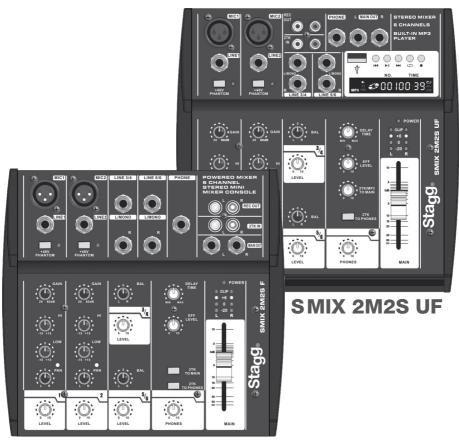
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USER GUIDE

MULTI-CHANNEL STEREO MIXER



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.

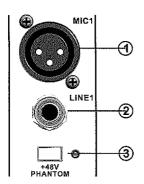
+48V phantom power for condenser microphones.

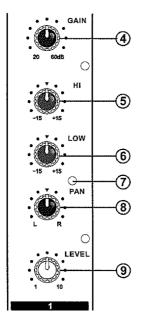
Built-in delay effects.

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.

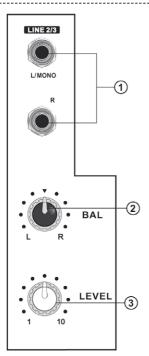
8. PAN

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.

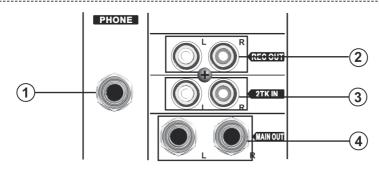
2. BAL (Balance control)

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

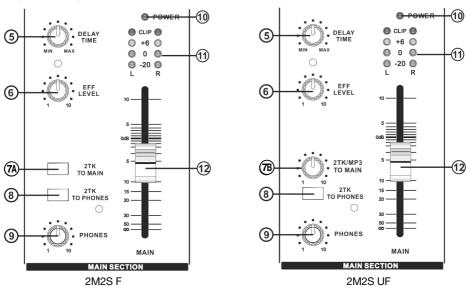
This is a stereo RCA socket for connection to a recording device.

3. 2TK IN

This RCA output receives stereo signals from external players.

4. MAIN (L, R)

These balanced 1/4" (\emptyset 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.



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.

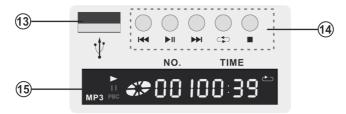
10. POWER

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.

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SPECIFICATIONS

Number	Input modes	Connector	Input Impedance	Rated Input level
1~2	Balanced	XLR	2Kohm	-60dB
1~2	Balanced	3-poles TRS	47Kohm	-40dB
2	Unbalanced	2 TRS	10Kohm	-10dB
1	Unbalanced	2 RCA	10Kohm	-10dB
	1~2	1~2 Balanced 1~2 Balanced 2 Unbalanced	1~2 Balanced XLR 1~2 Balanced 3-poles TRS 2 Unbalanced 2 TRS	NumberInput modesConnectorImpedance1~2BalancedXLR2Kohm1~2Balanced3-poles TRS47Kohm2Unbalanced2 TRS10Kohm

Outputs	Number	Outputs modes	Connector	Outputs Impedance	Rated Output level
Stereo MAIN OUT	Г 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 INMAIN L/R	@620ohm Load
58dB	MIC INREC OUT	@10Kohm Load
50dB	MONO LINE INMAIN OUT L/R	@620ohm Load
22dB	ST. LINE INMAIN OUT L/R	@620ohm Load
16dB	2TK INMAIN OUT L/R	@620ohm Load
16dB	2TK INCTRL RM OUT L/R	@620ohm Load

	Channel EQ	HI 12KHz L	OW 80Hz max	equalizing value +/-15dB
	Total harmonic distortion	<0.1%	@+14dB 20~2	KHz 620ohm load
	Frequency response	+1/-2dB	@+4dB 20~20	0000Hz 620ohm load
	Max out level	+20dB	@0.5%THD 1	KHz 620ohm load
	Microphone preamp E.I.N	-124dB	@ 150ohm , at	: max gain
	Power	See the adapter		
	Power consumption	20W		
	Weight (Not including power adaptor):			1. 25Kg (6 channels)
	Dimensions(mm)			225X225X45mm (6 channels)
ш				

IMPORTANT SAFETY INSTRUCTIONS

READ AND KEEP THESE INSTRUCTIONS. HEED ALL WARNINGS.

- If, after you have followed the instructions outlined above, this device fails to function, please contact your dealer. Under no circumstances should this device be opened. Leave all servicing to qualified personnel.
- Electrical appliances must never be used in conditions of high humidity or heat.

 To prevent any risk of fire or electric shock, never spill or splash liquids on this device.

 Should this happen, unplug the power cable from the mains outlet and switch off the mixer immediately.
- We would like to draw your intention to the instructions printed on the notice attached to the back of the appliance.
- Exposure to extremely high noise levels may cause permanent hearing damage (especially when using headphones). Please use this device responsibly for you and your neighbourhood.



CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT REMOVE TOP OR BOTTOM COVERS.

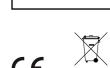
NO USER SERVICEABLE PARTS INSIDE.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

MARKING & CONFORMITY

- 1. The CE mark on this product means it conforms to the EMC Directive (2004/108/CE), CE marking Directive (93/68/EEC) and Low Voltage Directive (2006/95/EC).
- 2. The «Crossed-out Wheeled Bin» is to draw your attention to the WEEE (Waste Electric & Electronic Equipment) Directive (2002/96/EC). It means this apparatus must be collected separately for recycling. 3. «RoHS compliant» means this device conforms to the Directive (2002/95EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipments, such as: Mercury, Lead, Cadmium, Hexavalent Chromium, Polybrominated Buphenyl (PBB) and Polybrominated Diphenyl Esthers (PBDE).

DISTRIBUTOR / DEALER



RoHS compliant

