TEXONIC
AUDIO 🍁

OPERATION MANUAL

BX40T
BX60T
MIXER AMPLIFIER

Please follow the instructions in this manual to obtain the optimum results from this unit.
We also recommend that you keep this manual handy for future reference.

TABLE OF CONTENTS

- 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.

Safety Symbol and Message Conventions

Safety symbols and messages described below are used in this manual to prevent bodily injury and property damage which could result from mishandling. Before operating your product, read this manual first and understand the safety symbols and messages so you are thoroughly aware of the potential safety

⚠ **WARNING**	Indicates a potentially hazardous situation which, if mishandled, could result in death or serious personal injury.
⚠ **CAUTION**	Indicates a potentially hazardous situation which, if mishandled, could result in moderate or minor personal injury, and/or property damage.

⚠ 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 nor modify the power 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.

- 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. 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 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.

- 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.

Due to product upgrades, while some of the features and specification in the user manual does not match the actual functions, sorry for any inconvenience and thanks for your kind understanding!
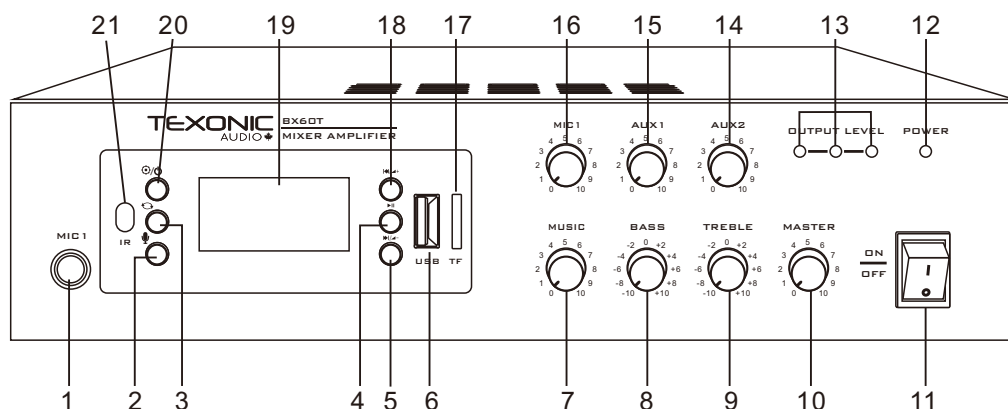
2. GENERAL DESCRIPTION

This is a desktop mini constant voltage amplifier with beautiful appearance, light weight and easy to carry. It can be used for background music playback and broadcasting of small indoor venues such as offices, patios, restaurants, classrooms, etc.

3. FEATURES

1. Desktop design, beautiful appearance, light weight, easy to carry, and quick installation.
2. Unmatched sound quality and speech intelligibility, can connect to 4 ~ 16 ohm output, can also be connected to 100V output, not only can it play beautiful music in a short distance, but also can broadcast beautiful sound at a long distance.
3. The output terminal adopts the standard 6.3 audio microphone jack and the line input adopts the lotus socket, providing users with different audio input interface options.
4. 1-channel microphone audio input and independent volume adjustment control.
5. 2 line audio input, each has its own volume adjustment.
6. With automatic playback of MP3 audio format songs and power-off memory function.
7. With priority function, when there is microphone 1 input, other input audio signals can be disconnected.
8. With power indicator, the indicator lights blue when the mains power is turned on.
9. With a signal indicator, according to different signal output size display colorless indicator.
10. With protection functions such as power amplifier short circuit, overload, over temperature.
11. With MP3 function module, can play U disk MP3 files, TF card, support mobile phone Bluetooth function.

4. NOMENCLATURE AND FUNCTIONS

4.1 FRONT PANEL

1. MIC1 input

2. Recording function button

3. MP3 loop playback function button

4. Play/Pause

5. Next song/Volume reduce

6. USB interface

7. MP3—Volume Adjust Knob

8. BASS

   Adjust bass response. Rotate clockwise to increase bass output and anticlockwise to reduce it.

9. TREBLE

   Adjust treble response. Rotate clockwise to increase treble output and anticlockwise to reduce it.

10. MASTER

    Master volume controls all size of input signal level.

11. ON/OFF

    Power switch, press switch, power on, press again, power off.

12. POWER

    Power indicator light, when power is on, power light is on, otherwise is off.

13. Electronic Level signal indication light.

14. AUX2 line input volume control, clockwise rotation, volume increase, otherwise decrease.

15. AUX1 line input volume control.

16. MIC1 volume control Knob
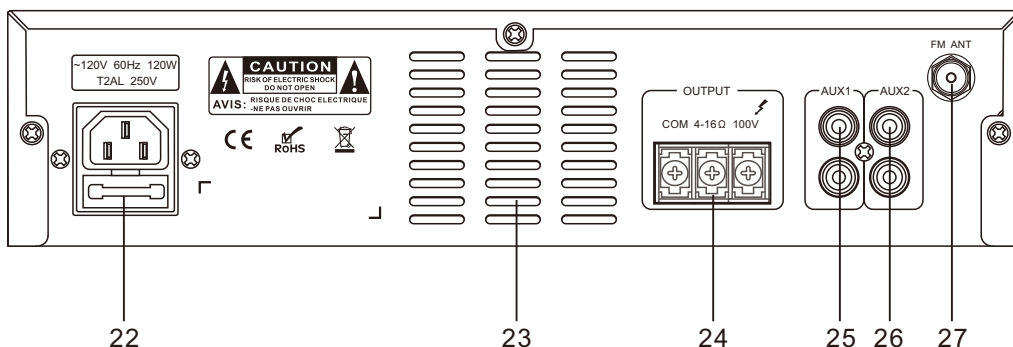
17. TF card slot

18. Previous song/Volume up

19. LCD display

20. Mode function button

21. Infrared receiving window

4.2 REAR PANEL

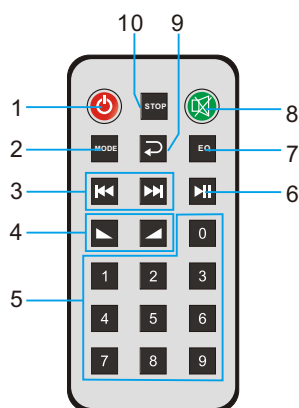

22. AC power input

23. Vents

24. SPEAKER TERMINALS

Connecting the speaker terminal. COM is for public terminal which could be connected with negative terminal and the ground wire. 4~16Ω terminal is used to connect the speaker with impedance 4~16Ω; 100V terminal is used to connect the speaker with 100V.

25. AUX1 unbalance signal input port.

26. AUX2 unbalance signal input port.

27. FM antenna port.

4.3 Remote control

1. Power switch
2. Mode
3. Previous/next
4. Volume increase/decrease
5. 0~9 number button
6. Play/pause
7. Sound effect control
8. Mute
9. Cycle play button
10. Pause

Normal usage distance of remote control:

Remote control distance: 8 meter, angle: level ±35, vertical±15.

Remote control usage attention:

1. When install battery, please mind electrode.
2. Please let remote control aim right with window of host machine.
3. When found remote distance get short and insensitive, please change battery.
4. Please take out battery when don't use it for a long time.
5. Take it easy in case of falling.
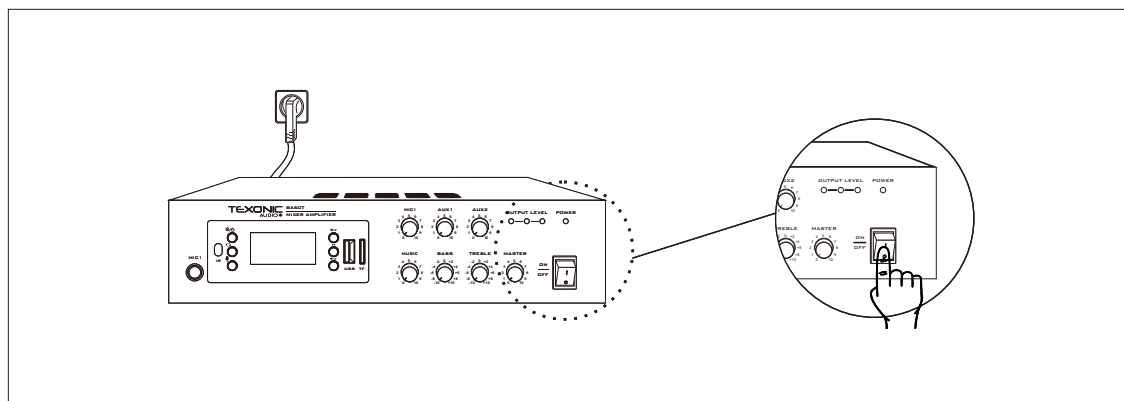
5.1 Power indication
5.2 Power switch

Figure 5.1/5.2

When power switch is "ON", power is on and power indication light is on(Red).
When power switch is "OFF", power is close and light is die out.

i Note:
  Need to confirm device is power on, or please contact with supplier for damage.
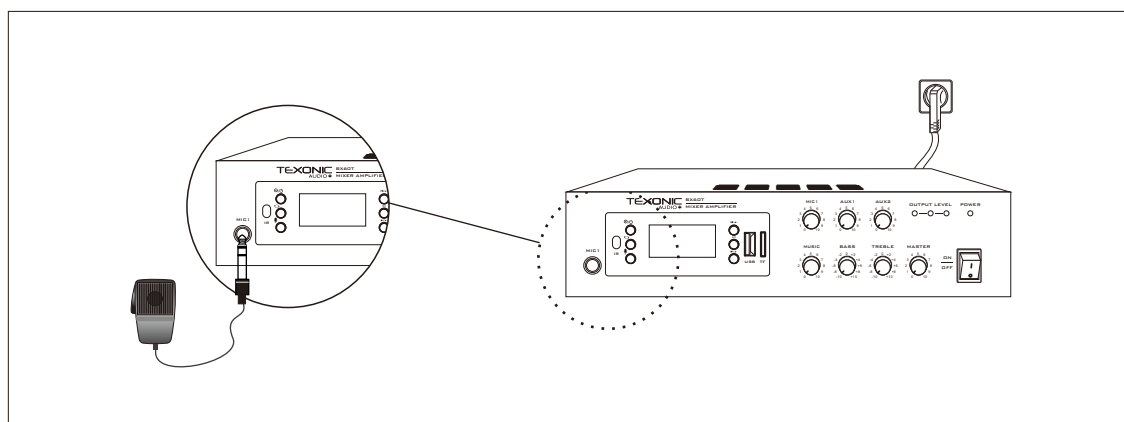
5.3 MIC1 input(6.3mm)

Figure 5.3

MIC1 adopt 6.3 port, when MIC1 is in, adopt with constant voltage or resistance speaker output, control volume by knob on panel, and adjust BASS/TREBLE to reach the effect what you want.

i Note:
  1. When mic in, but 6.3 mic is not complete in, can not paging.
  2. Before using mic in, should adjust volume to lowest level, or will come to noise.
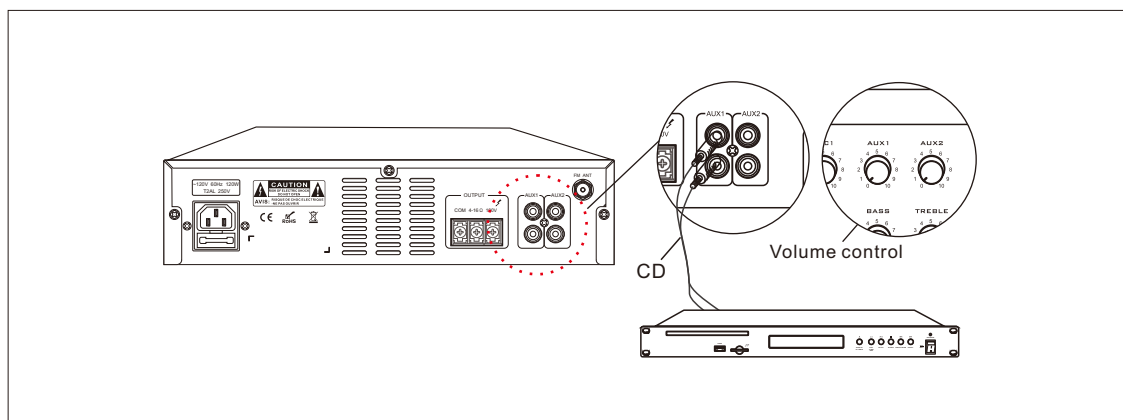
5.4 AUX1/AUX2 input

Figure 5.4

When back panel AUX1/AUX2 assist in, its volume should be control by AUX1/AUX2 knob, and combine with BASS/TREBLE adjustment to reach effect you want. AUX1/AUX2 assist input should adopt RCA unbalance connect port input, can used to connect with CD/MP3/TUNER.

> **i** Note:
> 1. When using assistant input, should adjust volume in middle level to prevent noise.
> 2. Don't let audio source to many device, or will cause noise.

5.5 4~16Ω/100V speaker output
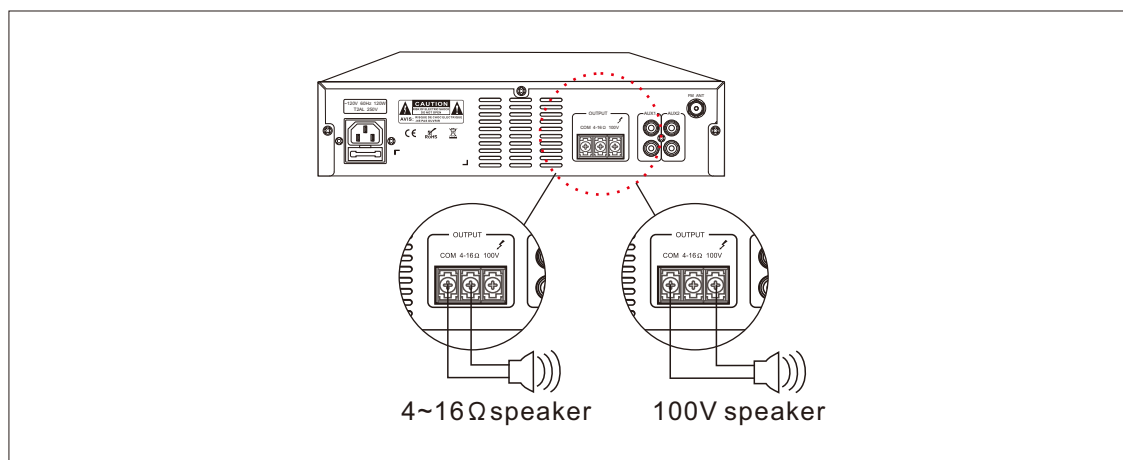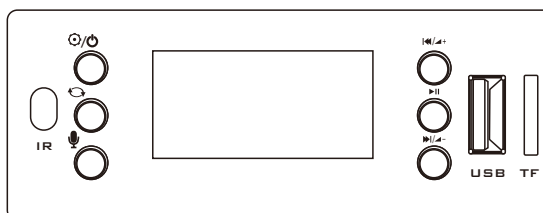

4~16Ω speaker   100V speaker

Figure 5.5

The loudspeaker output with constant resistance and constant voltage in two ways, convenient to choose. 100V and 4~16Ω output can only have one and COM at the same time use the connection at the same time corresponding constant pressure or constant resistance horn. With line between the transformer and the speaker of the total power should be less than the rated power output power amplifier.

> **i** Note:
> 1. When use the device, pay attention to the positive and negative connection, avoid burning the speaker.
> 2. Connection terminals fender is completed, please be sure to set up. Speaker terminals with high voltage, do not touch, to avoid electric shock.

5.6 The Operation Instruction of Built-in MP3

The buttons are explained as follows:

S.No	Buttons	Function
1	⊙/⏻	Mode function button; FM / USB / BT / playing (Long press this button to forcibly turn on / off the machine)
2	⏮/▲+	Previous song (long press to increase volume)
3	↻	Mp3 loop playback function button; (with Repeat One / Repeat ALL / Random / Repeat Folder mode.)
4	▶❙❙	Play / Pause (long press this button in FM mode to receive the station)
5	🎤	Recording function button(This device has no recording function)
6	▶❙❙/▼-	Next song (long press to decrease volume)

USB function
Press the MODE button to select the USB mode, copy the MP3 file in the U disk (below 32G), and it supports MP3 / WAV / WMA / AEC / FLAC format.

TF card function
Insert a TF card (below 32G) to copy the MP3 file, and it supports MP3 / WAV / WMA / AEC / FLAC format.

Bluetooth function
Press the MODE button to select the Bluetooth mode, turn on the mobile phone Bluetooth for connecting, it can play normally when the mobile phone is 10 meters barrier-free away. Bluetooth default name is "BP10_BT".

MP3 song loop playback
In USB or TF card mode, play a song at will, press the mode button to switch between REPeat One / REPeat ALL / Random / REpeat Floder.
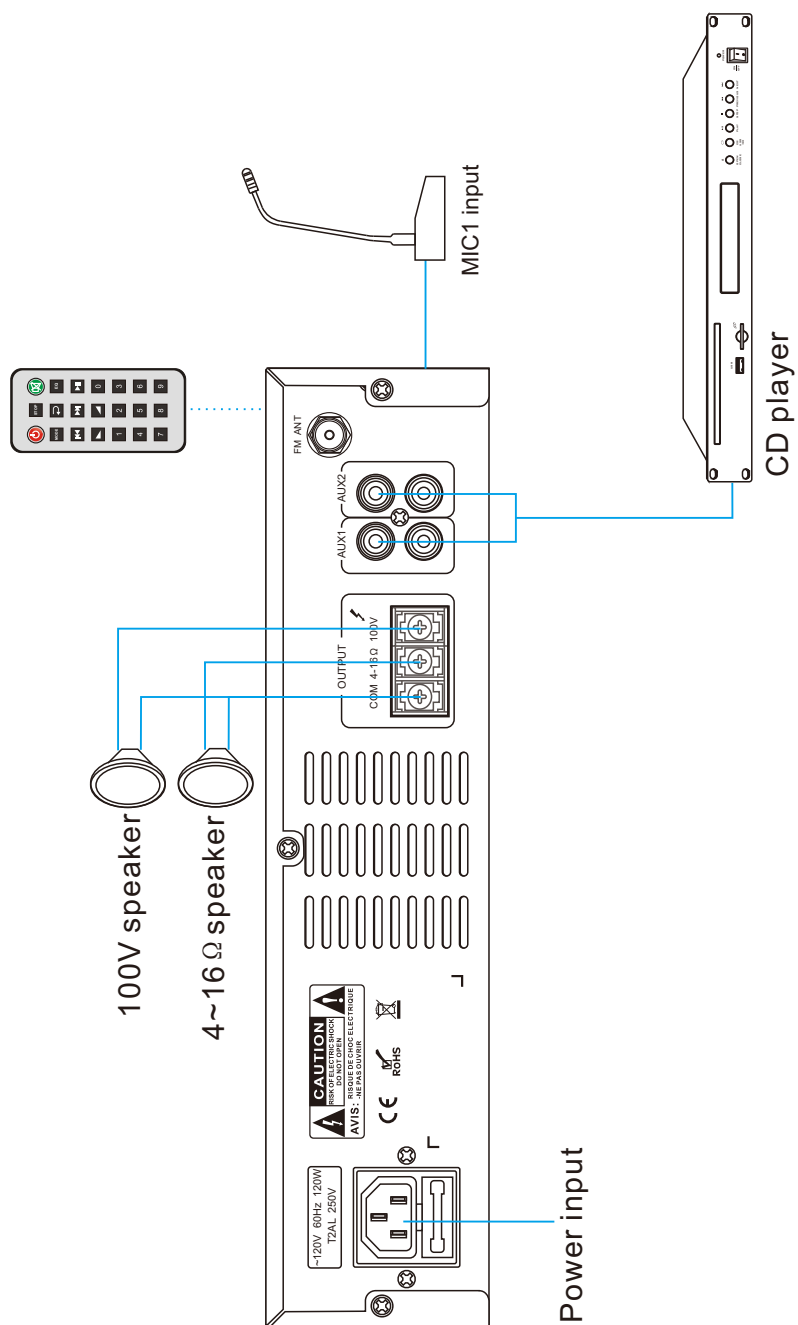
Functional memory function
You can turn it off by the remote controller or long pressing the MODE button. After it is turned on, it can remember the function mode selected before. If you unplug the power cable and turn it on again, the default is Bluetooth function mode.
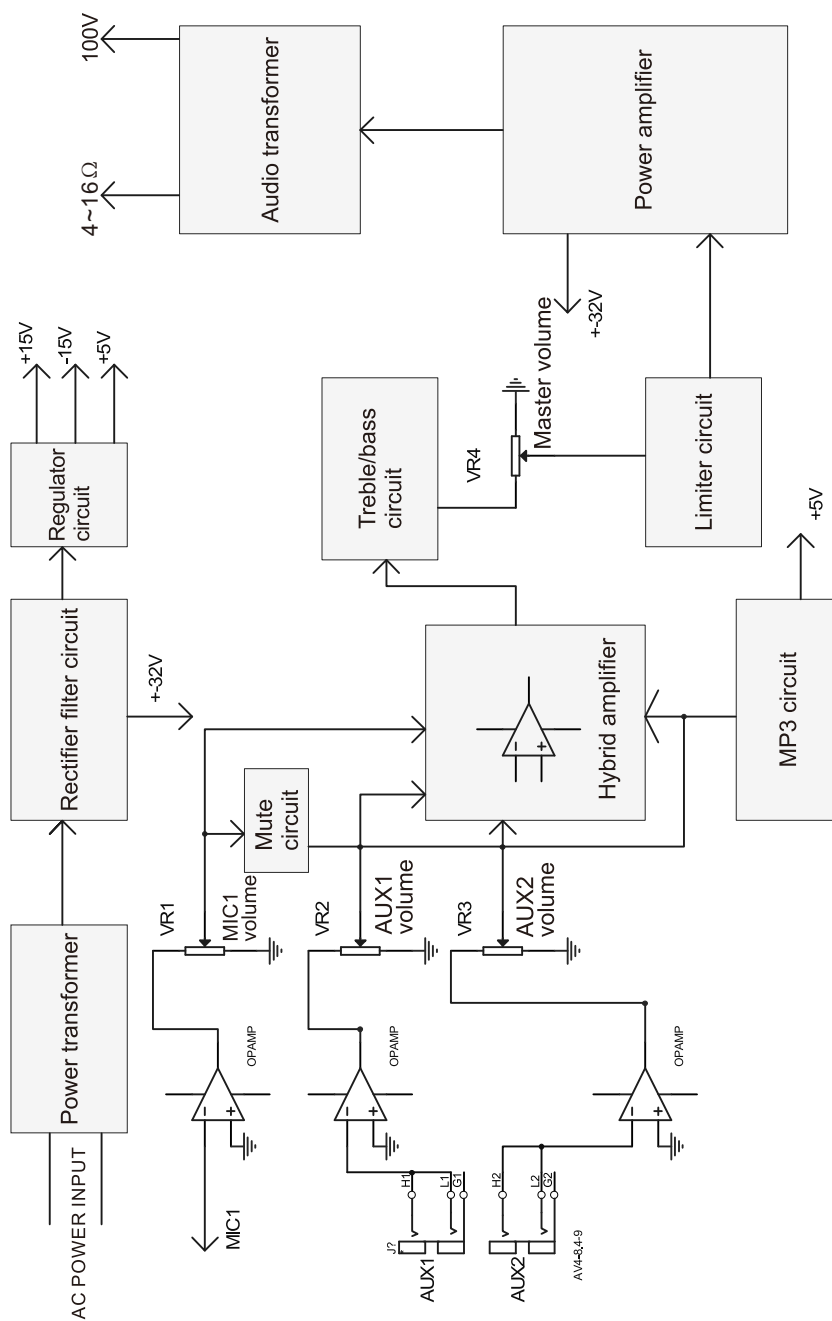
Volume +/-
Long press the Previous Song button to increase the volume quickly, and long press the Next Song button to decrease the volume quickly.

MIC1 input

CD player

FM ANT

AUX2

AUX1

OUTPUT

COM 4~16Ω 100V

100V speaker

4~16Ω speaker

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
AVIS: RISQUE DE CHOC ELECTRIQUE
-NE PAS OUVRIR

CE

RoHS

~120V 60Hz 120W
TZAL 250V

Power input

Model	BX40T	BX60T
Rated Power Output	40W	60W
Loudspeaker output	4~16Ω/100V	
Input Sensitivity & source impedance	MIC IN: +5mV, unbalanced 6.3 connection terminal AUX IN: 350mV, unbalanced RCA connection terminal	
Tone	Bass: 100Hz±10dB Treble: 10KHz±10dB	
Frequency response	80Hz~16KHz(-3dB)	
Signal to noise ratio	≥75dB	
THD	Rated power output, distortion rate≤1%	
Priority	MIC1 input has the priority than other input	
Protection	thermal-shutdown protection, short-circuit protection, overload, protection	
Power supply	~120V 60Hz	
Power Consumption	80W	120W
Dimension(mm)	284x188x 66.5	
Weight	3.5Kg	4.2Kg

PUBLIC ADDRESS SYSTEM

TEXONIC
AUDIO