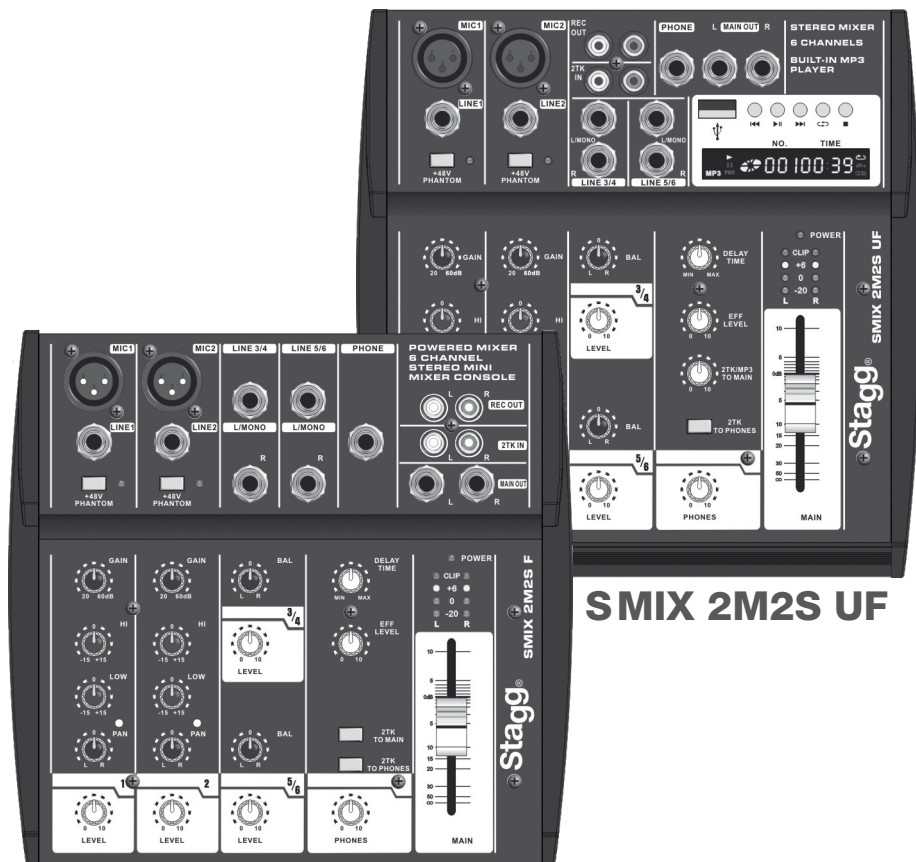


# Stagg®

## USER GUIDE

### MULTI-CHANNEL STEREO MIXER



SMIX 2M2S UF

SMIX 2M2S F

---

## FEATURES

---

2 stereo input channels and 2 mono input channels.

2-band frequency EQ for each input channel.

Low-noise mic pre-amp on microphone inputs.

Separate, independent channels for source input and recording output.

Headphones monitor output.

Peak indicator on each mono channel.

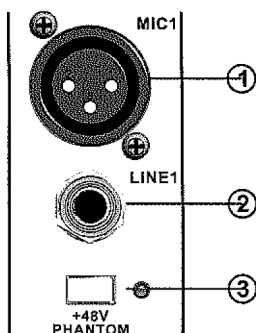
+48V phantom power for condenser microphones.

Built-in delay effects.

USB interface enabling playback from a USB key source (*2M2S UF model only*).

## CONTROL PANEL

## MONO CHANNEL SECTION



### 1. MIC

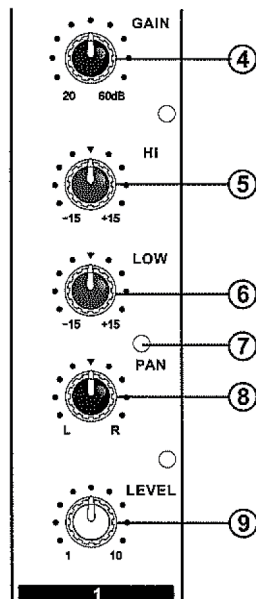
This is an XLR type connector for microphones. The input level ranges from -60 to -20dB. This connector can provide +48V phantom power for condenser microphones when the phantom power is switched on.

### 2. LINE

This is a balanced 1/4" phone jack for linking a line level source. The input level ranges from -40 to 0dB.

### 3. +48V Phantom Power Switch and Indicator

This switch is used for turning on or off +48V phantom power. +48V voltage will be present on the socket of each microphone input channel when this switch is pressed down. **Important: set all channel faders to minimum before turning this switch on or off. Do not plug or unplug a microphone after this switch has been turned on. Do not turn on the switch when a dynamic microphone is in use.**



### 4. GAIN

Use this knob to adjust the level of the input signal to the optimal level. For optimal S/N ratio and dynamic range, adjust this knob so that the peak indicator lights up occasionally.

### 5. HI

This control determines the level of high frequencies in the output signal.

### 6. LOW

This control determines the level of low frequencies in the output signal.

### 7. PEAK LED

This LED signal will warn you of any excessively high signal levels in the channel. The signal is sampled in front of channel fader. It will light approximately 3dB before clipping and therefore give warning of a possible overload.

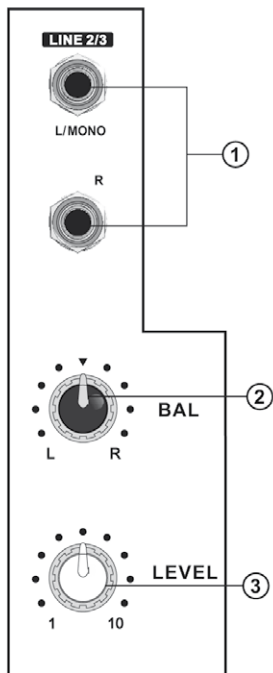
### 8. PAN

This control is used for distributing the signal level of the channel feed to L / R buses. When the control is set to 12 o'clock, the signal is split evenly between L and R.

### 9. LEVEL (Channel Fader)

This rotary fader controls the output level feed to the main bus from the input channel, adjusting the volume balance between the channels.

## STEREO CHANNEL SECTION



### L/MONO - R

These are two unbalanced 2-pole phone jacks for a stereo line input. The input level range is -10dB. If the source signal is mono, please use the left channel.

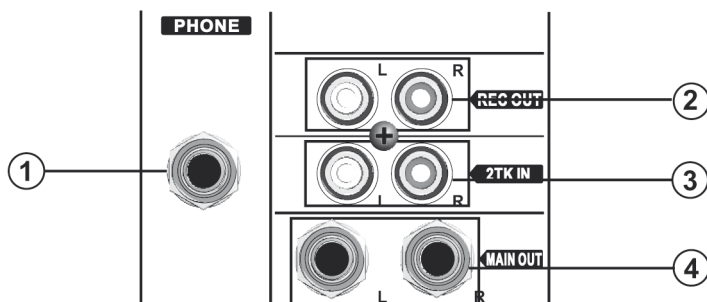
### 2. BAL (Balance control)

This control determines the amount of the channel signal feeding the left and right mix buses.

### 3. LEVEL (Channel fader)

This rotary fader controls the output level feed to main bus from the input channel, adjusting the volume balance between the channels.

## MASTER CONTROL SECTION



### 1. PHONES

This is a 1/4" (Ø 6.3 mm) standard jack output to connect the headphones.

### 2. REC OUT

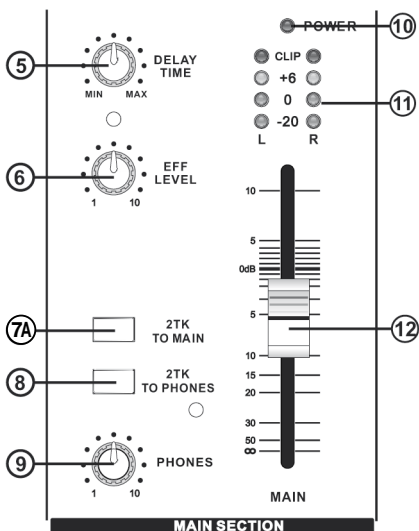
This is a stereo RCA socket for connection to a recording device.

### 3. 2TK IN

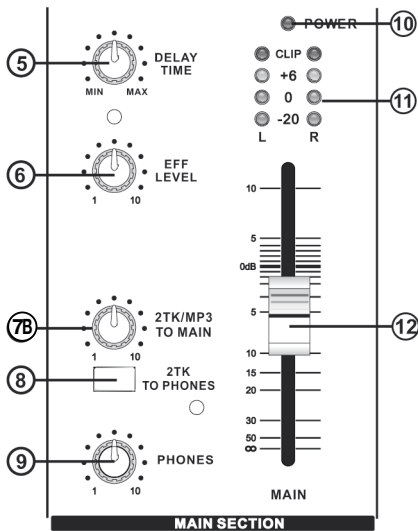
This RCA output receives stereo signals from external players.

### 4. MAIN (L, R)

These balanced 1/4" (Ø 6.3 mm) jack outputs send balanced line level signals from the mixer to external devices such as an EQ unit or a power amplifier. By using a mono jack in the outputs, the outputs become unbalanced.



2M2S F



2M2S UF

### 5. DELAY TIME

This determines the delay time of the echo in the built-in effects processor.

### 6. EFF LEVEL

This controls the effect signal level sent to the master channel from the built-in effects processor.

### 7A. 2TK TO MAIN (2M2S F model only)

The input signal from the 2TK sockets can be fed to the main bus when this switch is pressed down.

### 7B. 2TK/MP3 TO MAIN (2M2S UF model only)

For the 2M2S UF model, this control determines the signal level to be fed to the main bus from the USB port and the 2TK sockets. Please turn off this control when you are not using the USB port or the 2TK signals.

### 8. 2TK TO PHONES

Press down this switch for the headphone monitor the play the signal; release this switch to feed the main output of the left and right channel signal to the headphone monitor.

### 9. PHONES

This controls the signal level to the control room / headphones.

### 10. POWER

Indicator Indicates the status of the internal DC power supply.

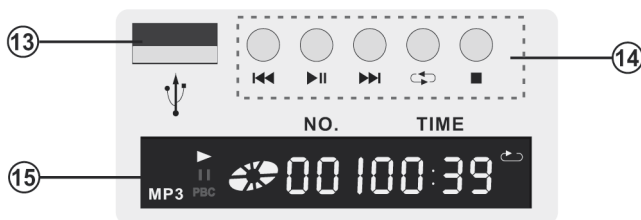
### 11. Output Level meter

This level meter indicates the signal level of the stereo main output (Left and Right) or play input

---

## MASTER CONTROL SECTION

---



### 12. MAIN output control

This slide fader determines the final output level sent to the main output sockets.

### 13. USB port (2M2S UF model only)

This unit has a built-in music player. Insert in this USB port any memory stick containing songs to be played through this device.

### 14. Controls for built-in player (2M2S UF model only)

These commands allow you operate the built-in player.

### 15. Display for built-in player (2M2S UF model only)

This LCD display shows the current status of the built-in player.

---

## REAL PANEL SECTION

---



### 1. 17.5V x 2 AC Power Supply Socket

This AC power supply socket is where you plug in the adapter provided (do not use any other adapter).

### 2. AC Power Switch

Use this switch to turn on or off the AC power.

## SPECIFICATIONS

Inputs	Number	Input modes	Connector	Input Impedance	Rated Input level
Mono MIC IN	1~2	Balanced	XLR	2Kohm	-60dB
Mono LINE IN	1~2	Balanced	3-poles TRS	47Kohm	-40dB
L/R LINE IN	2	Unbalanced	2 TRS	10Kohm	-10dB
L/R PLAY IN	1	Unbalanced	2 RCA	10Kohm	-10dB

Outputs	Number	Outputs modes	Connector	Outputs Impedance	Rated Output level
Stereo MAIN OUT	1	Balanced	2 TRS	75ohm	+4dB
Stereo REC OUT	1	Unbalanced	2 RCA	1Kohm	-10dB
HEADPHONE	1	Unbalanced	3-poles TRS	75ohm	3mW @36ohm

Max gain	Signal route	Conditions
68dB	MIC IN-----MAIN L/R	@620ohm Load
58dB	MIC IN-----REC OUT	@10Kohm Load
50dB	MONO LINE IN-----MAIN OUT L/R	@620ohm Load
22dB	ST. LINE IN-----MAIN OUT L/R	@620ohm Load
16dB	2TK IN-----MAIN OUT L/R	@620ohm Load
16dB	2TK IN-----CTRL RM OUT L/R	@620ohm Load

Channel EQ	HI 12KHz LOW 80Hz max equalizing value +/-15dB	
Total harmonic distortion	<0.1% @+14dB 20~2KHz 620ohm load	
Frequency response	+1/-2dB @+4dB 20~20000Hz 620ohm load	
Max out level	+20dB @0.5%THD 1KHz 620ohm load	
Microphone preamp E.I.N	-124dB @ 150ohm , at max gain	
Power	See the adapter	
Power consumption	20W	
Weight (Not including power adaptor):	0. 92Kg (5 channels)	1. 25Kg (6 channels)
Dimensions(mm)	187X225X45mm (5 channels)	225X225X45mm (6 channels)

