. INPUT B B.WARD

25. INPUT B NEXT

24. PRESET

23. INPUT B PREVIOUS

22. INPUT B NUMBER BUTTON

AUDIO INPUT

FM

AUX   R   L

120V~,60Hz

ON

OFF

POWER

~AC INPUT

c. POWER

d. AC INPUT

STANDBY   LIGHT
AUX A   DIMMER   LINE
USB A   TREB+   USB-B
BT-A   TREB-   BT-B
DISCONNECT   BASS+   DISCONNECT
REPEAT   BASS-   REPEAT
VOL+
MUTE
FM.AUTO
PRESET
SYSTEM A   SYSTEM B

User Interface Specification

FRONT PANEL

1. **PARTY EFFECT mode**
Press this key to choose different PARTY effect, POWER UP,SIREN,VECTOR, FIREWORK,RAINING
2. **PRO**
3. **HORN**
4. **LASER**
5. **DJ EFFECT mode**
Short press this key to choose different DJ effect SCRATCH,REVERB,BEAT BOX,YEAH 1,BRING IN,YEAH 2,COME ON.
6. **LED DISPLAY**
Display System parameter information, a half of the left side display the INPUT A status, another half of left side display the INPUT B status
7. **INPUT B VOLUME**
This is used to adjust the volume with INPUT B
8. **MIC2 jack**
9. **WL/MIC2 VOLUME**
Adjust the volume of the Wireless microphone and microphone2 input
10. **EFFECT VOLUME**
Adjust the volume of the EFFECT input
11. **INPUT B MODE**
Press this key to choose different INPUT B mode, LINE,USB B,BT-B
12. **TREBLE**
13. **INPUT B PLAY/PAUSE**
Press this key to choose play/pause music with INPUT B
14. **INPUT B NEXT**
Press this key to choose next music with INPUT B
15. **USB B input jack**
16. **INPUT B PREV**
Press this key to choose previous music with USB B

17. **PHONES MODE**
Press this key to choose different EARPHONES
18. **LINE IN AUDIO INPUT JACK**
Connect to LINE IN signal input jack.
19. **STANDBY**
20. **VOLUME/MULTI**
Rotate the knob to adjust the main volume , phones volume,treble, bass.
21. **EARPHONES INPUT JACK**
22. **LIGHTING MODEL**
23. **INPUT A PREV**
Press this key to choose previous music with USB A
24. **USB A input jack**
25. **INPUT A NEXT**
Press this key to choose next music with INPUT A
26. **INPUT A PLAY/PAUSE**
Press this key to choose play/pause music with INPUT A
27. **BASS**
28. **INPUT A MODE**
Press this key to choose different INPUT A mode,USB A, AUX,BT-A,FM.
29. **ECHO**
Adjust the ECHO depth of the MIC input.
30. **MIC1 VOLUME**
Adjust the volume of the MICROPHONE 1 input.
31. **MICROPHONE 1 jack**
32. **INPUT A VOLUME**
This is used to adjust the volume with INPUT A
33. **EFFECT LEVER**
Slide the lever to create a party atmosphere

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REAR PANEL & REMOTE CONTROL

a. **FM ANTENNA**

b. **AUX AUDIO INPUT JACK**

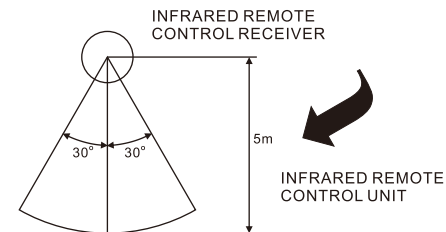Connect to AUX signal input jack.

c. **POWER**

Press this switch to turn the unit on or off.

d. **AC INPUT**

AC 120V~,60Hz

1. STANDBY
2. DIMMER
3. AUX A
4. TREBLE+
5. USB A
6. TREBLE-
7. BLUETOOTH A
8. BASS+
9. DISCONNECT A
10. BASS-
11. REPEAT A
12. INPUT B F.WARD ▶▶ /FM.TUNING+
13. VOLUME+
14. INPUT A PLAY/PAUSE ▶ll
15. VOLUME-
16. INPUT A B.WARD ◀◀ /FM.TUNING-
17. FM.AUTO
18. INPUT A NEXT ▶▶l /CHANNEL+
19. FM
20. INPUT A PREVIOUS l◀◀ /CHANNEL-

21. INPUT A NUMBER BUTTON
22. INPUT B NUMBER BUTTON
23. INPUT B PREVIOUS l◀◀
24. PRESET
25. INPUT B NEXT ▶▶l
26. INPUT B B.WARD ◀◀
27. INPUT B PLAY/PAUSE ▶ll
28. MUTE
29. INPUT B F.WARD ▶▶
30. REPAET B
31. DISCONNECT B
32. BLUETOOTH B
33. USB B
34. LINE IN
35. LIGHT

INFRARED REMOTE CONTROL RECEIVER

30° 30°

5m

INFRARED REMOTE CONTROL UNIT

REMOTE CONTROL OPERATION:

- If the remote control conflicts with other devices,the operation will be affected.
- Do not simultaneously press buttons on the unit and the remote control.
- Avoid using two remote controls at the same time as this will cause a malfunction.
- Use only UM-4 ``AAA`` size batteries. Do not mix old batteries with new ones.
- If the batteries leak, clean thoroughly before replacing with new ones.
- Do not short two terminals of the batteries. Dispose of old batteries in a suitable place.

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NORMAL FUNCTION
1. Be sure to switch off the power and to connect to corresponding input jacks.
2. Turn on the power and wait 3-4 seconds until the speaker functions are connected.
3. Select an audio source by pressing the INPUT A key on the front panel to display AUX A, BT-A, USB A. Press the INPUT B key on the front panel to display LINE,USB B,BT-B.
4. Adjust the VOLUME/MULTIknob on the front panel or the VOL+/- key on the remote control to adjust the setting of the main volume,treble, bass. Then turn the left push shot to adjust the volume of INPUT A, turn the right push shot to change the volume of the INPUT B.
5. Press the MENU key on the front panel to display BASS, TREBLE,AUTO, MAIN then adjust the VOLUME knob to change music treble,bass,light mode and sound effect.
6. PHONES OUTPUT selection. Press the PHONES MODEL button on the front panel to display INPUT A, INPUT B, or INPUT AB. PHONES VOLUME adjustment. Press the PHONES MODEL button on the front panel to display INPUT A or INPUT B or INPUT AB, then rotate the VOLUME/MULTI knob to adjust the PHONES VOLUME of INPUT A or INPUT B or INPUT AB
7. Press the LIGHT button on the remote control or press the MENU button on the front panel to display light mode,then press the VOLUME/MULTI knob to change the OFF,R,G,B,RG,RB,GB,RGB, AUTO,DEMO light mode.
8. Press the MUTE key to mute, press it again to reset.

SOUND EFFECT
1.   **DJ EFFECT**
Press DJ FX on the front panel can select DJ effect, SCRATCH,REVERB,BEAT BOX,YEAH 1,BRING IN,YEAH 2,COME ON.
2.   **MUSIC EFFECT**
Press LASER,HORN,PRO on the front panel to choose music effect.
3.   **PARTY EFFECT**
Press "PARTY FX" on the front panel can select PARTY effect, POWER UP,SIREN,VECTOR,FIREWORK,RAINING. Push the PARTY EFFECT rod, can get the corresponding PARTY EFFECT, when rod arrive the MAX position, can get the corresponding special PARTY EFFECT, When pull the rod back to OFF, PARTY EFFECT turn off. The complete process is OFF--->PARTY EFFECT---> PARTYMAX

LIGHT COLOR CONTROL FUNCTION

To control the light mode coming from the speaker panels by "Speaker" menu or "light model" button on remote control
*   R = red lights flash
*   G = green lights flash
*   B = blue lights flash
*   RG = red and green lights flash
*   RB = red and blue lights flash

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- GB = green and blue lights flash
- RGB = red, green, and blue lights flash
- Auto = the various color combinations cycle through and flash.
- Demo = lights flash and change color as if they were responding to the beat of the music.

TUNER APPLICATIONS
1. Before using the radio functions, you must attach the supplied antenna. Adjust the antenna to obtain optimum reception. Press the INPUT A key on the front panel(amplifier)or the FM key on the remote control,to select FM function.
2. Press the CH+/CH- key on the remote control to find radio bands that you have previously saved .
3. Press or hold the TU+/TU- key on the remote control to adjust the radio frequency manually.
4. Press the AUTO key on the remote control, the machine will scan radio channels from low-frequency to high-frequency by itself and memorize the channels one by one.

KARAOKE FUNCTION
1. Please turn off the microphone volume and adjust the volume gradually after inserting the microphone.
2. Adjust the MIC.VOL knob on the front panel to change the microphone VOLUME.
3. Adjust the ECHO knob on the front panel to change the microphone ECHO.
Note: Do not touch the top of the microphone when singing in order to avoid howling effect. Adjust the microphone volume gradually to avoid howling effect.

Function of NFC
For the smartphone with NFC (Near Field Communication) function, you can easily perform the pairing operation just by touching the NFC mark on this unit with your smartphone (you need to turn on the power of this unit and turn on the NFC function of the connecting device beforehand).
1.Press the (power) button to turn on the power of this unit.
2.Perform the pairing operation on the connectong device (for details, referto the owner s manual of the connecting device).
If the connection fails, move the smartphone slowly on the NFC mark. If the smartphone is equipped with a case, remove the case.

What is NFC?
Near Field Communication (NFC) is a standards-based connectivity technology that makes it more convenient to make transactions, exchange digital content and connect devices.
Using NFC you can transfer information between your phone and other NFC devices, such as phones and other mobile devices, payment devices and home audio and video devices.
For example, you can share web addresses, contacts, phone numbers, music tracks, videos or photos.
NFC is activated by bringing two NFC devices together. The maximum reading distance is about one centimeter,which helps prevent unauthorized communications.

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BLUETOOTH PAIR AND CONNECT
- Turn off any Bluetooth devices previously paired (linked) with this unit.
- Turn on the Bluetooth features on your phone or music player.
- Turn on and set this unit to Bluetooth mode. The flashing blue light BT on LED display indicates it is in pairing mode.
- Set your phone or music player to search for Bluetooth devices.
- Select MONSTER REMIX A or MONSTER REMIX B from search results on your phone or music player.
- Select OK or YES to pair this unit with your phone or music player.
- If protected, enter 0000 for passkey steady blue light indicates successful connection.
- Press the DISCONNECT key on the remote to disconnect the bluetooth.

FUNCTION OF USB READER
USB A interface
This unit has two USB jacks. Press the INPUT A key to select USB A,then you can insert a USB to play music. Press the INPUT B key to select USB B,then you can insert the another USB to play music.
Important: The USB port is intended only for data transfer only, other devices cannot be used with this USB connection. The use of USB extension cords is not recommended.

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ACCESSORIES

Remote control with battery---1 pc

Instruction Manual --1 pc

FM antenna---1 set

Wireless microphone with battery'--1 pc

Aux in cable--1 set

US Power cord--1 set

SPECIFICATION

Frequency Response：

    BASS-- 20Hz-3KHz

    TREBLE--3KHz-20KHz

Power Source--- 120V~,60Hz

Power Consumption --150W

■ The specification presents only as a reference. The value of weight and size are approximation.

■ Our product is improved ceaselessly and the specification and function may be changed without prior notice

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION. SHIELDED CABLES MUST BE USED WITH THIS UNIT TO ENSURE COMPLIANCE WITH THE CLASS B FCC LIMITS

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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