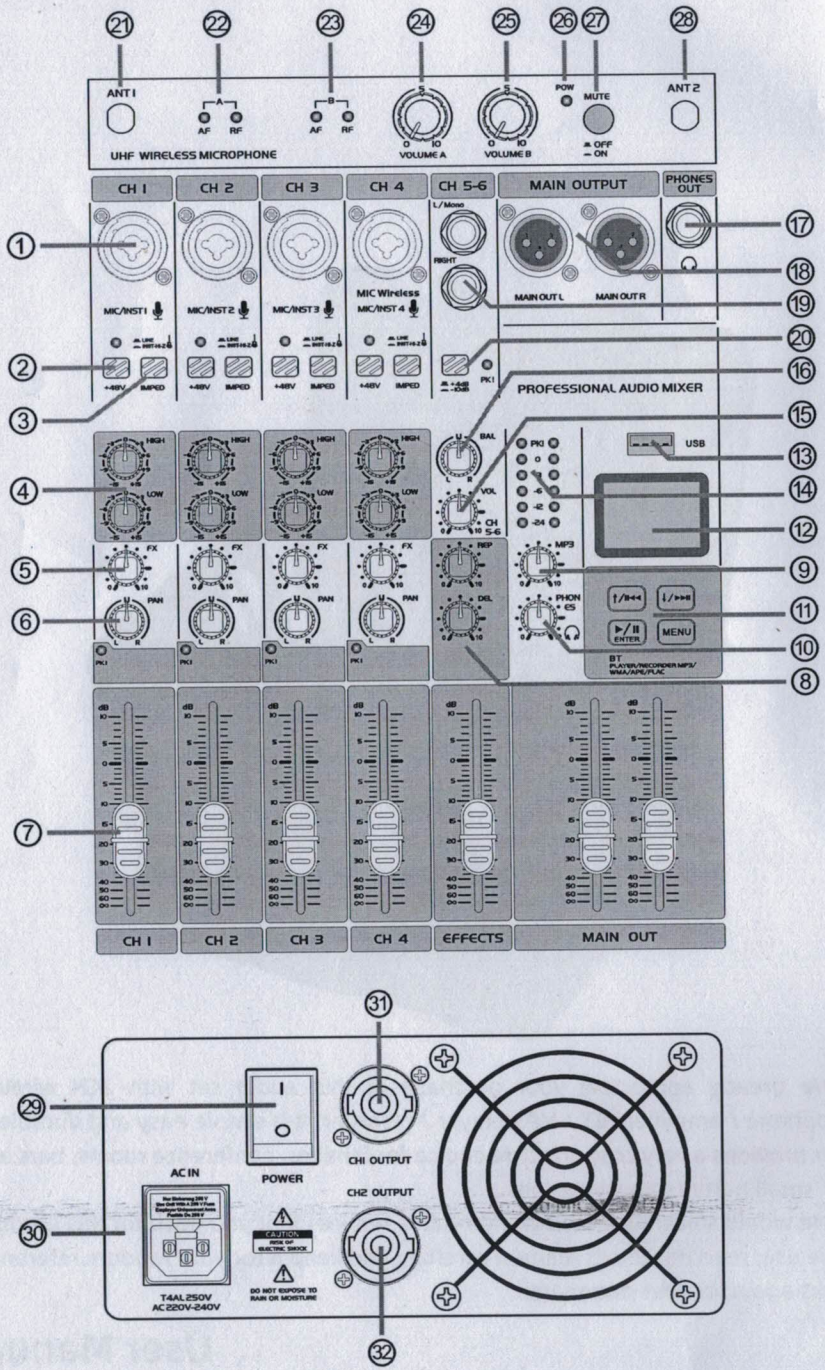
Front panel function



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 plug 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 t the XLR plug on MIC input jack .

NOTICE

Be sure to leave this switch off if you do not need phantom power. Follow the importan precautions below, in order to prevent noise and possible damage to external devices as we as the mixer if you turn this switch on .Be sure to leave this switch off when you connect device that does not support phantom power to channel . Make sure to turn this switch o when connecting/disconnecting a cable to/from channel . Slide the knob on channel t 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 inpu channels.Switched up, the input channel can be connected directly with a high-impedanc audio device such 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, monito output knobs and earphone knobs) should be set up to the minimun position. Because thi operation will cause a sudden impact sound, which can damage the external devices, and th 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 th channel. The adjustment waveform of the high and low bass equalizer is the shape of th 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 i 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 fader/ peak LED:

Adjust the volume of microphone or the input source connected with channel.

PEAK light flashes, it indicates the input signal is too high, please push down the fader t lower the volume. Under normal use, please avoid peak LED lighting for long time.

The CH4 - wireless mic input.

EFFECTS fader, adjust the volume of DSP in main mixing.

MAIN OUT fader, adjust the volume of main output.

8, The digital effect processor adjusts the knob:

REP: adjust how many times the echo repeats.

DEL: adjust the time interval between each echo.

9, MP3 audio signal volume knob:

Adjust the audio signal level from the MP3 player;

10, Phones output volume knob;

11, The MP3 Player / Recorder controlled keyboard;

12, The MP3 Player / Recorder LCD display;

13, The MP3 Player / Recorder USB port;

Front panel function

14, MAIN output level meter;
15, The stereo input channel volume knob;
16, The stereo input channel balance knob;
17, 6.35mm specification for stereo headphone output interrupts;
18, MAIN output jacks:
XLR balanced output interrupt for the connection of active speakers, power amplifiers or other audio devices.
19, 6.35mm-spec stereo line input jack;
20, The stereo line input signal sensitivity selection button, bounce to +4dB, press 10dB;

21, Antenna 1
22, AF-A RF-A
23, AF-B RF-B
24, Volume control A
25, Volume control B
26, Power indicator light
27, Mute key
28, Antenna 2

29, Power Switch
30, AC Cord (220V~240V / 110V~120V)
Plug this cord into the power supply socket.
31, Channel 1 Output
32, Channel 2 Output

33, BT / MP3 player/recorder operation instructions:
33.1. 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

33.2. 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.

33.3. 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.

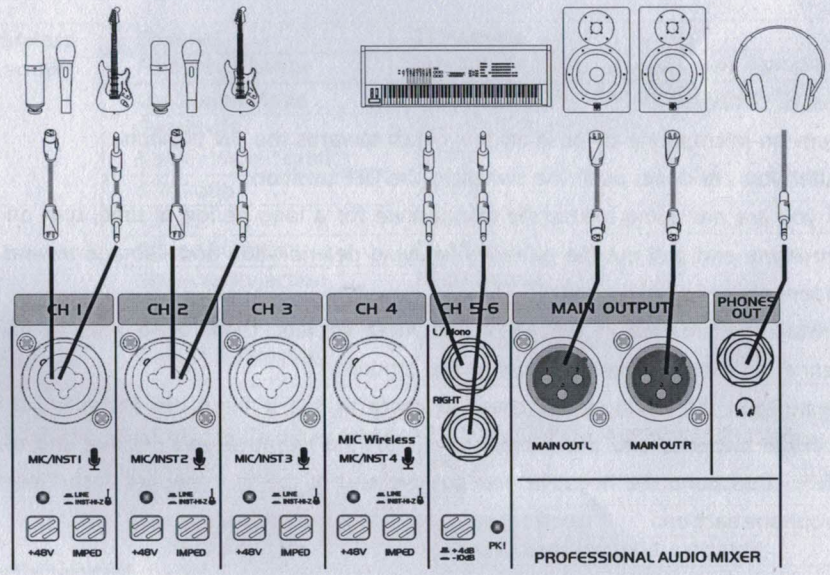
Front panel function

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

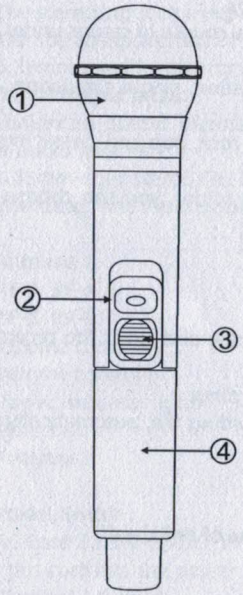
33.5. Record mode:
Under the interface of playing music, long press the "menu" key, and enter the recordi
work mode:
A.Shortly press "Play" key, start the recording or pause the recording;
B.Long press "Play" key, finish the recording and save the recording file, automatically c
and return to the play interface;
C.Recording file format: MP3/48Khz sampling/128Kbs bit rate.

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

Schematic diagram of equipment connection



Optional Transmitter



① Cartridge module

② Operating indicator

③ Power switch

④ Battery cover

Note : When the operating indicator lights up red, it means that the battery is low. When it light up green, it means that the battery is good. When there is no light, it means the microphone is off.

Operation:

1) Install batteries.

2) Turn on microphone by pushing the switch towards the ON position.

3) After you are done, push the switch to the OFF position.

4) If you are not going to use the microphone for a long period of time, turn off the microphone and pull out the batteries to avoid deterioration and damage toward the components.

5) Install the antenna in the ANT1 and ANT2 sockets, then rotate right to fix the antenna, till the antenna is vertical to the ground.

6) Push/Open the microphones cover to check to see if there are batteries. If not, install the batteries into the microphones with the negative and positive end of the battery correspond the negative and positive end of the microphone. Push/Close the microphone back on.

General Specifications

System	System Type	Audio Set
	AC input	220 -240V 50/60Hz 110 -120V 50/60Hz (depending on the regio
Amplifier	Type	Class D amplifier
	Rated Power	600W (2×300W Stereo)
	Output connection	4-core XLR ohm plug AMP output
Mixer	Input Channels	Mono (MIC/LINE): 4 Stereo (LINE):
	Output Channels	MAIN L/R OUT: 1 PHONES: 1
	Input Channel Function	
	CH1/2 MIC/LINE	GAIN, -14~+40 dB
		2 band EQ, 80Hz/12KHz,±15dB
		+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	≤0.05%
	Stereo crosstalk	90 dB
Wireless Receiver	Channel	2 Channels
	Frequency Range	UHF 500~980MHz (depending on the region)
	Oscillation Mode	PLL phase-locked frequency synthesizer
	Sensitivity	S/N>80dB input 6dBuV
	Carrier Wave Stability	10PPM
	S/N Ratio	>105dB
	T.H.D.	<0.5% @ 1KHz
	Image Rejection	85 dB typical
	Spurious Rejection	75 dB typical
	Working Distance	50M(max)
	Output Connector	XLR Balanced Socket
		Unbalance TRS 6.35mm Socket
Handheld MIC	Frequency Range	UHF 500~980MHz (depending on the region)
	Cartridge gain	fixed gain
	Transmitter power	13dB
	Consumption drain	Standard<130mA
	Cartridge type	Moule dynamic cardioid cartridge