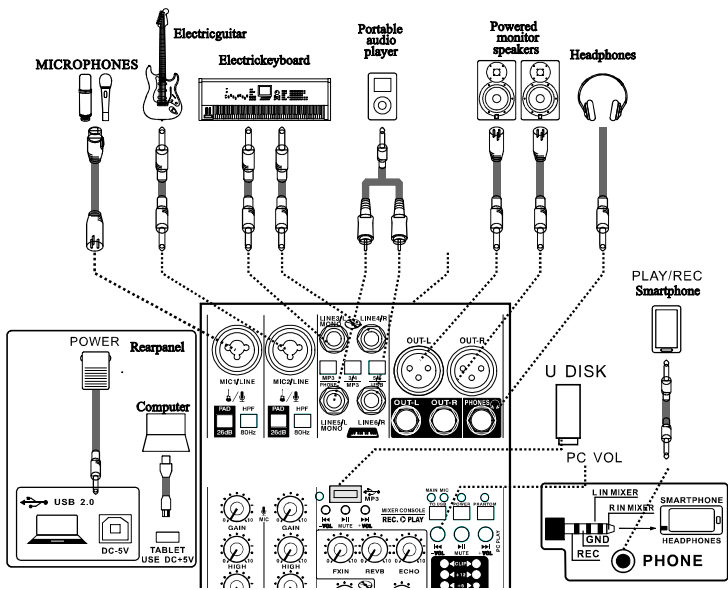


# Mixer instruction manual

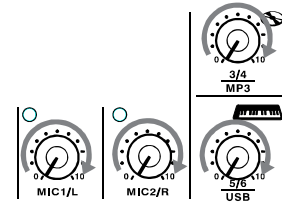
## Quick Start Guide

### step 1 connecting speakers, microphones, and instruments, etc

#### Connection Example



8 While playing your instrument or speaking into the microphone, turn the [LEVEL] knob to adjust the volume of the corresponding channel.



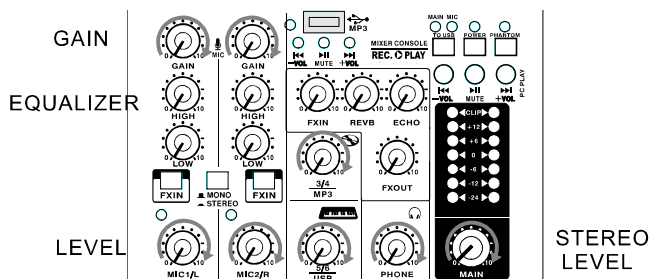
- If necessary, adjust the volume of the speaker or power amp. If you hear the sound and the volume seems appropriate, setup is complete. If not, please go to step 10 below.
- NOTICE** To avoid any loud noise from the speaker, first turn off the power of the speaker (speaker amp), then the unit itself, and finally the connected sound source such as an instrument.
- If the sound is not heard, or if you want to adjust the volume, follow the instructions in the boxed section below. If you still do not hear the sound after doing the following steps, please refer to the checklist in the "Troubleshooting" section at the back of this booklet.

### step 2 Getting Sound to the Speakers

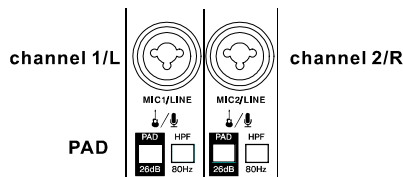
- Make sure that all switches including the [power] switch are not pressed (M).
- Connect the supplied AC power adaptor.

### step 3

1 Turn the [GAIN], [LEVEL] knobs (white), and [STEREO LEVEL] knob (red) fully to the left (minimum). Set the equalizer knobs



If you connect a device with high output level, such as a CD player or an electric keyboard to the channels 1/L and 2/R,



**NOTE** IF YOU ARE USING CONDENSER MICROPHONES TURN ON THE (PHANTOM+48V) SWITCH

- Turn on the power to connected devices in the following order: (microphone), **mic** (instrument), **stereo** (audio device) **smart phone**

[power] (switch on unit) to (speakers)  
**NOTICE** Follow this order to avoid any loud, unexpected noise from the speakers. Reverse the order when turning the power off.

- Set the [STEREO LEVEL] knob to the "◀" position.



- For channels to which a microphone is connected, set the [GAIN] knob to roughly the 12 o'clock position



here is no sound, or you need to increase the volume  
 1 Turn the [GAIN] knob to the right so that the corresponding [PEAK] LED flashes briefly. **NOTE** If the [PEAK] LED does not light even if the [GAIN] knob has been turned fully to the right, raise the volume of the sound source (instrument, etc.).  
 If no sound is heard or the volume does not increase after step 1:

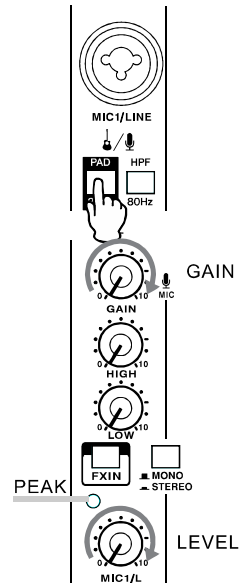
- If the [PAD] switch is turned on (▲), set the [LEVEL] knob to "0" (minimum), and then turn off (▼) the switch.
- Slowly turn the [LEVEL] knob to the right until the desired volume is reached.

■ To decrease the volume:

Set the [LEVEL] knob to (minimum), then turn on (▲) the [PAD] switch.

Slowly turn the [LEVEL] knob to the right until the desired volume is reached.

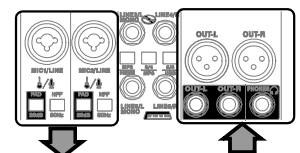
If the volume does not decrease after the above steps:  
 Lower the volume of the instrument or audio device.



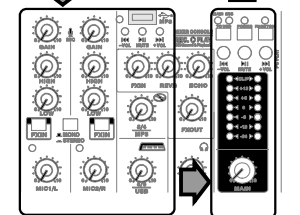
## MIXER BASICS; WHERE YOUR SOUND GOES

The right illustration diagram illustrates the sound flow from summing (mixing) sound which was input to the channels to outputting sound from the speakers or headphones. Let's find out where input sound goes once it's inside the mixer.

- Input the sound from a microphone or instrument



- Adjust the sound quality and volume of each channel

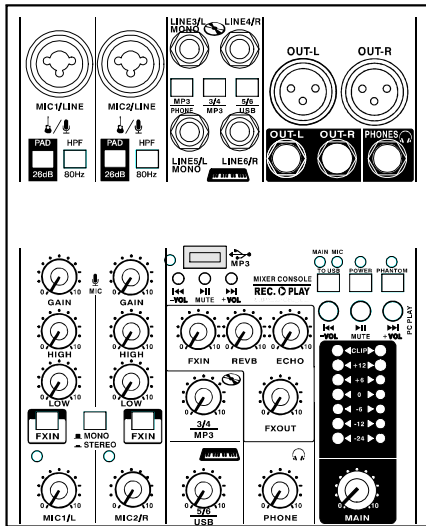


- The signal flow of the sound rightward, from ... the channels to the final output.

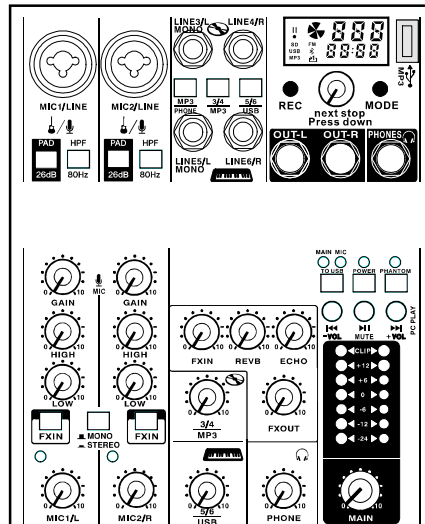
- Output the sound from speakers or headphones

- Final adjustment of the volume of the mixed sound

MIXER +MP3



MIXER +MP3



### Troubleshooting

Check the following items before contacting a dealer.  
If the symptoms are not improved, contact your nearest dealer.

Power does not come on.

- Did you properly connect the mixer and a computer by using the included USB cable?
- Did you press the [ ] (Standby/On) switch?

No sound.

- Did you download and install the Steinberg USB Driver from the following website?
- Did you properly connect the external devices such as microphones, and powered monitor speakers?

Are any connecting cables shorted or damaged?

Did you turn on the power of connected electric instruments and external devices, and the powered monitor speakers?

Did you properly adjust the [GAIN] knobs and Level knobs of all relevant channels, the Speakersknob, and Headphones [ ] knob to appropriate levels?

Are the [PAD] switches and [GAIN] switches turned on (O)?

Turn these switches off (N). If the volume of the sound source is too soft, turning on these switches might result in no audible sound.

If you are using webcasting software, is the volume adjusted appropriately in the software?

Sound is faint, distorted, or noisy.

Are the [PEAK] LEDs lit?

Lower the [GAIN] knobs, or turn on (O) the [PAD] switches.

Are the [GAIN] knobs/ Level knobs on each relevant channel, the Speakers [ ] knob, or the Headphones [ ] knob set too high?

Are the [PEAK] (red) indicators of the level meter lit?

Adjust the Level knobs of all relevant channels to appropriate levels. Lowering the volume with the Speakers knob or the Headphonesknob will not affect the [PEAK] indicators on the level meter.

Is the volume from a connected device too loud?

Lower the volume of the connected device.

Are the [PAD] switches and [GAIN] switches turned off (N)?

Turn these switches on (O). If the volume of the sound source is too loud, turning off these switches (N) might result in distorted sound.

The sound of vocals and speech isn't clear enough.

The default settings for this button have parameters that are suitable for webcasting, reducing unwanted low-frequency noise and variations in input level.

No effect is applied.

Did you turn on the appropriate [EFFECT]

### General Specifications

Input Channels	Mono (MIC/LINE): 2 including HEADSET MIC (Plug-in Power), Stereo (LINE): 2, USB IN: 1, AUX IN: 1	
Output Channels	STEREO OUT: 1, MONITOR OUT: 1, PHONES: 2 including HEADSET PHONES	
Bus	Stereo: 1	
Input Channel Function (CH1, Ch2)	PAD	26dB
	DSP	CH1: COMP/EQ, EFFECT (SPX Reverb) CH2: AMP SIM, EFFECT (SPX Reverb)
	PEAK LED	LED turns on when the signal reaches 3 dB below clipping level.
Level Meter	USB Output Level	2x2 point LED meter [PEAK, SIG]
USB Audio	2 IN / 2 OUT	USB Audio Class 2.0 compliant, Sampling Frequency: Max 192 kHz, Bit Depth: 24-bit
Phantom Power Voltage		+48V
FOOT SW		EFFECT Mute on/off
Power Requirements		DC 5 V, 500 mA
Power Consumption		Max. 2.5 W
Dimensions (WxHxD)		155 mm x 63 mm x 202 mm (6.1" x 2.5" x 8.0")
Net Weight		1.0kg (2.2 lbs)
Optional Accessory		Foot Switch: FC5, Mic Stand Adaptor: BMS-10A
Operating Temperature		0 to +40°C

For other specifications, see the included "Technical Specifications."



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC. By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items. [For business users in the European Union] If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.