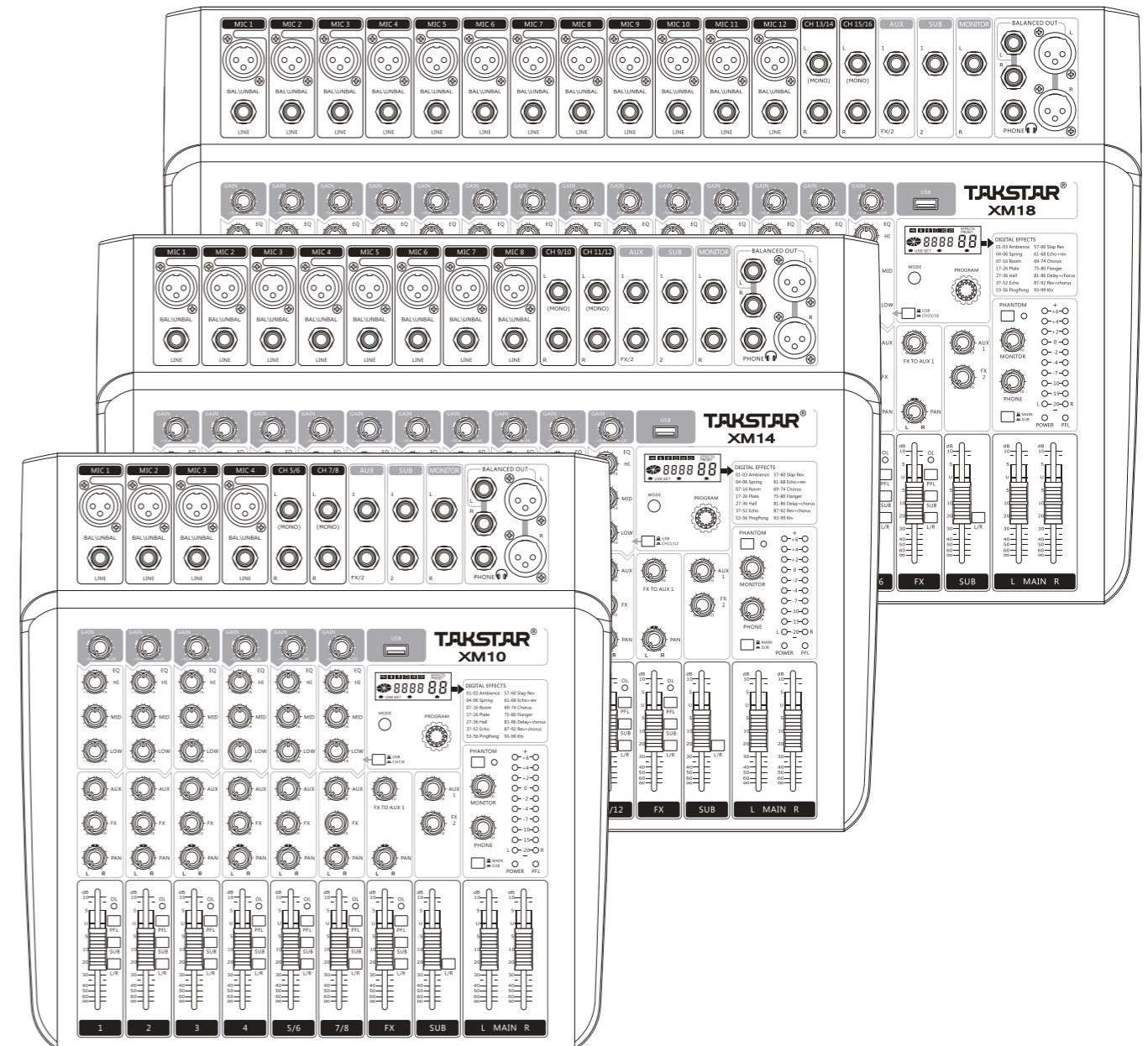




扫一扫，了解更多产品
Scan for more
product information



广东省电声工程技术研究开发中心 广东得胜电子有限公司制造

地址：广东省惠州市博罗县龙溪街道富康一路2号

服务热线：400 6828 333 传真：0752 6383950

邮箱：xs@takstar.com

网址：www.takstar.com

Guangdong Takstar Electronic Co., Ltd.

Address: No. 2 Fu Kang Yi Rd., Longxi Boluo

Huizhou, Guangdong 516121 China

Tel: 86 752 6383644 Fax: 86 752 6383952

Email: sales@takstar.com

Website: www.takstar.com

8/12/16路输入
多功能
模拟调音台

* 本说明书的内容为出版时最新的技术规格。

* the contents of this manual are the latest technical specifications at the time of publication.

Important Safety Instructions



This symbol, wherever used, alerts you to the presence of un-insulated and dangerous voltages within the product enclosure. These are voltages that may be sufficient to constitute the risk of electric shock or death.



This symbol, wherever used, alerts you to important operating and maintenance instructions.

Please read.



Protective Ground Terminal



AC mains (Alternating Current)



AC mains (Alternating Current)

ON:

Denotes the product is turned on.

OFF:

Denotes the product is turned off.

WARNING

Describes precautions that should be observed to prevent the possibility of death or injury to the user.



CAUTION

Describes precautions that should be observed to prevent damage to the product. Disposing of this product should not be placed in municipal waste but rather in a separate collection.

WARNING

Power Supply

Ensure that them a inssource voltage (AC outlet) matches the voltage rating of the product. Failure to do so could result in damage to the product and possibly the user. Unplug the product before electrical storms occur and when unused for long periods of time to reduce the risk of electric shock or fire.

External Connection

Always use proper ready-made insulated mains cabling (power cord). Failure to do so could result in shock/death or fire. If in doubt, seek advice from a registered electrician.

Do Not Remove Any Covers

Within the product are areas where high voltages may present. To reduce the risk of electric shock do not remove any covers unless the AC mains power cord is removed. Covers should be removed by qualified service personnel only.

No user serviceable parts inside.

Fuse

To prevent fire and damage to the product, use only the recommended fuse type as indicated in this manual. Do not short-circuit the fuse holder. Before replacing the fuse, make sure that the product is OFF and disconnected from the AC outlet.

Protective Ground

Before turning the unit ON, make sure that it is connected to Ground. This is to prevent the risk of electric shock.

Never cut internal or external Ground wires. Like wise, never remove Ground wiring from the Protective Ground Terminal.

Operating Conditions

Always install in accordance with the manufacturer's instructions.

To avoid the risk of electric shock and damage, do not subject this product to any liquid/rain or moisture. Do not use this product when in close proximity to water.

Do not install this product near any direct heat source. Do not block areas of ventilation. Failure to do so could result in fire.

Keep product away from naked flames.

IMPORTANT SAFETY INSTRUCTIONS

Read these instructions

Follow all instructions

Keep these instructions. Do not discard.

Heed all warnings.

Only use attachments / accessories specified by the manufacturer.

Power Cord and Plug

Do not tamper with the power cord or plug. These are designed for your safety.

Do not remove Ground connections!

If the plug does not fit your AC out let seek advice from a qualified electrician.

Protect the power cord and plug from any physical stress to avoid risk of electric shock.

Do not place heavy objects on the power cord. This could cause electric shock or fire.

Cleaning

When required, either blow off dust from the product or use a dry cloth.

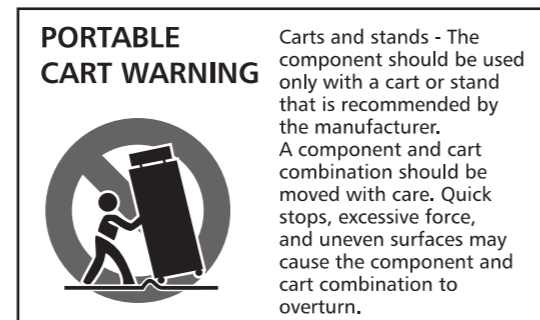
Do not use any solvents such as Benzol or Alcohol.

For safety, keep product clean and free from dust.

Servicing

Refer all servicing to qualified service personnel only.

Do not perform any servicing other than those instructions contained within the User's Manual.



Introduction

Thank you for purchasing this multi-function analog XM series mixer from TAKSTAR.

It has 4 / 8 / 12 way ultra low noise preamplifier, 48V phantom power, 4 way stereo input, 1 way USB stand Body sound input; each channel with 3 balanced EQ、REC、SUB、Monitor、24-byte digital effectors.

There are 99 effect options.

Please read the user instructions carefully before using your product.

Features

- 8 inputs,including 4 mics+ 2 Stereos(L+R)
- 12 inputs,including 8 mics+ 2 Stereos(L+R)
- 16 inputs,including 12 mics+ 2 Stereos(L+R)
- 3 band EQ
- 60mm logarithmic fader
- PAN, MUTE, THD signal lamp
- AUX + FX send
- Supports 24-bit/48kHz recording
- Built-in 99 kinds of 24BIT DSP +LCD color display
- Group output of SUB1/2
- Double 10 level monitoring, 48V phantom power supply
- USB/REC Player, Bluetooth
- Independent monitoring + Headphones monitoring for output
- Built-in 110V/240V, 50-60Hz broadband power supply

Application

Suitable for all kinds of small & medium activities, conferences, multi-function hall, small performance

Product Configuration

Mixer	1
User's Manual	1
Power Cord	1

Contents

Cautions11

INSTALL SAMPLE(FRONT PANEL)..... 14

Panel Function15

- 1. XLR INPUT15
- 2. LINE INPUT15
- 3. STEREO LINE INPUT15
- 4. GAIN CONTROL15
- 5. HIGH15
- 6. MID15
- 7. LOW15
- 8. AUX15
- 9. FX15
- 10. PAN15
- 11. OL(PEAK)16
- 12. PFL Switc/PFL LED16
- 13. L/R and SUB Button16
- 14. FADER16
- 15. USB16
- 16. USB and Stereo Line Switch16
- 17. FX TO AUX16
- 18. FX FADER16
- 19. SUB Fader16
- 20. MAIN FADER(LEFT/RIGHT)16
- 21. AUX Send17
 - FX Send17
- 22. MAIN / SUB Switch17
- 23. CONTROL ROOM Knod17
- 24. LEVEL METERS17
- 25. PHANTOM(+48V)17
- 26. DISPLAY / MODE / PROGRAM17

- 27. AUX/FX Jack18
- 28. SUB1-218
- 29. MONITOR(L, R)18
- 30. PHONES18
- 31. BALANCED OUT18

Back panel function

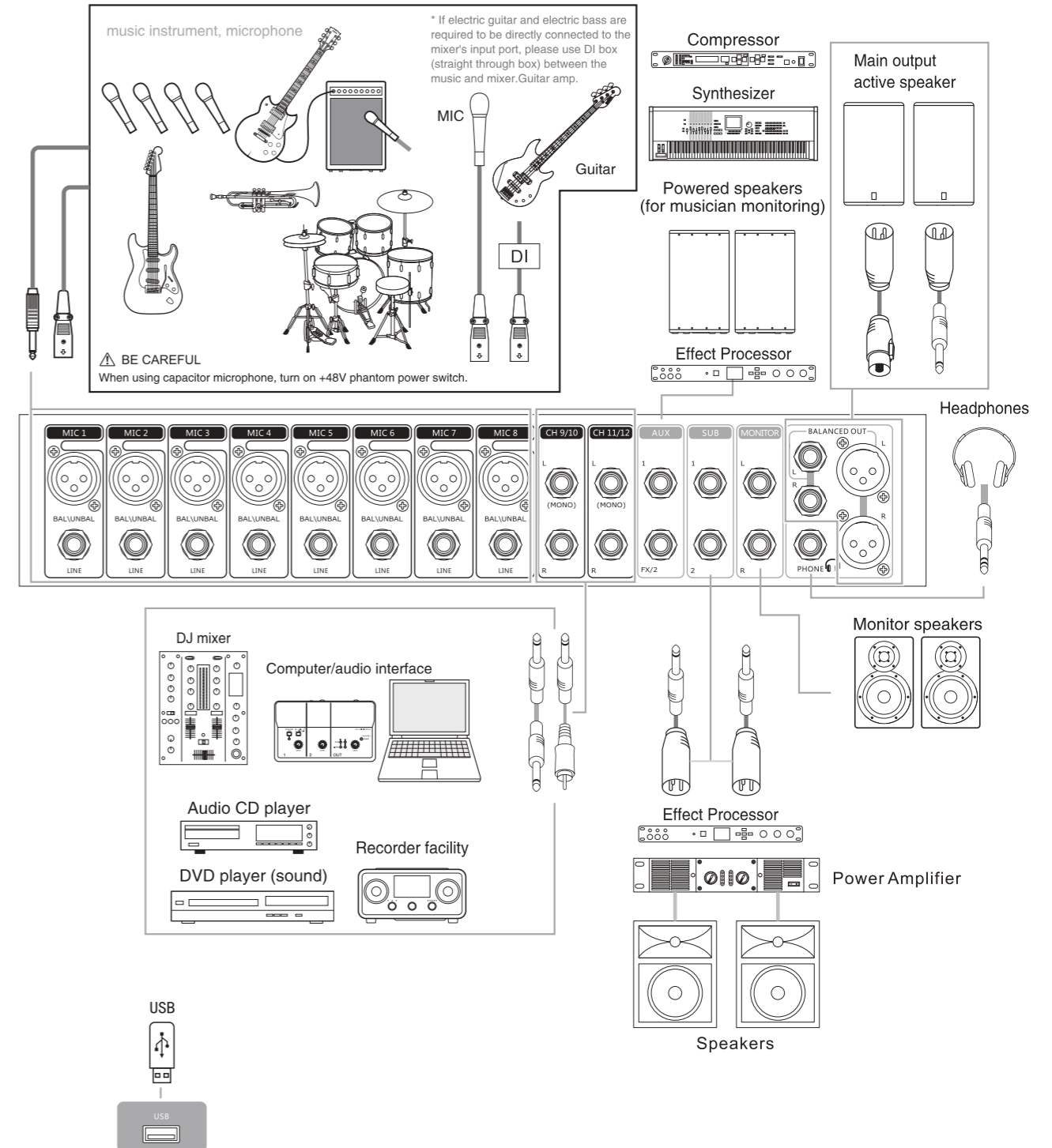
- 32. AC Jack18
- 33. PPOWER Switch18

Specifications19

Safety warnings20

INSTALL SAMPLE

FRONT PANEL



Panel Function

1. XLR INPUT

Electronically Balanced inputs acceptable a standard XLR male connector. +48V Phantom Power available on each input Mic socket. And this switch is on Rear Phantom Power.

2. LINE INPUT

The unbalanced Mic input is provided for the use of a unbalanced mic and is designed to accept a unbalanced high impedance input signal. (This use for connection Deck, Turntable, Keyboard ect.)

3. STEREO LINE INPUT

Unbalanced TRS type line stereo input jack.

4. GAIN CONTROL

Sets the volume of the microphone or line input signal provided to this channel. The GAIN knob is used to adjust the sensitivity of the microphone and the input signal of the circuit. This allows external signals to be adjusted to the desired internal control level.

5. HIGH

Control the high frequency tone of each channel, Always set this control to the 12 o'clock position, but you can control the high frequency tone according to the speaker, the conditions of listening position and listener's taste, Clockwise rotation of the control increases level.

6. MID

This has a function which controls the middle frequency tone of each channel. Always set this control to the 12 o'clock position, but you can control the middle frequency tone according to the speaker, the conditions of listening position and listener's taste. Clockwise rotation of the control increases the level, and vice versa.

7. LOW

Control the low frequency tone of each channel. Always set this control to the 12 o'clock position, but you can control the middle frequency tone according to the speaker, the conditions of listening position and listener's state. Clock wise rotation of the control increase the level.

8. AUX

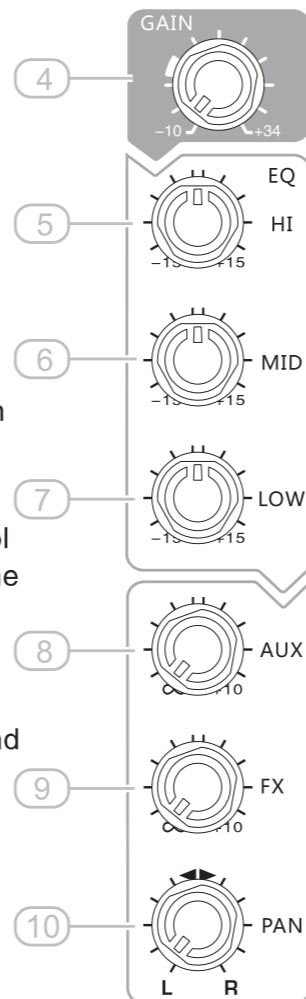
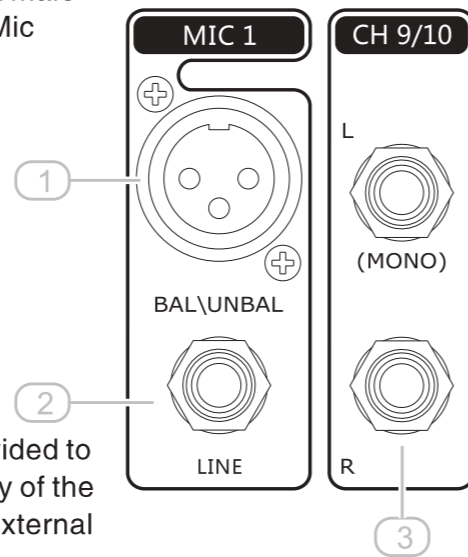
Use this control to set the level of signal from external stereo source and the main signal control is recontrolled by STEREO or MONO section.

9. FX

Use this control when you want to get effect sound by adjustment of input signal. when you don't use external source, digital delay will be working which installed inside.

10. PAN

The pan control sends continuously variable amounts of the post fader signal to either the left or right main busses. In the center position equal amounts of signal are sent to the left and right busses.

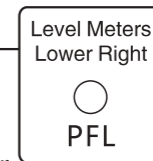


11. OL(PEAK)

A red LED indicates a signal level at the insert return point.

12. PFL Switch/PFL LED

You can monitor the signal of the only channel which PFL switch is turned "ON" using by headphone in useful. When PFL switch turned on, other channels off cut off automatically.



13. L/R and SUB Button

Press the switch to output the channel signal to the corresponding SUB marshalling or MAIN bus.

- Switch SUB 1-2: assign channel signals to sub1-2 marshalling (bus).
- MAIN switch: allocates channel signals to the MAIN L and R buses.

14. FADER

This is function to adjust the volume of signal connection into each channel and adjust the volume of output, together with master fader. Normal operation is at the "U" mark, providing 4dB of gain above that point, if required.

15. USB

Used to connect to USB flash drive and computer connection. (support computer recording)

Supported :MP3 or WAV/WMA/FLAC or as a USB audio device

- flash memory capacity and format
USB flash operation has been proven to be compatible with up to 64GB flash. (there is no guarantee that it will work with all types of USB flash memory.) Support for FAT16 and FAT32 formats
- Avoid accidental deletion
Some USB flash devices have protection Settings to prevent data from being accidentally deleted. If your flash device contains important data, it is strongly recommended that you use write protection Settings to prevent data from being accidentally deleted.

16. USB and Stereo Line Switch

Used to switch input signals on usb and Stereo. Turn off the switch (■) when connecting to USB. Turn on the (■) switch when the instrument with the output LINE signal is connected to the Stereo Line input jack.

17. FX TO AUX

Sends the signal from FX to AUX. Only the pre-fader signal can be sent.

18. FX FADER

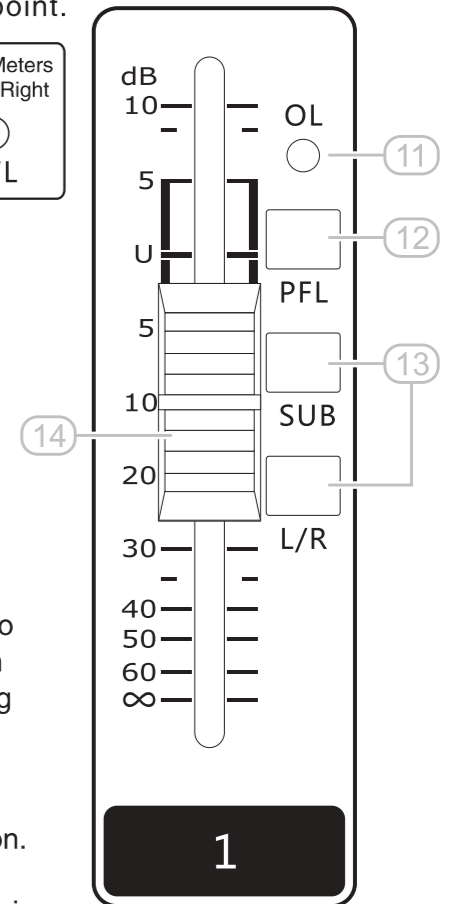
This push can control the semaphore that the adjuster returns to the main channel bus, thus adjusting to the effect volume

19. SUB Fader

This fader controls the level of the marshalling signal, from "off" to "0" unified gain, and then to 10 db the additional gain.

20. MAIN FADER(LEFT/RIGHT)

This is a master fader for adjustment for volume of left/right output. Unity gain is the top their travel.



21.AUX Send

Controls the overall level of signals emitted from the AUX output.

FX Send

Control the overall level of the signal emitted from the FX output.

22.MAIN / SUB Switch

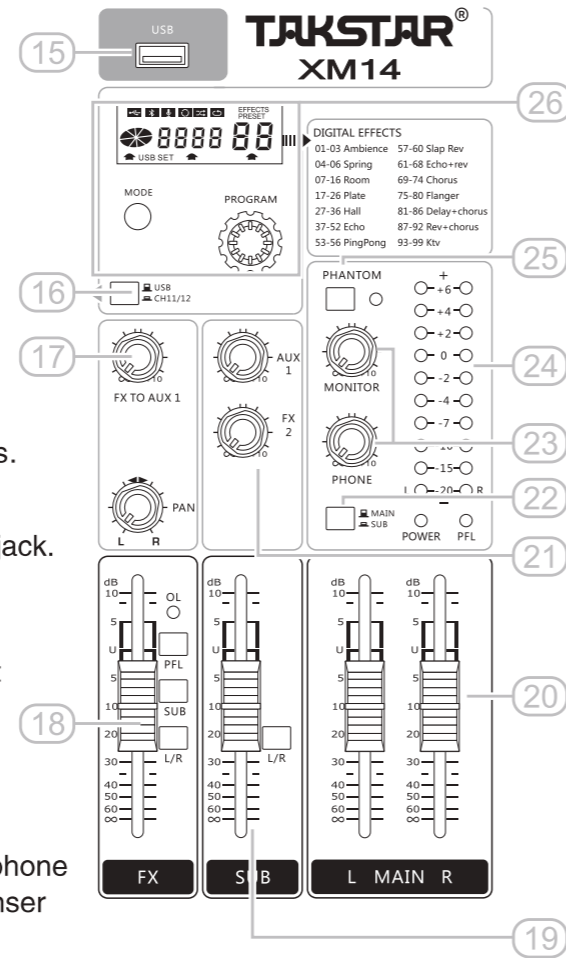
Under normal state (▲), the sound source signal is sent directly to the main channel.Press (▼) to send the sound source signal to the group channel.

23.CONTROL ROOM Knod

Adjust the signal level output to the Powered speakers.

PHONES Knod

Adjusting the level of the signal output to the [PHONES] jack.



24.LEVEL METERS

This is level meter which shows output levels of left &right channel condition on the way of operation,therefore,you can see output condition thru this master level indication.

25.PHANTOM(+48V)

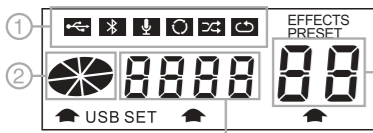
Depressing this switch applies 48V DC across all microphone input channels connectors for remote powering of condenser microphones.

26.DISPLAY / MODE / PROGRAM

A.DISPLAY

- 1.Function Display
- 2.Display the running status or bluetooth connection status
- 3.song time display/song number display
- 4.effect types (please refer to the list of effects on the right)

01-03 Ambience	57-60 Slap Rev
04-06 Spring	61-68 Echo+rev
07-16 Room	69-74 Chorus
17-26 Plate	75-80 Flanger
27-36 Hall	81-86 Delay+chorus
37-52 Echo	87-92 Rev+chorus
53-56 PingPong	93-99 Ktv



B.MODE

Used to switch ① Function, ③ Playback, ④ Effect

C.PROGRAM

- Used ① Feature selection
- Add/right ③ Play/Pause/Song selection
- Left/minus ④ Effect category selection
- Rotate the selected track and press Confirm the current selection.

Operational control instructions

- A.[PLAY MODE] (touch the key lightly) : Press short: select the operation function of the encoder, and then press in turn Is: mode switch, player operation, effect type switch, white arrow indicates the corresponding function.
- B. [PLAY MODE] (touch the key lightly) : Long press:
1. In the recording mode or in the stop recording state, you can enter the mode of playing recording files.
 2. In non-recording mode, you can quickly enter the mode of playing recorded files.
- C. [PROGRAM] key (encoder key) : short press
1. When the white arrow is on the left (mode switch) and the mode icon is flashing, make sure to switch to the current flashing Display mode.
 2. When the white arrow is in the middle (player operation), control to run or pause (including playback and recording)
 3. When the white arrow is in the middle (player operation) and the rotary encoder pre-selected play track is valid, confirm to play the current corresponding song.
- D. [PROGRAM] (encoder key): long press
1. The white arrow is in the middle (player operation), and the control stops (including playback and recording).
 2. The white arrow is in the middle (player operation). When the recording has stopped, you can enter the mode of playing the recording file.
 3. The white arrow is in the middle (player operation). In the Bluetooth mode, the current Bluetooth connection can be disconnected.
- E. [PROGRAM] encoder
1. The white arrow is on the left (mode switching), the mode is pre-selected, and the corresponding mode icon flashes, in sequence it is U disk/sound card, Bluetooth, recording, sequential play, random play, single loop (short press [PROGRAM] key to confirm switching).
 2. The white arrow is in the middle (player operation). When the U disk or SD card is playing, pre-select the play track.
 3. The white arrow is in the middle (player operation), when the Bluetooth, sound card, and recording file are playing, switch the previous/next song.
 4. The white arrow is on the right (switching effect type) to switch the effect type.
- F. When playing the recording file of the USB flash drive, the icons of the USB flash drive and the recording are displayed at the same time for instructions.

27.AUX/FX Jack

You use these jacks, for example, to connect to an external effect device or a stage/studio monitoring system. These are impedance-balanced * phone-type output jacks.

28.SUB1-2

These impedance-balanced 1/4" TRS jacks output the SUB 1-2 signals.

Use these jacks to connect to the inputs of a multi-track recorder, external mixer, or similar device.

29.MONITOR(L, R)

These are impedance-balanced 1/4"TRS phone output jacks that you connect to your monitor system. These jacks output the signal before or after the faders for the various buses.

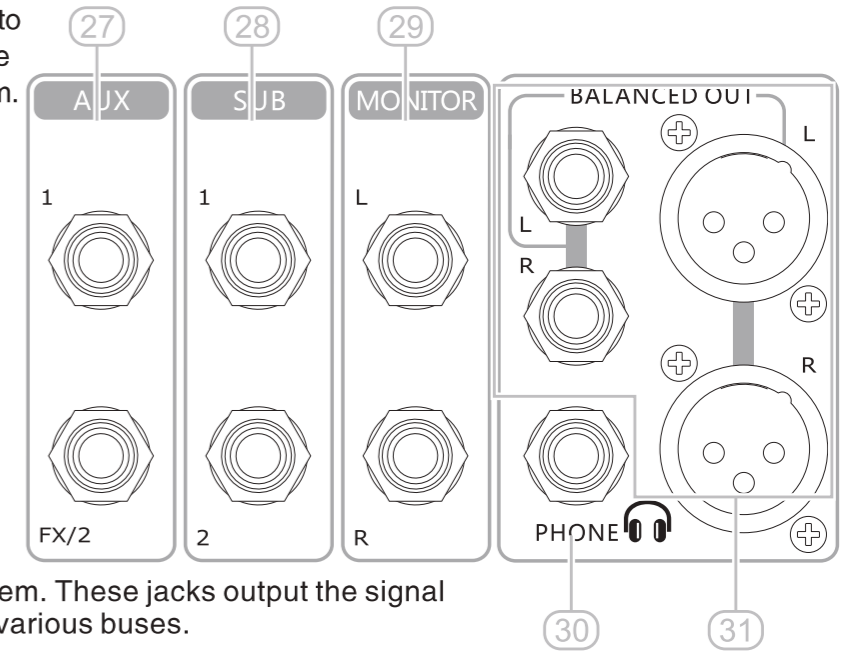
30.PHONES

This is used for monitoring the master signal and individually monitoring each channel with PFL,L/R&SUB 1-2.

31.BALANCED OUT

Here are two main output interfaces: the convex XLR jacks provide balanced circuit information; The 1/4" TRS jack provides a balanced or unbalanced signal. Each xlr jack is parallel to its 1/4" trs jack, and the load phase Same signal.

This represents the last part of the entire mixing chain, connecting these jacks to you Main power on, active speaker, or a series of effect processors to make your mixing signal real the entity appears.



Back panel function

32.AC Jack

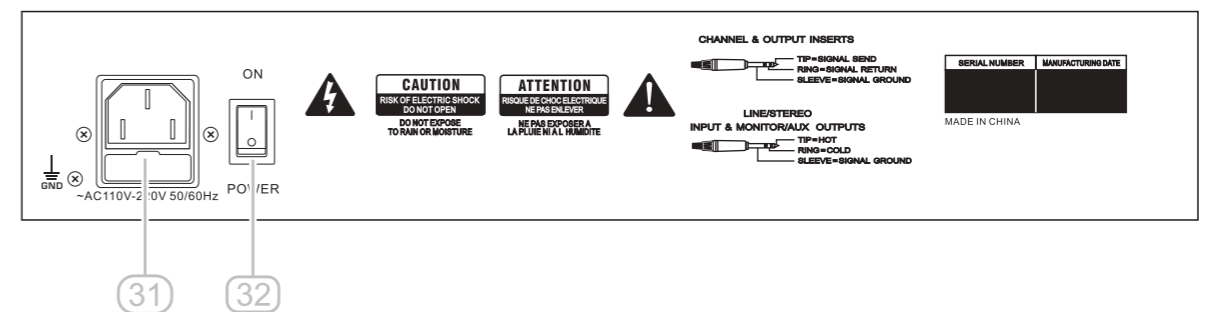
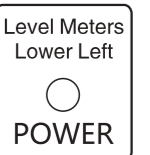
Standard iec power interface, if the power line provided by this mixer, can also use professional video recorder, musical instruments, computer three-hole iec wire connection.

33.PPOWER Switch

Turns power to the unit on or off. Press the switch to the "I" position to turn on the power. Press the switch to the "O" position to turn off the power.

POWER LED

The indicator on the mixer will light up when the POWER switch is turned on.



Specifications

0 dBu=0.775 Vrms, 0 dBV=1 Vrms

If you do not specify all the pushes will be set to the nominal position.(nominal position adjusted to 10 dB below maximum position)

Output impedance (Rs) of the signal generator =100 ohm, output load impedance =100k ohm (TRS phone output)

GAIN (0dBu)	INPUT		CHANNEL	
	GAIN	0dB IN	MIC	LINE
			5dB~50dB	-10dB~34dB
	INSERT		-	-
	MONITOR OUT	MAX (ALL MAX)	67dB	51dB
	PHONES OUT	MAX (ALL MAX)	67dB	51dB
		0dB(GAIN Control at 0dB)	0dB	0dB
	STEREO OUT	MAX (ALL MAX)	64dB	48dB
		0dB(GAIN Control at 0dB)	5dB	0dB
	CMRR	0dB(GAIN Control at 0dB)	62dB	-
THD 0dB	STEREO OUT (GAIN Control at 0dB)		0.01%	0.01%
	PHONES OUT (GAIN Control at 0dB)		0.01%	0.01%
Signal to Noise Ratio	STEREO OUT		90dB	84dB
	MONITOR OUT		82dB	74dB
Noise	MONITOR OUT(Fader at 0dB)		-86dBu	
	STEREO OUT(Fader at 0dB)		-88dBu	
	STEREO OUT(Fader at MIN)		-92dBu	
EMI			-122dB	

The contents of this manual are the latest technical specifications at the time of printing.As the product will continue to improve, the specifications in this manual may not be in accordance with your product specifications. Please go to the website to download the latest version of the manual.Technical specifications, equipment or accessories may vary from place to place, so please contact and confirm with local distributor.

Safety warnings

In order to avoid personal injury or property loss caused by electric shock, high temperature, fire, radiation, explosion, mechanical hazard and improper use, please read carefully and observe the following matters when using this product:

1. When using the product, please confirm whether the connected device matches the power of the product and reasonably adjust the volume. Do not use the product for a long time in excess of the power and high volume of the product, so as to avoid abnormal product and hearing damage;
2. Use if found abnormal (such as smoke, odor, etc.), please immediately turn off the power switch and unplug the power plug, and then send the product to dealers for maintenance;
3. The product and accessories should be placed in a dry and ventilated place indoors, and should not be stored in a humid and dusty environment for a long time. During use, avoid being near the fire source, rain, water, excessive collision, throwing, vibrating the machine and covering the ventilation hole, so as not to damage its function;
4. If the product needs to be fixed on the wall or ceiling, please ensure that it is fixed in place to prevent the product from falling risk due to insufficient fixed strength;
5. When using the product, please comply with the relevant safety regulations. Please do not use the product when it is expressly prohibited by laws and regulations to avoid accidents.
6. Please do not disassemble or repair the machine by yourself to prevent personal injury. If there is any problem or service demand, please contact the local dealer for follow-up treatment.



Only suitable for use in areas below 2000 meters



Only suitable for use in non-tropical climates

注意事项:

1. 本单为保修凭证, 请用户妥善保管, 如有遗失, 恕不保修或退换。
2. 保修期限制: 购买之日起十二个月内。
3. 除了不可抗力事件损坏外, 由本公司负责, 免费维修。
4. 如属保管不善或使用不当造成的损坏, 维修点将酌情收费。
5. 擅自拆卸维修者, 不予保修。
6. 以上保修条款仅限于中国市场适用 (不含港澳台地区)。

产品服务保证书

姓名: _____ 电话: _____ 地址: _____

商品: _____ 型号: _____ 购买日期: _____ 年 ____ 月 ____ 日

维修记录栏 (由维修员填写)	维修员签名	日期

◆广东得胜电子有限公司 ◆电话: 400-6828-333 ◆地址: 广东省惠州市博罗县龙溪街道富康一路2号