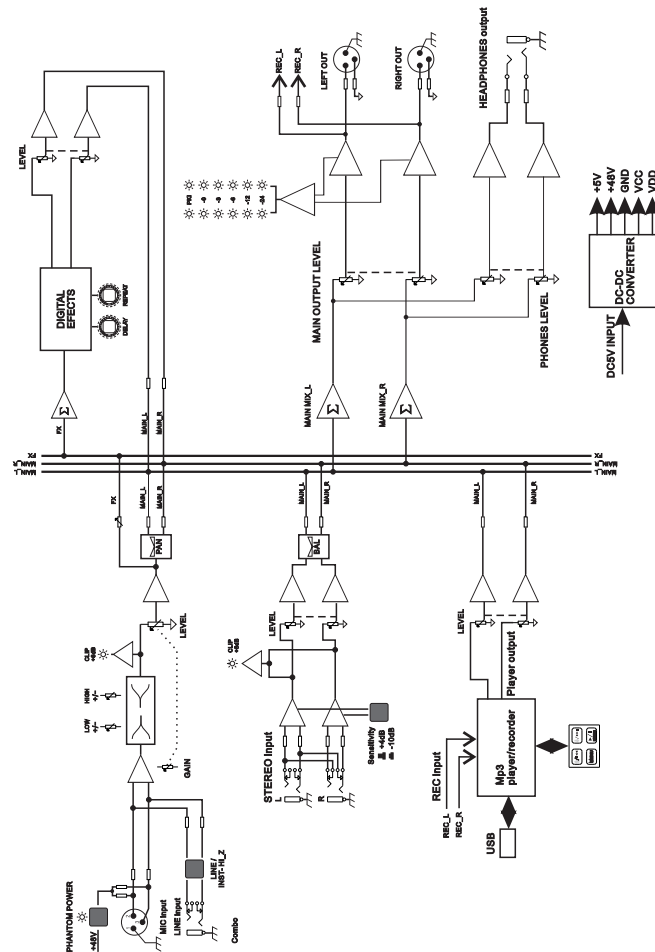
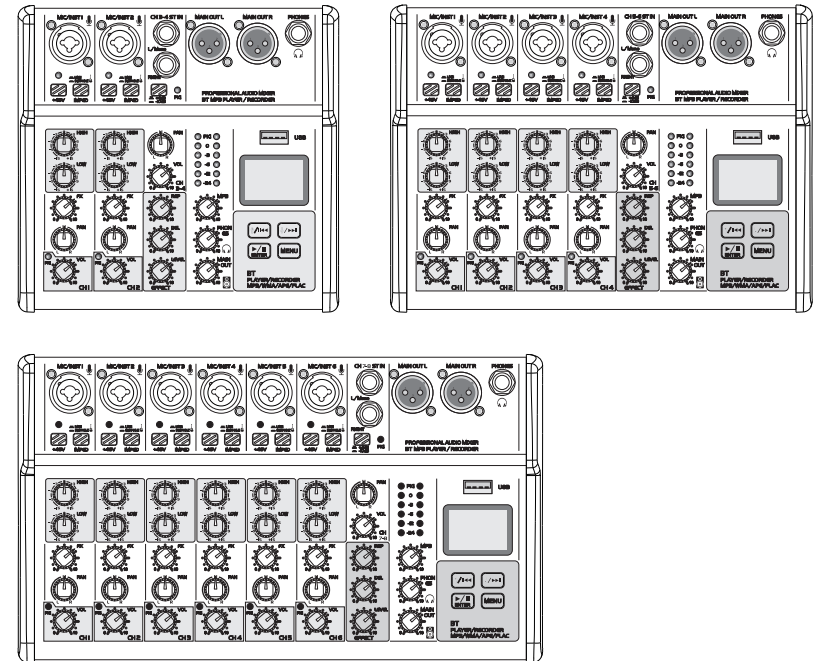


System block diagram



User Manual FOR MIXING CONSOLES



We greatly appreciate your purchase of this small mixer with BT / MP3 player / recorder .It is simple and easy to use, durable and durable. It provides a very costeffective choice for families, conference rooms, bars and other small tuning occasions.

We would sincerely offer our after-sales services that you need for this product. Before use, carefully read this user's manual and keep it for your random reference. Thanks again for your patronage.

The warranty period of one year.

This product is guaranteed for no material or workmanship defects within one year's period from the purchase date of the original buyer. To ensure the high-level performance of the property and reliability in the design and manufacture of this appliance, please read the user's manual before operation.

In case of malfunction, please inform immediately and return the machine with defects to us, or our authorized agent, and go repairing according to the following conditions

Within the warranty period:

Warranty conditions

The device must be installed and operated according to the instructions of this manual.

The device hasn't gone through any intentional or unintentional mistaken uses, neglects or alterations which are described in this manual, or authorized by us. Any necessary adjustment, correction or repairing should be carried out by us or any authorized agent of this device.

Please attach the purchase proof with freight prepaid when you return the defective machine to us or our authorized agent. The machine returned should be packed well and avoid possible damages on the way of transit.

In some area, these stipulations may vary. Concerning with any possibly adoptive additional warranty clauses, please contact our sales agent.

NOTICE

To avoid the possibility of malfunction/ damage to the product, damage to data, or damage to other property, follow the notices below.

Handling and maintenance

- Do not use the device in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the device, TV, or radio may generate noise.
- Do not expose the device to excessive dust or vibration, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day), in order to prevent the possibility of panel disfiguration, unstable operation, or damage to the internal components.
- Do not place vinyl, plastic or rubber objects on the device, since this might discolor the panel.
- When cleaning the device, use a dry and soft cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical impregnated wiping cloths.
- Condensation can occur in the device due to rapid, drastic changes in ambient temperature-when the device is moved from one location to another, or air conditioning is turned on or off, for example. Using the device while condensation is present can cause damage. If there is reason to believe that condensation might have occurred, leave the device for several hours without turning on the power until the condensation has completely dried out.
- Avoid setting all equalizer controls and faders to their maximum. Depending on the condition of the connected devices, doing so may cause feedback and may damage the speakers.
- Do not apply oil, grease, or contact cleaner to the faders. Doing so may cause problems with electrical contact or knob motion.
- When turning on the AC power in your audio system, always turn on the power amplifier LAST, to avoid speaker damage. When turning the power off, the power amplifier should be turned off FIRST for the same reason.

General Specifications

Input Channels	Mono (MIC/LINE): 2 / 4 / 6 ; Stereo (LINE): 1;
Output Channels	MAIN L/R OUT: 1; PHONES: 1 ; Stereo: 1
Bus	
Input Channel Function	
CH1/2 MIC/LINE	GAIN , -14~+40 dB; 2 band EQ, 80Hz/12KHz, ± 15 dB; +48V , Phantom Power, LED; IMPEDANCE Switch; Peak LED;
Stereo input	Sensitivity adjusting switch; Balance adjustment; Peak LED;
Level Meter	2x6 point LED meter ;
Max output level	3 Vrms;
Frequency response	± 0.5 dB, 20-20000Hz;
Dynamic range	102 dB;
THD+N @ 1KHz	$\leq 0.03\%$;
Stereo crosstalk	92 dB;
Power Requirements	DC 5V, 1A
Power Consumption	Max. 5W
Dimensions (WxHxD)	166 mm x 66 mm x 165 mm (2 CH type) 220 mm x 66 mm x 165 mm (4 CH type) 274 mm x 66 mm x 165 mm (6 CH type)
Net Weight	0.89 kg (2 CH type) 1.17 kg (4 CH type) 1.45 kg (6 CH type)

Front panel function

- 21, The stereo line input signal sensitivity selection button, bounce to +4dB, press 10dB;
- 22, DC power supply 5V socket;
- 23, Power switch;

24, BT / MP3 player/recorder operation instructions:

24.1. Definition of keys

- A. Shortly press: the previous one/choose upward or left; Long press: reduce the volume.
- B. Shortly press: the next one/choose downward or right; Long press: increase the volume.
- C. Menu key;
- D. Play/Pause/Confirm key

24.2. System setup:

When there is no USB disk inserted, shortly press any key and enter the main menu items, shortly press the choose key, select the “system setup” key, press “play confirm key” to do the system setup. The list is as follows:

- A. Backlight time: After there is not any operation, the backlight will turn off automatically after some certain time. This selection item is for you to choose the time you need to turn off. The default is not turn-off.
- B. Language selection: display of two menus with Chinese and English.
- C. Contrast: Adjust the contrast degree of the display screen, and suit different light environment.

24.3. Start the BT connection:

When there is no USB disk inserted, shortly press any key, and enter the main menu item. Shortly press the selection key, and select the “BT mode” item. Press the “Play confirm key” to connect. The blue-tooth name of this module is BT_SPEAKER.

24.4. Music mode:

When the USB disk is inserted, start to play the music automatically.

Under the interface of playing music, shortly press “menu” key, a couple of setups under the music mode will pop up.

- A. Circulation mode: there are multiple modes such as all circulation, single circulation and random play to be chosen.
- B. EQ mode: there are a couple of balance modes such as nature, rock, pop and classic modes to be chosen.
- C. Master disc directory: do the reading of audio files in the file folder, you can choose the music promptly.
- D. Delete the file: delete the audio file currently played.

24.5. Record mode:

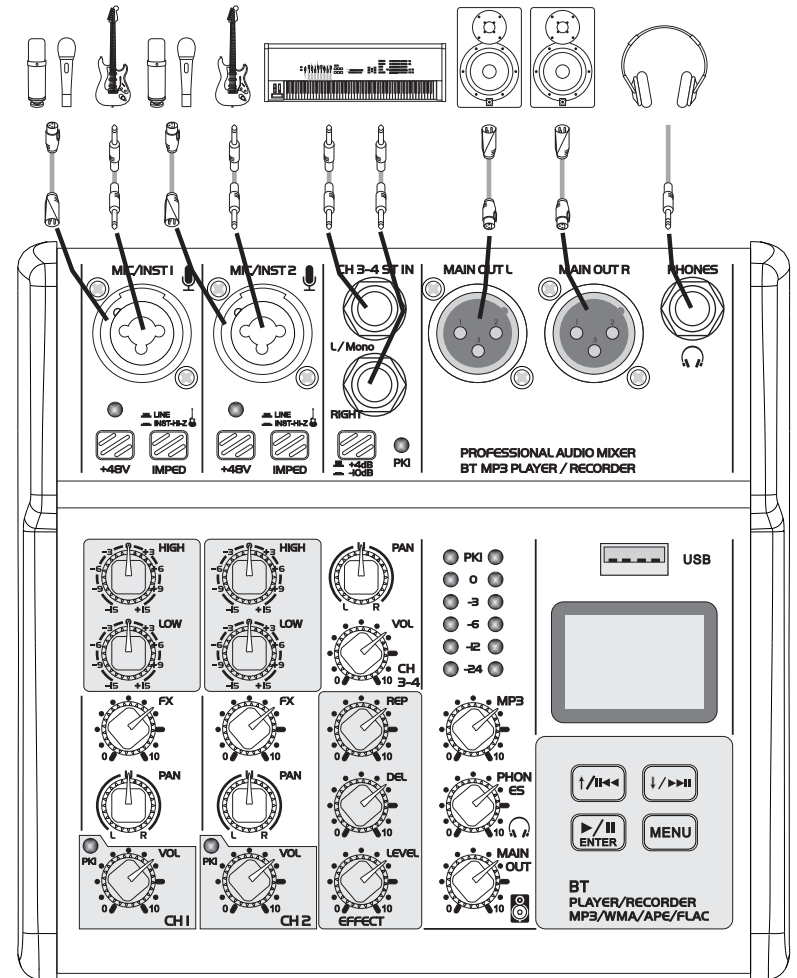
Under the interface of playing music, long press the “menu” key, and enter the recording work mode:

- A. Shortly press “Play” key, start the recording or pause the recording;
- B. Long press “Play” key, finish the recording and save the recording file, automatically quit and return to the play interface;
- C. Recording file format: MP3/48Khz sampling/128Kbs bit rate.

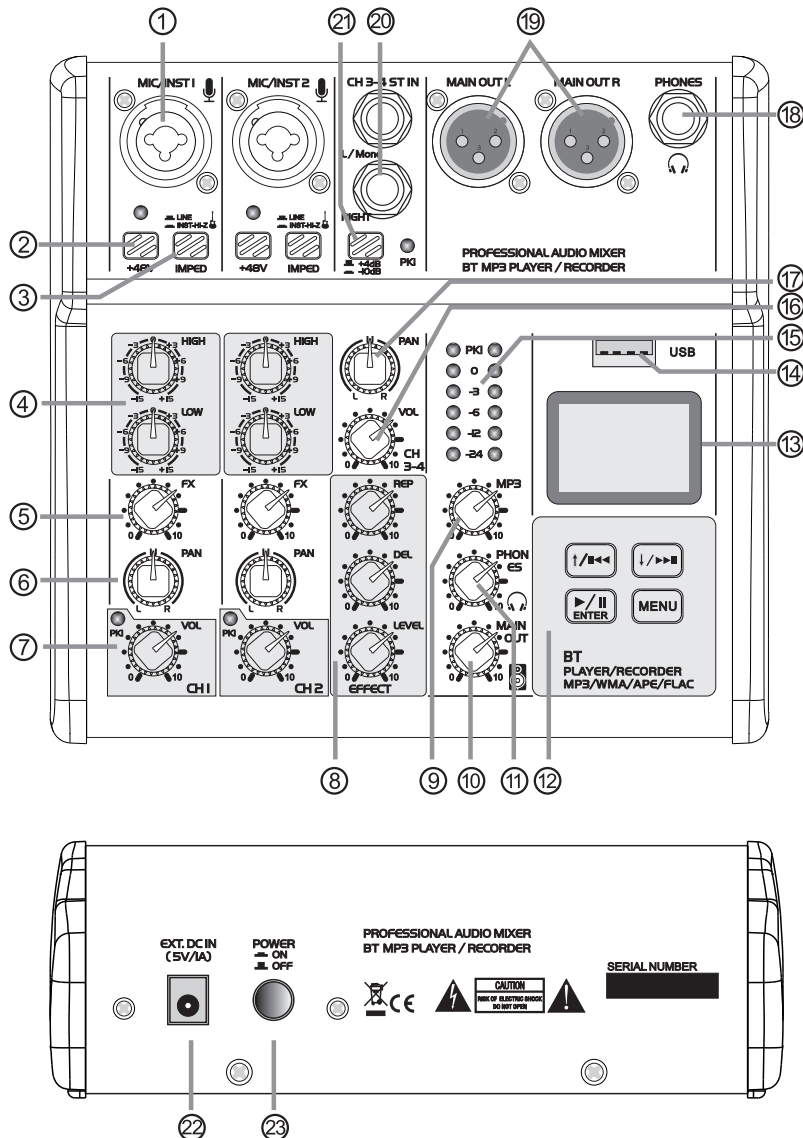
24.6. Connect the computer. In the main menu, select and confirm the “Connecting computer” item. Use the USB cord to connect with the USB port of the computer. It can be used as the USB sound card to play the music.

24.7. Any setup changes will be stored and memorized at the time of switch-off.

Schematic diagram of equipment connection



Front panel function



Front panel function

1, Mike/Line/Guitar input jacks of MIC channel

The jacks are used to connect microphones or other audio devices in support of cannon plugs and 6.35 plugs.

2, +48V phantom switch / LED

When this switch is turned on, the +48V LED lights and DC +48 V phantom power is supplied to the XLR plug on MIC input jack.

NOTICE

Be sure to leave this switch off if you do not need phantom power. Follow the important precautions below, in order to prevent noise and possible damage to external devices as well as the mixer if you turn this switch on. Be sure to leave this switch off when you connect a device that does not support phantom power to channel. Make sure to turn this switch off when connecting/disconnecting a cable to/from channel. Slide the knob on channel to minimum before turning this switch on/off.

3, Guitar/Line input shifter

The switch is used to shift the connections to different sound sources of the input channels. Switched up, the input channel can be connected directly with a high-impedance audio device such as an electric guitar or a bass. Switched down, it can be connected to a low-impedance sound device.

Warning!

In operation of the switch, all level output control (such as channel volume knobs, monitor output knobs and earphone knobs) should be set up to the minimum position. Because this operation will cause a sudden impact sound, which can damage the external devices, and the hearing of the personnel on site.

4, Mic input CH 2 band EQ

This is a high quality, sensitive, 2 segment equalizer that adjusts the overall tone of the channel. The adjustment waveform of the high and low bass equalizer is the shape of the broom, which affects the frequency of 12KHz and the sound below 80Hz;

5, FX send knob

Adjust the size of the signal sent to the digital effect processor. The signal transmitting point is located after the volume knob of the channel;

6, PAN knob

Positions the channel signal between L/R in the stereo mix;

7, MIC input volume knob / peak LED:

Adjust the volume of the sound input from the microphone or other source connected to channel. When the peak light flashes, indicating that the input signal is too high, please turn the volume knob to the left to reduce the volume. In normal use, please avoid the peak light for a long time;

8, the digital effect processor adjusts the knob:

REP: adjust how many times the echo repeats;

DEL: adjust the time interval between each echo.

LEVEL: adjust the volume of the effect processor.

9, MP3 audio signal volume knob:

Adjust the audio signal level from the MP3 player;

10, MAIN output volume knob;

11, Phones output volume knob;

12, the MP3 Player / Recorder controlled keyboard;

13, the MP3 Player / Recorder LCD display;

14, the MP3 Player / Recorder USB port;

15, MAIN output level meter;

16, The stereo input channel volume knob;

17, The stereo input channel balance knob;

18, 6.35mm specification for stereo headphone output interrupts;

19, MAIN output jacks:

XLR balanced output interrupt for the connection of active speakers, power amplifiers or other audio devices.

20, 6.35mm-spec stereo line input jack:

FCC Caution.

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

Note: 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.

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