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# TAKSTAR® 得胜



## XR-210FX 模拟调音台 XR-210FX Analog Mixer

使用手册 | User Manual

## 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)



Danger: Live Terminals



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 the source 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 outlet 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.

### PORTABLE CART WARNING



Carts and stands - The component should be used only with a cart or stand that is recommended by the manufacturer. A component and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the component and cart combination to overturn.

## Preface

Dear Customer,

Thank you for purchasing our product. Read this manual thoroughly to use the product properly.

If you have any questions or suggestions, please contact our local sales service.

## Features

- 7 input channels, 4 of which are XLR mic inputs with 48V phantom power + 2 stereo line inputs.
- USB OTG interface for computer power supply and connectivity as a USB audio interface.
- One set of monitor speaker outputs, one headphone monitoring output.
- Built-in 99-preset 24-bit DSP effects processor with digital display.
- 3-band parametric EQ for channels 1-3.
- 4-segment output level meter for monitoring.
- Supports USB thumb drive recording up to 24-bit/48kHz.
- 45mm high-precision faders.

## Application

For livestreaming, home studios, home theater, karaoke, mobile music, music production, recording, rehearsals, and live performances.

## ■ Specifications

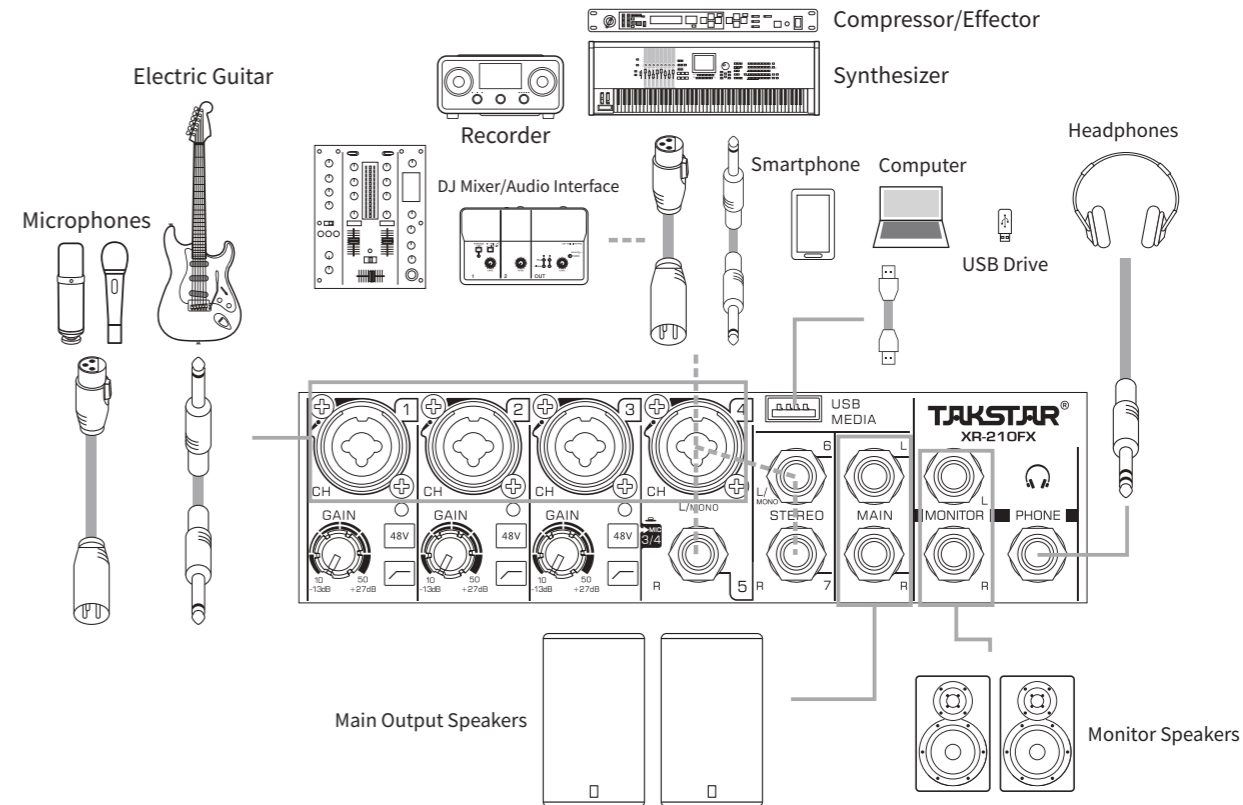
0 dBu=0.775 Vrms, 0 dBV=1 Vrms

All faders set to nominal position (10 dB below maximum); signal generator output impedance 100 ohms, input impedance 100k ohms (TRS phone outputs).

GAIN (0dBu)	INPUT \ OUTPUT		CHANNEL		STEREO
	GAIN	0dB IN	MIC	LINE	LINE
			10dB~50dB	-13dB~27dB	-18dB~18dB
PHONES OUT	MAX ( POST )		68	45	62
	MAX ( ALL MAX )		72	52	60
	0dB ( GAIN Control at 0dB )		0	0	0
STEREO OUT	MAX ( ALL MAX )		62	41	50
	0dB ( GAIN Control at 0dB )		0	0	0
CMRR	0dB ( GAIN Control at 0dB )		78	-	-
THD 0dB	STEREO OUT (GAIN Control at 0dB)		0.01%	0.01%	0.01%
	PHONES OUT (GAIN Control at 0dB)		0.01%	0.01%	0.01%
Signal to Noise Ratio 0dB	STEREO OUT		88	78	76
	PHONES OUT		87	76	75
Noise (Control at MIN)	PHONES OUT (Control at 0dB)			-85	
	STEREO OUT (Control at 0dB)			-86	
	STEREO OUT (Control at MIN)			-98	
LOW CUT			100Hz		
ENI			-124dB		

## ■ Function Overview

### Connection Examples





## ① TYPE-C Power Input

Used to connect the included USB power adapter and Type-C data cable to power the mixer.

### Note:

Please carefully read the safety precautions for the USB power adapter and Type-C data cable you are using.

USB power adapter and Type-C data cable specs:

Output voltage: 4.8V to 5.2V

Output current: 3A or higher


**PC/DC Switch** Switch between different connection modes. When connecting to a computer, switch to PC to enable signal transfer between the mixer and computer.

## ② MIC/LINE Input Jack

Used to connect mics, instruments, or external audio devices. The multi-function jack supports both XLR and TRS-type plugs.






## ③ PHANTOM Power Switch / [+48V] LED


When this switch is turned on , the [+48V] LED will light up, and 48V phantom power will be supplied to the plugs on the input jacks.



Turn on this switch when using condenser mics that require phantom power.

### Note:

If you do not need phantom power, be sure to keep this switch turned off . When it is turned on , to prevent noise and damage to the mixer and connected devices, please observe the following important precautions:

1) When connecting devices that do not support phantom power to the channels, ensure this switch is kept in the off position .

2) When connecting/disconnecting cables from the channels, ensure the switch is turned off .

Before turning the switch on  /off , lower the channel faders all the way down.

## ④ GAIN Knob

This GAIN knob is used to adjust the sensitivity of the mic and line-level input signals. This allows the incoming signals to be regulated to the ideal internal control level.

## ⑤ LOW CUT Switch (High-Pass Filter)

The mic input channels have a low cut switch (commonly called a high-pass filter), which can attenuate low frequencies below 100Hz by 12dB.



By adding the low cut function, you can safely use low-band EQ on vocals. In many cases, applying low-band EQ can indeed benefit the sound. But the problem is that adding low EQ also increases stage rumble, mic handling noise, and breathing sounds - this is where you can use the low cut to remove all those issues.

You can also add low EQ without using a subwoofer, increasing the flexibility of live performances.

## ⑥ EQ Knobs

Use the [HIGH] (high-frequency) and [LOW] (low-frequency) knobs to adjust the tone.

If no tonal adjustment is needed, set the knobs to the "0" (flat) position.

## ⑦ EFFECT Button

These buttons can activate effects on the channel, adding natural spatial ambience to the sound.

The default setting is with reverb turned off.

## ⑧ PEAK LED

This LED will light up when the input signal level is too high. If it lights up, turn the [GAIN] knob ④ to the left to reduce the volume.

## ⑨ LEVEL Knob

Used to adjust the channel signal level.

Note: To reduce noise, turn the volume of unused channels all the way down.

## ⑩ USB/BT LEVEL Knob

Used to adjust the level of the USB/BT channel signal.

## [MON and L/R] Toggle Switch

Used to route the USB/BT channel signal to the L/R main channel outputs.

## ⑪ PHONE Headphone/Monitor Knob

Used to adjust the volume of the headphones or monitor speakers connected to the [PHONE] output jack.

## ⑫ MAIN MIX Fader

Used to adjust the signal level output to the [MAIN OUT] jack.

## ⑬ EFFECT Level Knob

Used to adjust the effect level sent from the internal effector to the main bus.

## ⑭ Level Meter LED

The L and R meters display the output signal level from the [MAIN OUT] jack in 4 levels: +10, 0, -15 and -20 dB.

If the PEAK LED is continuously lit red, lower the [MAIN MIX] fader to reduce the volume.

## ⑮ Display/MODE Button/PROGRAM Knob

### A. Display

- 1) Function display
- 2) Operating status or Bluetooth connection status
- 3) Track time display/Track number display
- 4) Effect display (refer to the effect table on the right)



### B. MODE Button

Used to switch between ① Function, ③ Playback, and ④ Effects.

### C. PROGRAM Encoder



Clockwise/Up      Anticlockwise/Down

Rotate to select, press to confirm current selection.

Used for:

- ① Function selection
- ③ Play/pause/select track
- ④ Effect type selection

## ⑯ GAIN Switch

The stereo input has a GAIN switch to configure the signal level. This switch allows you to toggle between +4 dBu (High) and -10 dBV (LOW).

## 17 LINE Stereo Input Jack

For connecting line-level devices such as electronic keyboards or audio equipment. Use the [L/MONO] jack on the channel to connect mono output instruments. In this case, the sound input to the [L/MONO] jack will be output from both the left and right channels of the mixer.

## 18 USB Interface

For connecting a USB flash drive and computer (supports computer recording). Supported formats: MP3 or WAV/WVMA/FLAC, or as a USB audio device.

## 19 MAIN OUT

These are TRS output jacks for the mixed stereo signal. The signal from these jacks is controlled by the L/R main fader. These jacks can be connected to a power amplifier driving the main speakers.

## 20 MONITOR Output

These are balanced 1/4" TRS output jacks for connecting to a monitor system.

## 21 PHONES Headphone Jack

For connecting headphones. This jack supports stereo phone-type plugs. To connect a headset or earphones with a mini plug, use an [adapter] for the connection.

## Operation Controls

- A. MODE Button - Short Press: Select the operation function of the encoder, switching between mode selection, playback control, and effect type selection, with a white arrow indicating the corresponding function.
- B. MODE Button - Long Press:
- 1) In recording mode, when recording is stopped, can start playback of recorded files.
  - 2) In non-recording mode, can quickly start playback of recorded files.
- C. PROGRAM Button (Encoder Button) - Short Press
- 1) White arrow is on the left (mode selection) and the mode icon is flashing: confirm and switch to the currently flashing mode.
  - 2) White arrow is in the middle (playback control): play or pause media (including playback and recording).
  - 3) White arrow is in the middle (playback control), after rotating encoder to preview track selection: confirm playing current selected song.
- D. PROGRAM Button (Encoder Button) - Long Press
- 1) White arrow is in the middle (playback control): stop media (including playback and recording).
  - 2) White arrow is in the middle (playback control) and recording has stopped: start playing recorded files.
  - 3) White arrow is in the middle (playback control) and in Bluetooth mode: disconnect current Bluetooth connection.
- E. PROGRAM Encoder - Rotate
- 1) White arrow is on the left (mode selection): rotate to preview modes: USB drive/sound card, Bluetooth, recording, sequential playback, random playback, single-track loop (short press [PROGRAM] button to confirm switching).
  - 2) White arrow is in the middle (playback control), during USB or SD card playback: rotate to preview tracks to play.
  - 3) White arrow is in the middle (playback control), during Bluetooth, sound card, or recorded file playback: rotate to switch to previous/next track.
  - 4) White arrow is on the right (effect type selection): rotate to switch effect type.
- F. When playing recorded files from a USB drive, the icons for both the USB drive and recording will be displayed to indicate this.

## Safety Warnings

To avoid electric shock, overheating, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local after-sales service for repair.
3. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
4. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
5. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
6. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local after-sales service.
7. Product suitability for elevation and climate depends on the adapter. The adapter symbols indicate:



Only suitable for use  
in areas below 2000 meters



Only suitable for use  
in non-tropical climates

## About This Manual

This manual contains up-to-date technical specifications as of printing. However, specifications contained herein may not conform to your particular product since Takstar is constantly improving its products. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website: <https://www.takstar.com/>  
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### 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

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