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TAKSTAR® 得胜



XR-210FX 模拟调音台 XR-210FX Analog Mixer

使用手册 | User Manual

■ 前言

尊敬的用户：

感谢您选购得胜XR-210FX模拟调音台，为了您能够更好的了解使用本产品，建议您在使用前仔细阅读本说明书。

若存在有疑问或者您有宝贵的建议，可通过拨打得胜官方服务热线400 6828 333或微信扫描二维码关注得胜官方公众号与我们联系。



■ 产品特性

- 7路输入，4路带48V幻象供电麦克风输入+2路立体声输入
- USB OTG数据接口可连接电脑供电且播放电脑音乐充当声卡使用
- 一组监听音箱输出，一路耳机监听输出
- 内置99种24BIT DSP参数可调音频效果器，数字显示屏
- 1-3通道3段参量均衡调节
- 输出通道 4段电平监视
- 支持无线连接和U盘录播，最高支持24-bit/48kHz规格录音
- 45mm高精度电平衰减推子

■ 适用范围

适用于网络、游戏直播、家庭工作室、家庭影院、K歌、移动音乐、音乐创作、录音制作、演出排练、现场表演等多种应用场景。

■ 技术参数

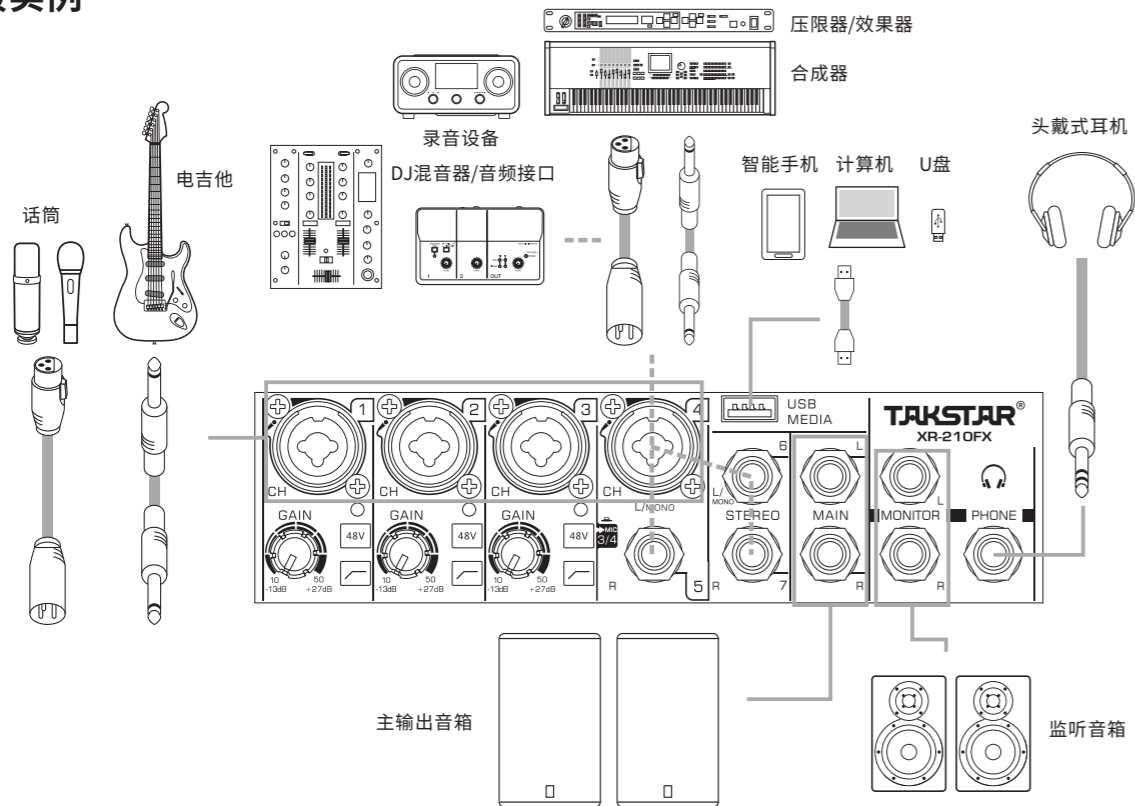
0 dBu=0.775 Vrms, 0 dBV=1 Vrms

如果没有指定，所有推子将设定到标称位置。(标称位置被调整到低于最大位置10 dB)信号发生器的输出阻抗(8s)=100 ohm, 输出负数阻抗 = 100k ohm (TRS phone 型输出)

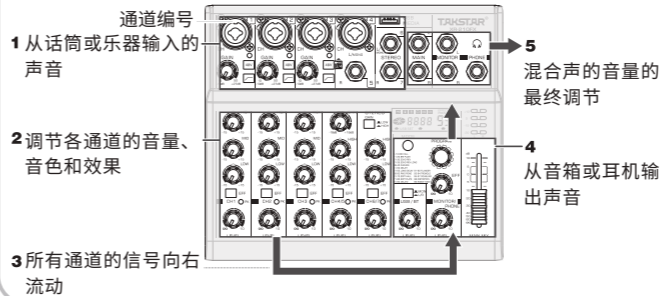
	输入 INPUT	输出 OUTPUT	CHANNEL(单声道)		STEREO(立体声)
			MIC(咪放)	LINE(线路)	LINE(线路)
增益 GAIN (0dBu)	增益GAIN	0dB IN	10dB~50dB	-13dB~27dB	-18dB~18dB
	PHONES OUT (监听耳机)	MAX (POST) 所有增益电位器最大	68	45	62
		MAX (ALL MAX) 所有增益电位器最大	72	52	60
		0dB (GAIN Control at 0dB) 增益电位器在0dB位	0	0	0
	STEREO OUT (立体声输出)	MAX (ALL MAX) 所有增益电位器最大	62	41	50
		0dB (GAIN Control at 0dB) 增益调到0dB	0	0	0
CMRR(共模抑制比)		0dB (GAIN Control at 0dB) 增益调到0dB	78	-	-
THD (总谐波失真) 0dB	STEREO OUT (GAIN Control at 0dB) 增益调到0dB		0.01%	0.01%	0.01%
	PHONES OUT (GAIN Control at 0dB)增益调到0dB		0.01%	0.01%	0.01%
Signal to Noise Ratio 信噪比 0dB	STEREO OUT (立体声输出)		88	78	76
	PHONES OUT 监听耳机输出		87	76	75
噪声 Noise (Control at MIN)	PHONES OUT/耳机输出 (Control at 0dB)		-85		
	STEREO OUT/立体声输出 (Control at 0dB)		-86		
	STEREO OUT/立体声输出 (Control at MIN)		-98		
LOW CUT 低切			100Hz		
ENI等效噪音输入			-124dB		

■ 功能示意

连接实例



1.基本操作:声音信号的路径

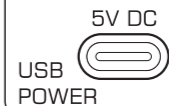


注 如果使用电容话筒, 请打开(+48V)幻象电源的开关。

2.基本操作:电源连接

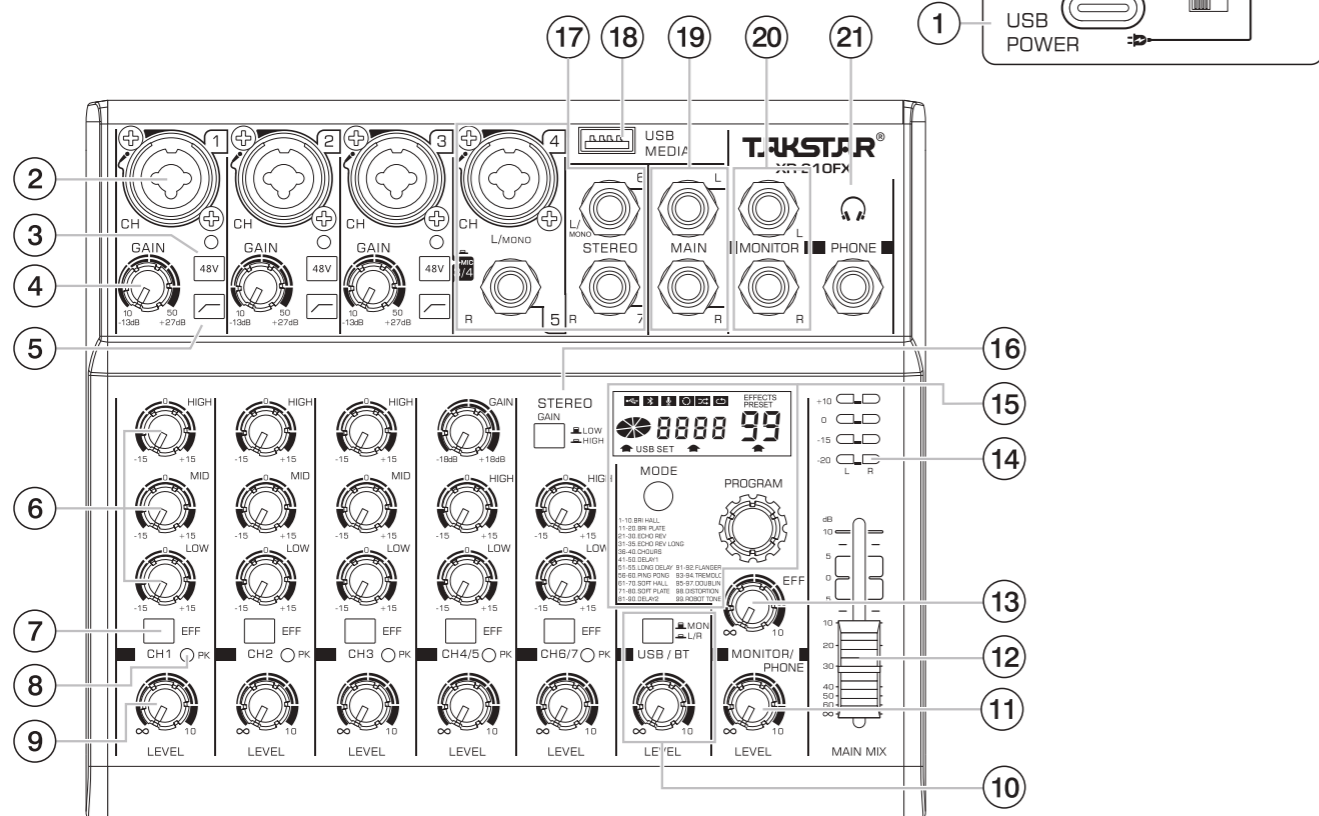
1. 确保本设备上的所有开关未打开, 后面板电源TYPE-C数据线未插入。
2. 连接附带的TYPE-C数据线
 - A. 将TYPE-C数据线插头与设备后面板接口对齐后插入。
 - B. TYPE-C数据线连接USB电源适配器。
 - C. 将电源适配器接插标准[~AC 100-240 50Hz/60Hz]电源插座。

后面板



[TYPE-C]
电源连接输入

控制方式和功能



① [TYPE-C]电源输入插口

用于连接配送的USB电源适配器和TYPE-C数据线为调音台供电时使用。
须知
 • 请认真阅读您所使用的USB电源适配器和TYPE-C数据线安全注意事项。
 • USB电源适配器和TYPE-C 数据线标准：输出电压：4.8V到5.2V
 输出电流：3A或更高

PC/DC切换 切换不同的连接方式
 当需要连接计算机时请切换至PC，让调音台信号可以与计算机之间传输。

② [MIC/LINE]输入插口

用于连接话筒、乐器或外置音频设备。多功能插口既支持XLR又支持TRS型插头。



③ [PHANTOM]幻像电源开关 / [+48V]LED灯

该开关打开 (■) 时，[+48V]LED灯会亮起，DC +48V幻像供电会供应给输入接口上的插头。
 使用需要幻像供电的电容话筒时，请打开此开关。

须知
 如果不需要幻像电源时，请务必将该开关设定为关闭 (■)。
 打开 (■) 时，为防止产生噪音以及调音台和外接设备的损坏，请遵守下列重要注意事项：

- 1.在通道上连接不支持幻像供电的设备时，确保该开关保持在关闭 (■) 状态。
- 2.从通道上连接/断开线缆时，确保关闭 (■) 开关。
- 3.打开 (■) / 关闭 (■) 该 开关之前，请将通道上的推子拉到最下方。

④ [GAIN]增益旋钮

这个GAIN旋钮是用来调节话筒和线路输入信号的灵敏度的。这使外来的信号被 调节到理想的内部控制电平。

⑤ [LOW CUT]低切开关 (高通滤波器)

麦克风输入的通道带有低切开关 (通常被称为高通滤波器)，可削减低音阶12dB，低于100Hz的频率。



通过添加低切功能，你可以安全地在人声上使用低均衡。很多时候，低音搁置EQ确实可以使声音受益。但问题是，加上低EQ也会增加舞台的隆隆声，麦克风的呼吸声和呼吸的声音，这时就可以让你用低切删除所有这些问题。你也可以添加低EQ而不使用低音扬声器，增加了直播表演的灵活性。

⑥ 均衡器[EQ] 旋钮

使用[HIGH] (高频段)、[LOW] (低频段) 旋钮调节音质。如果无需调节音质，可以将旋钮设置到“0” (平直) 位置。

⑦ [EFFECT] 按钮

这些按钮可以打开通道上的效果，为声音添加自然的空间感。默认设置关闭混响。

⑧ [PEAK]LED灯

当输入信号的音量过高时会亮起。如果它亮起，请将[GAIN]旋钮④向左调节，以降低音量。

⑨ [LEVEL] 电平旋钮

用于调节通道信号的电平。

注意:为了减少噪音，请将未使用的通道音量调到最低。

⑩ [USB/BT LEVEL] 电平旋钮

用于调节USB/BT通道信号的电平。

[MON and L/R] 转换按键

用于将USB/BT通道信号发送至L/R主通道输出。

⑪ [PHONE]耳机/监听 调节旋钮

用于调节连接在耳机[PHONE]输出插口耳机和监听音箱的音量。

⑫ [MAIN MIX] 推子

用于调节输出到[MAIN OUT]插口的信号电平。

⑬ [EFFECT] 电平旋钮

用于调节从内部效果器发送到总线的效果电平。

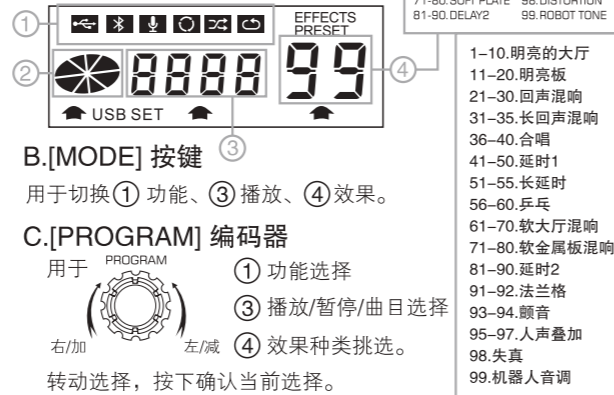
⑭ 电平表LED灯

L和R表以4级显示来自[MAIN OUT]插口的输出信号的电平(音量)；“+10”、“0”、“-15”和“-20”dB。如果“PEAK”灯持续亮起成红色，向下调节[MAIN MIX]推子以降低音量。

⑮ 显示屏 / [MODE] 按键 / [PROGRAM] 旋钮

A.显示屏

- 1.功能显示
- 2.运行状态或蓝牙连接状态显示
- 3.曲目时间显示/曲目数显示
- 4.效果显示(请参照右边效果种类表)



B.[MODE] 按键

用于切换①功能、③播放、④效果。

C.[PROGRAM] 编码器

用于①功能选择

③播放/暂停/曲目选择

④效果种类挑选。

转动选择，按下确认当前选择。

⑯ [GAIN]增益按键

立体声输入端具备一个GAIN开关用来进行信号调配，用此开关让您可在+4 dBu(High)和-10 dBV(Low)之间转换。

⑰ [LINE]立体声输入插口

用于连接线路信号设备，如电子键盘或音频设备。用通道上的[L/MONO]插口连接单声道输出的乐器等。在这种情况下，输入到[L/MONO]插口的声音会从调音台的左右两个通道同时输出。

⑱ [USB]闪存

用于USB闪存驱动器和电脑的连接(支持电脑录音)。支持格式:MP3或WAV / WMA / FLAC或者作为一个USB音频设备

⑲ [MAIN OUT]主输出

这些是用于输出混合立体声信号的TRS输出插口。这些插口输出的信号要通过L/R主旋钮调节。可以将这些插口连接到驱动主音箱的功率放大器。

⑳ [MONITOR]监听输出

这些插口是阻抗平衡1/4"TRS型输出插口，可连接到监听系统。

㉑ [PHONES]耳机接口

用于连接耳机。该插口支持立体声phone型插头。如需连接带有mini插头的头戴耳机或耳塞，请使用[转换设备]来进行连接。

操作控制简介

一、[MODE] 键(轻触按键): 短按: 选择编码器的操作功能，依次为: 模式切换、播放器操作、效果种类切换，白色箭头指示相应功能。

二、[MODE] 键(轻触按键): 长按:

- 1、在录音模式下，在停止录音状态下，可进入播放录音文件模式。
- 2、在非录音模式下，可快捷进入播放录音文件模式。

三、[PROGRAM] 键(编码器按键): 短按

- 1、白色箭头在左边(模式切换)，同时模式图标闪烁时，确认切换当前闪烁显示的模式。
- 2、白色箭头在中间(播放器操作)，控制运行或暂停(包括播放与录音)。
- 3、白色箭头在中间(播放器操作)，旋转编码器预选播放曲目有效时，确认播放当前对应歌曲。

四、[PROGRAM] 键(编码器按键): 长按

- 1、白色箭头在中间(播放器操作)，控制停止(包括播放与录音)。
- 2、白色箭头在中间(播放器操作)，当录音已停止，可进入播放录音文件模式。
- 3、白色箭头在中间(播放器操作)，在蓝牙模式下，可断开当前蓝牙连接。

五、[PROGRAM]编码器

- 1、白色箭头在左边(模式切换)，预选模式，相应模式图标闪烁显示，依次为U盘/声卡、蓝牙、录音、顺序播放、随机播放、单曲循环(短按[PROGRAM]键确认切换)。
 - 2、白色箭头在中间(播放器操作)，U盘或SD卡播放时，预选播放曲目。
 - 3、白色箭头在中间(播放器操作)，蓝牙、声卡、录音文件播放时，切换上/下曲。
 - 4、白色箭头在右边(效果种类切换)，切换效果种类。
- 六、播放U盘的录音文件时，同时显示U盘和录音的图标以作指示。



内部高压，小心触电



机器重要操作和维护提示



保护接地端子



交流电流/电压



危险带电端



ON:

表示设备开启

OFF:

表示设备关闭

警告

警示说明，需注意，避免可能受伤或死亡的危险。



警告

警示说明，需注意以免造成产品损坏。产品的报废处理不能混于城市生活垃圾，需单独收集处理。

警告

电源在接通机器电源之前，确保主电源电压与该机器所需电压一致，否则将对机器造成损坏或可能危害用户安全。机器长时间不用或打雷闪电时请拔出电源插头，以避免触电或火灾危险。

外部连接

使用专用电源线连接，以免造成电击/死亡或火灾危险。若不明白，请联系技术人员处理。

不要拆除任何外盖

机器内部有高压区，为了避免触电危险，在电源接通时不要拆除任何外盖。如有必要，请联系技术人员处理。

内部为非用户维修部件

保险丝

为防止火灾及机器的损坏，确保使用指定规格保险丝，禁止使用不同规格保险丝。在换保险前，确保关闭机器电源，拔出电源插头。

保护接地

开启机器前，确保与地连接，避免触电危险。严禁切断内部或外部的保护接地线或拔出保护接地端子。

操作说明

请根据制造商的指示说明安装机器。为了避免触电和机器损坏，不要将机器置于雨水或潮湿环境。切勿在积水旁使用此机器。不要将机器安装于高温源附近不要阻塞任何通风口，以免引起火灾。机器远离明火。

重要安全说明

- 阅读安全说明
- 遵从安全说明
- 遵守安全说明
- 注意所有警示内容
- 只使用厂商指定配件

电源线和插头

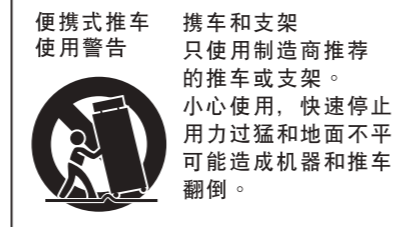
不要踩踏电源线或插头。不要断开保护接地连接。若提供的插头与您的AC座不配套，请联系技术人员更换电源插座。电源线与插头不要被重物压到以免有电击或火灾危险。

清洁

当机器需要清洁时，可用吹风机或干净的布除去灰尘。不要使用清洁剂，如不纯苯、酒精等。为了安全，请保持机器干净。

机器的维修

所有维修事项请寻求专业技术人员帮助，非专业人员请不要擅自处理，以免造成触电危险。



便携式推车使用警告

推车和支架只使用制造商推荐的推车或支架。

小心使用，快速停止用力过猛和地面不平可能造成机器和推车翻倒。

安全警示

为避免电击、高温、着火、辐射、爆炸、机械危险以及使用不当等可能造成的人身伤害或财产损失，使用本产品前，请仔细阅读并遵守以下事项：

1. 使用产品时请确认所连接设备与本产品功率是否匹配以及合理调整设备音量大小，不要在超过产品功率及大音量下长时间使用，以免造成产品异常；
2. 使用中若发现有异常（如冒烟、异味等），请立即关闭电源开关并拔掉电源插头，然后将产品送售后网点检修；
3. 本产品及配件都应放置在室内干燥通风处，勿长期存放在潮湿、灰尘多的环境，使用中避免靠近火源，雨淋、进水、过度碰撞、抛掷、振动本机及覆盖通风孔，避免损坏其功能；
4. 若产品需要固定于墙壁或天花板上时，请确保固定到位，防止因固定强度不足导致产品发生跌落危险；
5. 使用该产品时需遵守相关安全规定，法律法规明确禁止使用场合请勿使用产品，以免导致意外事故；
6. 请不要自行拆机改装或维修，以防止出现人身伤害，如有问题或服务需求请联系当地售后服务网点跟进处理；
7. 本产品适用海拔及气候条件由选配的适配器决定，适配器上图标代表含义如下：



仅适用于海拔2000米以下地区使用



仅适用于非热带气候条件下使用

关于本说明书

本说明书中内容符合截止印刷之日的技术规格。由于得胜公司会不断改进产品，本说明书可能不符合您的特定产品的技术规格。要获取最新版说明书，请访问得胜官网，然后下载说明书文件。技术规格、设备或另售的附件在各个地区可能有所不同，如有问题请与当地得胜销售网点确认。如需更多支持和深层产品信息，请浏览得胜官方网站：<https://www.takstar.com>

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 wireless/USB playback, with USB 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

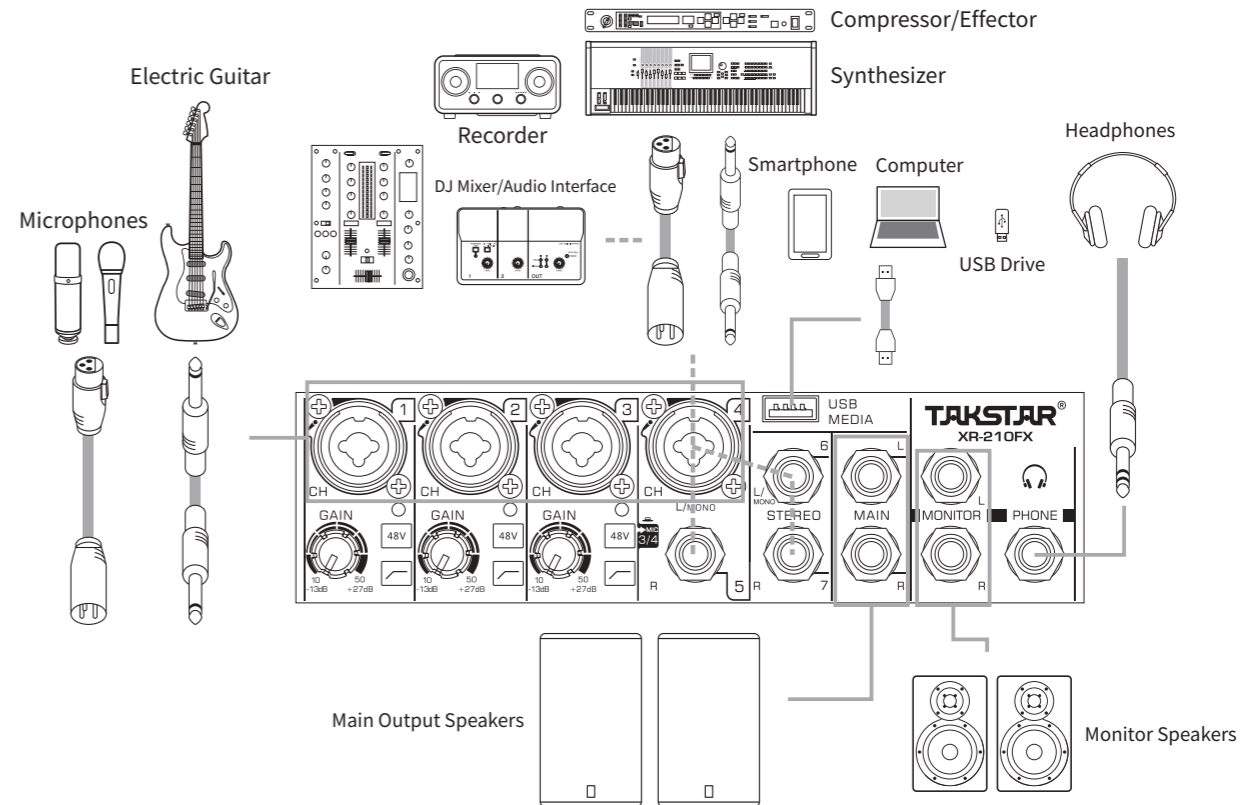
0 dBu=0.775 Vrms, 0 dBV=1 Vrms

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

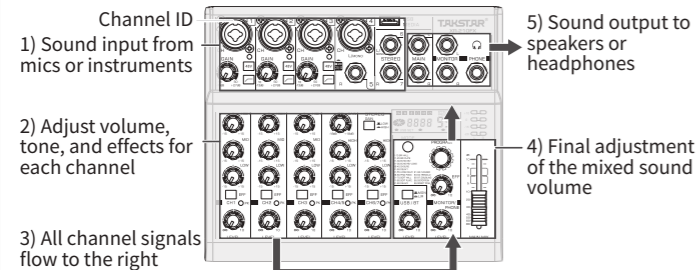
GAIN (0dBu)	INPUT \ OUTPUT		CHANNEL		STEREO
	GAIN	0dB IN	MIC	LINE	LINE
			10dB~50dB	-13dB~27dB	-18dB~18dB
PHONES OUT	MAX (POST)		68	45	62
	MAX (ALL MAX)		72	52	60
	0dB (GAIN Control at 0dB)		0	0	0
STEREO OUT	MAX (ALL MAX)		62	41	50
	0dB (GAIN Control at 0dB)		0	0	0
CMRR	0dB (GAIN Control at 0dB)		78	-	-
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. Basic Operation: Signal Flow

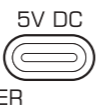


Note: If using a condenser mic, turn on the [+48V] phantom power switch.

2. Basic Operation: Power Connection

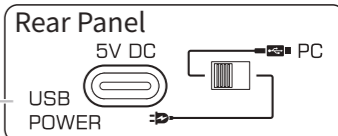
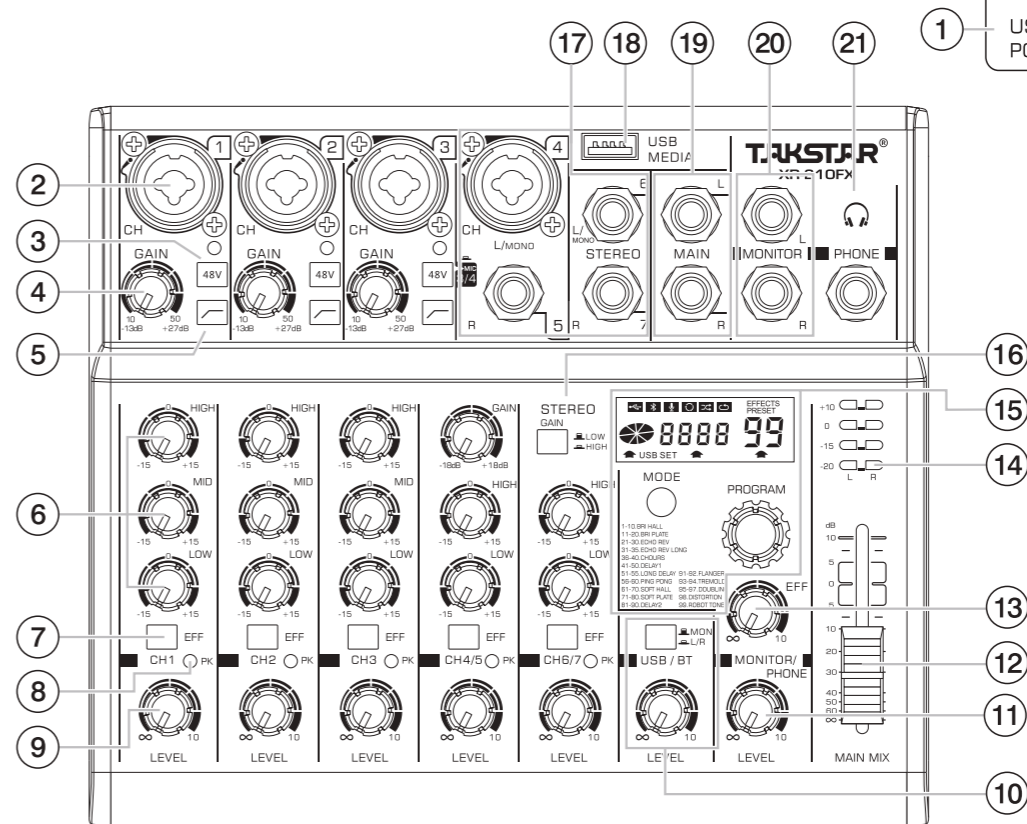
- 1) Ensure all switches on the device are turned off and the Type-C data cable is not inserted on the rear panel.
- 2) Connect the included Type-C data cable:
 - A. Align Type-C data cable plug with the interface on rear panel and insert it.
 - B. Connect Type-C data cable to a USB power adapter.
 - C. Plug power adapter into a standard [\sim AC 100-240 50Hz/60Hz] power outlet.

Rear Panel



TYPE-C
Power input

Control and Functions



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  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  Function,  Playback, and  Effects.




C. PROGRAM Encoder



Clockwise/Up Anticlockwise/Down

Rotate to select, press to confirm current selection.

Used for:

-  Function selection
-  Play/pause/select track
-  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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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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