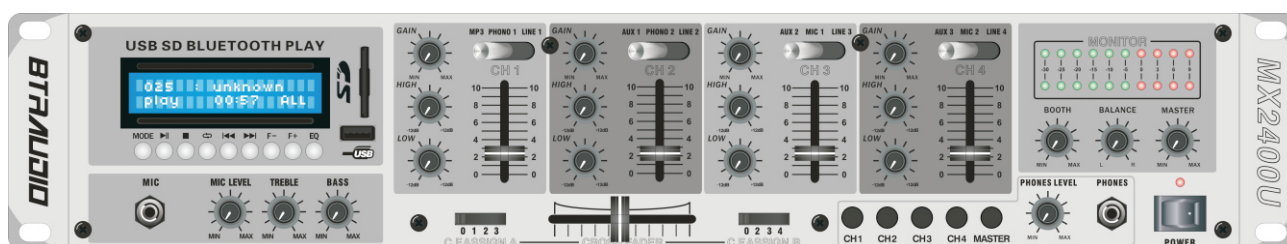# BTRAUDIO

Professional 4-channel DJ Mixer

USB SD AND BLUETOOTH PLAY

DJ MIXER USER MANUAL

BTRAUDIO

INTRODUCTION

Congratulations and thank you for purchasing the BTRAUDIO MX2400U mixer. Thismixer is a representation of BTRAUDIO's continuing commitment to produce the best and highestquality audio products possible at an affordable price. Please read and understand this manualcompletely before attempting to operate your new mixer. Please carefully read and understand the instructions in this manual thoroughly before attempting to operate this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Take special care to follow all warning symbols and labels both on the unit and printed in this manual. Also, Please keep this manual with the unit, for future reference.

Do not discard the packing carton in the trash. Please recycle when ever possible.

BASIC PRINCIPLES

• 2U Rackmount DJ Mixer Play
• 2 Phono/3 Aux, 4 Line, & 3 Mic Inputs
• SD Card Slot and Reader (Reads 32GB Max)
• Assign SD to any Channel
• Separate gain control for each channel
• High output to headphones
• Balanced XLR and Booth Output
• Booth Output Balance Control

• Master Output Balance Control
• Microphone Volume, Treble, and Bass Control
• Folder Keys
• Stream Flow LED Level Indicators - Indicates Master Level
• Full circle, random cycle, single cycle
• Can play USB,SD and BLUETOOTH source
• Extremely clean signal to noise ratio

ADJUSTMENT

Please be sure to make any connections before plugging the mixer in to an electrical outlet. All fader and volume controls should be set to zero or minimum position, before the mixer is switched on.If the mixer has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch on the mixer immediately.The arising condensation of water might damage your device. Leave the device switched off until it has reached room temperature.

Operating Determinations:
• When installing this mixer, please make sure that the device is not exposed or will not be exposed to extreme heat, moisture or dust!
• Do not operate the mixer in extremely hot (more than 40° /104° F) or extremely cold (less than 5° C /40° F) surroundings.
• Keep the unit out of direct sunlight and away from heaters.
• Operate the mixer only after becoming familiar with its functions. Do not permit operation by persons not qualified for operating the mixer. Most damages are the result of unprofessional operation!
• Do not attempt to operate this mixer if the power cord has been frayed or damaged.
• Disconnect from main power before making any type of connection.
• Do not attempt to operate this mixer, if it becomes damaged in any way.
• Never operate this mixer when it's covers are removed.
• To reduce the risk of electrical shock or fire, do not expose this mixer to rain or moisture.
• This mixer is intended for indoor use only, use of this product outdoors voids all warranties.
• During long periods of non–use, disconnect the mixer's main power.
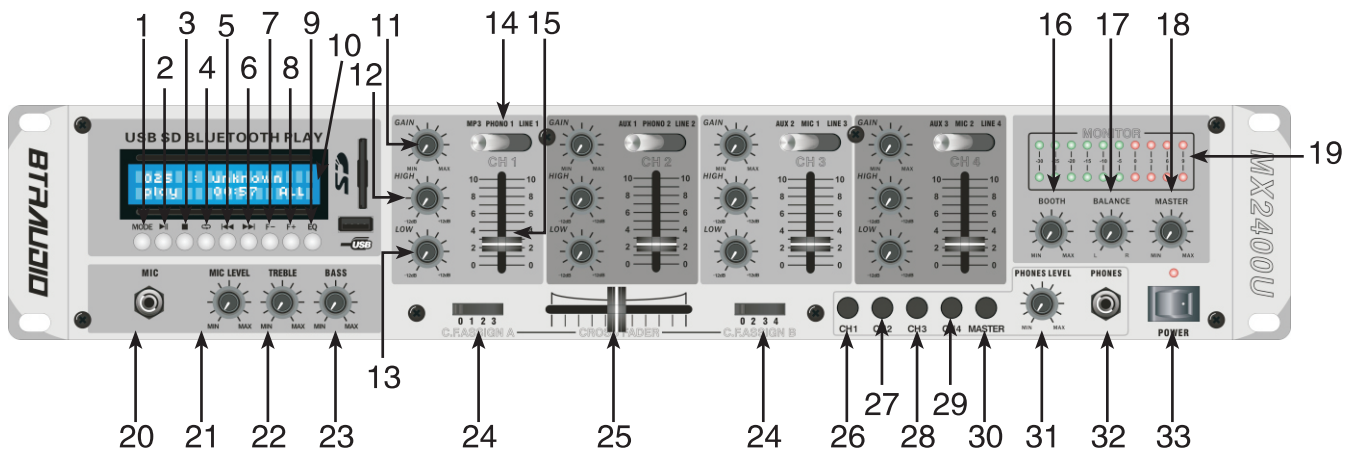
1. **MODE KEY ––** MODE is source switching key ,can play USB,SD and BLUETOOTH source.
2. **PLAY/PAUSE KEY ––** Press the " ▶❚❚ " button briefly during play to pause play,then press the button again to stop the pausing mode and resume play.
3. **STOP KEY ––** Press the" ■ "button briefly during play to turn off the power.
4. **LOOP KEY ––** Press the " ↻ " button briefly to repeat single song play during the all repeated play mode ,then press the button again to resume this mode.
5. **PREVIOUS A KEY ––** Press the " ❙◀◀ " button briefly during play to play the previous track. Press and hold to rewind the song.
6. **NEXT KEY ––** Press the " ▶▶❙ " button briefly during play to play the next track. Press and hold to fast forward the song.
7. **PREVIOUS FOLDER KEY ––** Press the "F– " button briefly during paly to folder the previous track.
8. **NEXT FOLDER KEY ––** Press the "F+ " button briefly during play to folder the previous track.
9. **EQ KEY ––** Press the "EQ " button can transform different sound effectl.
10. **SD PLAYER & LCD ––** USB SD CARD input slot,LCD Display.With MP3 control buttons of mode, play/pause ,stop,previous, next,repeat,Controlled by Channel 1 and Channel 2.
11. **CHANNEL GAIN ––** Adjusts the corresponding channel pre–fader and pre–EQ gain level.
12. **CHANNEL HIGH ––** Adjusts the high frequencies of the audio on the corresponding channel.
13. **CHANNEL LOW ––** Adjusts the low (bass) frequencies of the audio on the corresponding channel.
14. **INPUT SELECTOR ––**The PHONO/LINE–MP3–LINE switch allows you to choose between the MP3 and the line or phono signal on channel 1. The position of the rear panelPHONO/LINE switch determines whether the input is switched to the phono or the line level setting of the right–Hand switch position.
15. **CHANNEL FADER ––** Adjusts the audio level on the corresponding channel.
16. **BOOTH FADER ––** Adjusts the main master output volume.
17. **BALANCE ––** Adjusts your left to right balance on both the RCA and XLR Master outputs.
18. **MASTER FADER ––** Adjusts the main master output volume.
19. **LED VU METERS ––** can indicate either the master output or cue channel input levels, depending on the position of the MASTER/PFL switch.
20. **MIC INPUT ––** Connect a microphone to this COMBO input that accepts either an XLR jack connector.
21. **MIC VOLUME COMTROL ––** Adjusts the MIC output volume.
22. **MIC TREBLE ––** Adjusts the high (treble) frequencies of the microphone channel.
23. **MIC BASS ––** Adjusts the low (bass) frequencies of the microphone channel.
24. **CROSSFADER ASSIGN ––** Enables you to route 1 、2、3 of 2、3 4 channels via the crossfader. Now you can use 1 fader to simply mix 2 channels.
25. **CROSSFADER** – Blends audio between the channels assigned to the left and right side of the crossfader. This part is user replaceable, Part–number CF–1.

26. **CH 1 MONITORING ––** When pressed you see the pre fader cue signal(s) on the VU CH 1.

27. **CH 2 MONITORING ––** When pressed you see the pre fader cue signal(s) on the VU CH 2.

28. **CH 3 MONITORING ––** When pressed you see the pre fader cue signal(s) on the VU CH 3.

29. **CH 4 MONITORING ––** When pressed you see the pre fader cue signal(s) on the VU CH 4.

30. **MASTER MONITORING ––** When pressed you see the pre fader cue signal(s) on the VU Meters.

31. **HEADPHONES VOLUME COMTROL ––** Adjusts the HEADPHONES output volume.

32. **HEADPHONES ––** Connect your headphones(PHONEPLUG 6.35) to this output for cueing and mix monitoring.

33. **POWER SWITCH ––** This is the main power ON/OFF switch. Before you turn the power on be sure you have made all co–
     nnections to the mixer. Also be sure you amplifiers are turned off. Remember mixer on first and turned off last.

REAR PANEL CONNECTIONS
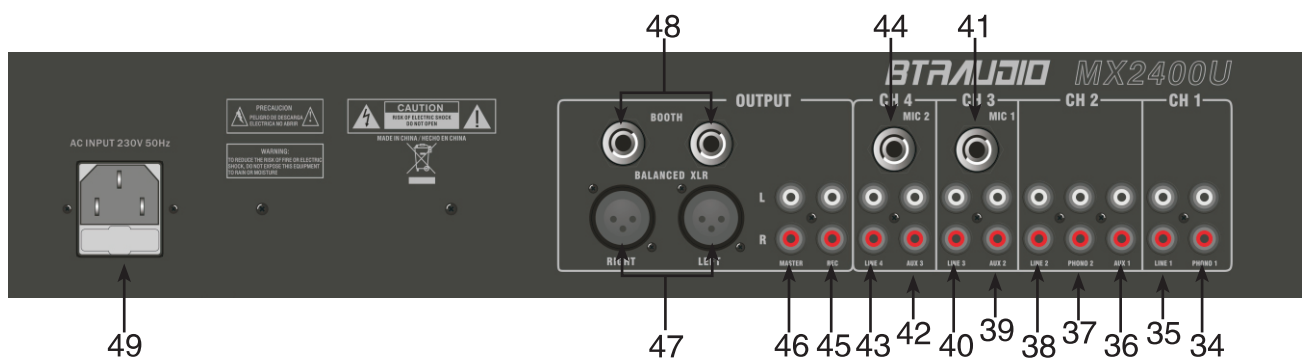
34. **CHANNEL 1: PHONO 1 INPUT ––** The type of input must directly reflect the selected mode of the Line Le–
    vel Selector Switch .

35. **CHANNEL 1: LINE1 INPUTS (RCA)––** CD, DVD players, Tape Decks and other line level devices may be
    connected to these inputs.

36. **CHANNEL 2: AUX1 INPUTS (RCA)––** CD, DVD players, Tape Decks and other line level devices may be
    connected to these inputs.

37. **CHANNEL 2: PHONO 2 INPUT ––** The type of input must directly reflect the selected mode of the Line Le–
    vel Selector Switch .

38. **CHANNEL 2: LINE 2 INPUTS (RCA)––** CD, DVD players, Tape Decks and other line level devices may be
    connected to these inputs.

39. **CHANNEL 3: AUX2 INPUTS (RCA)––** CD, DVD players, Tape Decks and other line level devices may be
    connected to these inputs.

40. **CHANNEL 3: LINE 3 INPUTS (RCA)––** CD, DVD players, Tape Decks and other line level devices may be
    connected to these inputs.

41. **CHANNEL 3: MIC 1 INPUTS ––** Connect microphones to these inputs.

42. **CHANNEL 4: AUX 3 INPUTS (RCA)––** CD, DVD players, Tape Decks and other line level devices may be
    connected to these inputs.

43. **CHANNEL 4: LINE 4 INPUTS (RCA)––** CD, DVD players, Tape Decks and other line level devices may be
    connected to these inputs.

44. **CHANNEL 3: MIC 2 INPUTS ––** Connect microphones to these inputs.

45. **RCA REC OUTPUTS –** Using the REC output you can record your music by Connecting devices such as tape decks,DAT recorders Etc.Unlike the MASTER and BOOTH outputs,the output Volume is fixed,making it necessary for you to adjust the Input level on the recording device.

46. **RCA MASTER OUTPUTS –** The Master Output includes a pair XLR Balance d Jacks 38) as well as a pair of RCA Unbalanced Jacks. The RCA jacks send a low current unbalanced output signal. These jacks should only be used for shorter cable runs to signal processors or looping to another mixer. For cable runs greater than 15 feet use the XLR Balance d Jacks (38).

47. **BALANCED XLR MASTER OUTPUTS JACKS ––** The Master Output includes a pair of XLR Balanced jacks as well as a pair of RCA Unbalance d Jacks . The 3–pin XLR jacks send a high current balanced output signal. These jacks should be used when you will be driving an amp or other audio equipment with a balanced input, or whenever you will be running a signal line greater than 15 feet. Always, use these jacks whenever possible.

48. **BOOTH OUTPUTS ––** Φ6.3mm phone–type booth monitor output connector.The sound level from these connectors is controlled independently by the BOOTH MONITOR level dial,regarless of the position of the MASTER LEVEL dial.(These connectors are TRS output, so they support both balanced and unbalanced outputs.)

49. **POWER IN ––** This is the connector for the power cable.This is where the advantage of the sophisticated internal power suppl can be seen:the pulse behaviour of each amplifying circuit is mainly determined by the voltage reserves available. Each mixng console is equipped with numerous operational amplifiers (op amps) to process line level signals.Due to limited output of their power supplies,many mixing consoles show signs of stress when subjected to heavy loads.But not you're the sound is always clear and transparent.

BTRAUDIO

SPECIFICATIONS

AUDIO INPUTS

MIC	1.5mv/10kΩ
MIC1、MIC2	1.5mv/10kΩ
PHONO 1、2	2mv/50kΩ
AUX 1、2、3	200mv/10kΩ
LINE 1、2、3、4	200mv/10kΩ

AUDIO OUTPUTS

Master	1v
Booth	1v
Tape	400mv
XLR balanced	1v Type. 125mΩ @1% THD

EQUALIZR(+/−8dB)

Stereo TREBLE	+ / − 15dB @10KHz
Stereo BASS	+ / − 15dB @50Hz
MIC TREBLE	+ / − 12dB @7KHz
MIC BASS	+ / − 12dB @100Hz