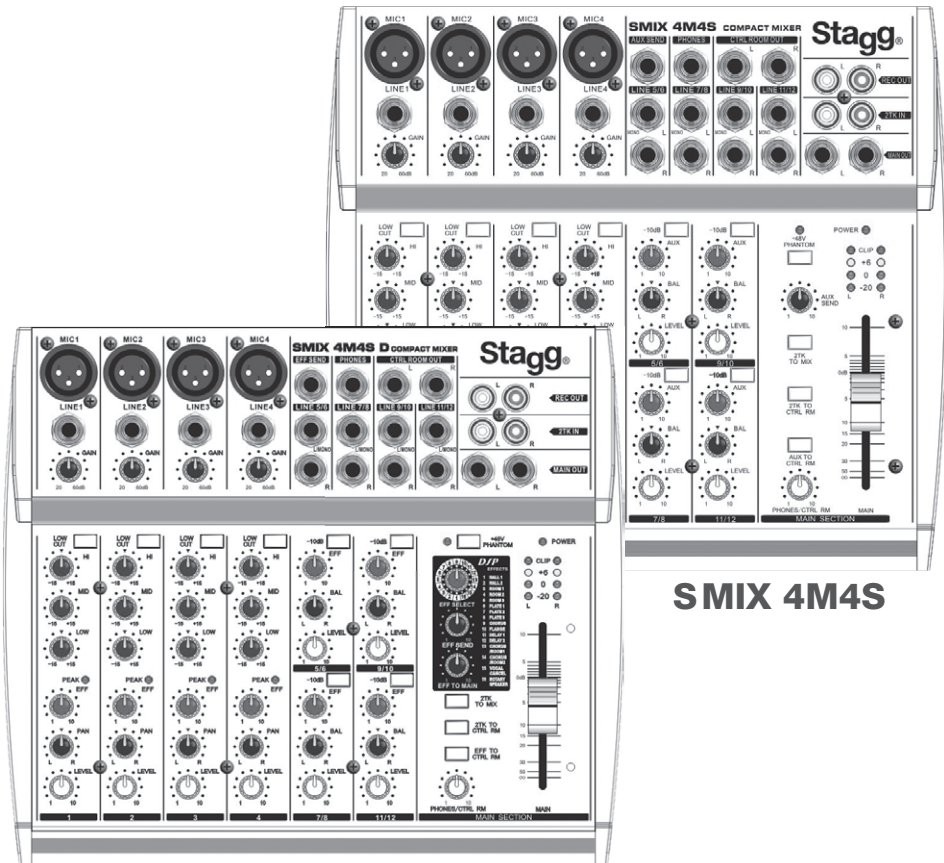


Stagg®

USER GUIDE

MULTI-CHANNEL STEREO MIXER



SMIX 4M4S

SMIX 4M4S D

FEATURES

2-4 mono input channels and 2-4 stereo input channels.

3-band frequency EQ for each input channel.

Low-noise mic pre-amp on microphone inputs.

Optional low cut filter to reduce low frequency interference for mono input channels.

2 stereo inputs with 10dB input sensitivity selector.

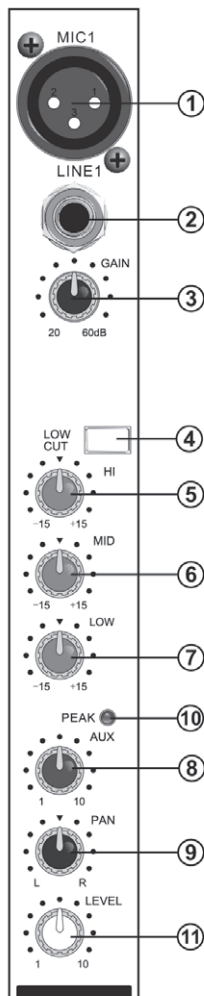
Individual stereo play input and record output channel.

Monitor and headphones outputs.

Peak indicator on each mono channel.

+48V phantom power for condenser microphones.

Built-in 16-preset DSP effect processor.



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. 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.

4. LOW CUT Push down this switch to activate a low cut filter, which allows high frequencies but attenuates low frequencies.

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

6. MID This control determines the level of mid frequencies in the output signal.

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

8. AUX (4M4S ONLY) Use this knob to control the signal level sent from each channel to the AUX bus. It is set before the channel fader, so it is not dependent on the fader position.

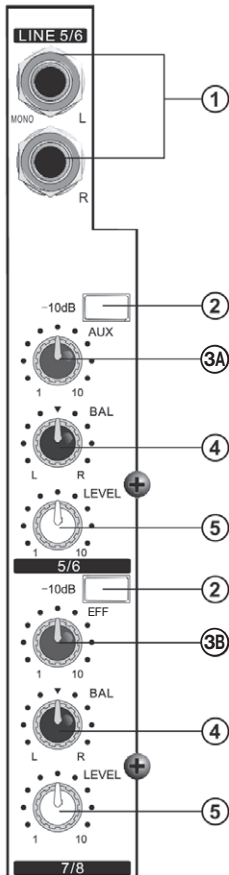
8. EFF (4M4S D ONLY)
Use this knob to control the signal level sent from each channel to the built-in effects processor. It is set after the channel fader, so it is dependent on the fader position. Adjust this knob when you use effects processor on this channel.

9. 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.

10. PEAK Indicator 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.

11. 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



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

2. -10dB Press this switch to attenuate the line input signal -10dB to fit a high level signal source.

3A. AUX (4M4S only) Use this knob to control the signal level sent from each channel to the AUX bus. It is set before the channel fader, so it is not dependent on the fader position.

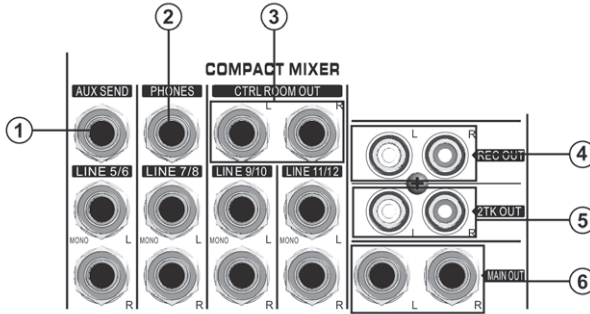
3B. EFF (4M4S D only) Use this knob to control the signal level sent from each channel to the built-in effects processor. It is set after the channel fader, so it is dependent on the fader position. Adjust this knob when you use effects processor on this channel.

4. BAL The BAL control for the stereo channels determines the relative volume of the left and right input signals.

5. 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.

MASTER CONTROL SECTION



1. AUX SEND

This jack socket sends the signals to an auxiliary source.

1. EFF SEND / FT SW (4M4S D MODEL ONLY)

This is a 1/4" jack input for sending EFF output signals. It also can be linked to a foot switch to control the built-in effects processor.

2. PHONES

This jack socket sends the signals from main output or tape player to the headphones.

3. CTRL RM

These two jack sockets send stereo signals from the master output or an external player to the control room speakers.

4. REC OUT

These two RCA sockets send stereo signals for recording purposes.

5. 2TK IN

This RCA output receives stereo signals from external players.

6. MAIN (L,R)

These sockets send line level signals from the mixer to external devices (for example: EQ unit or a power amplifier).

7. POWER Indicator

Indicator Indicates the status of the internal DC power supply.

8. Output Level meter

This level meter indicates the signal level of the stereo main output (Left and Right) or play input (simultaneously with the signal sent to the phones jack).

9. MAIN output control

This slide fader is used for adjusting the final output level sent to the main output sockets.

10. +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 on or off. Do not plug or unplug a microphone after the switch has been turned on. Do not turn on the switch when a dynamic microphone is in use.

11. AUX SEND

This knob controls the signal level sent to the AUX SEND socket.

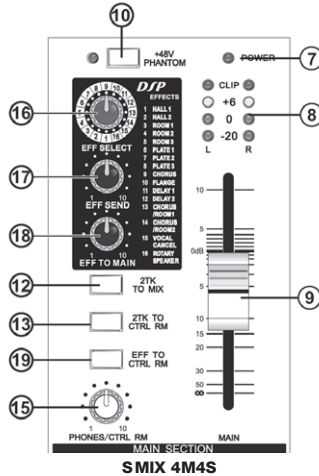
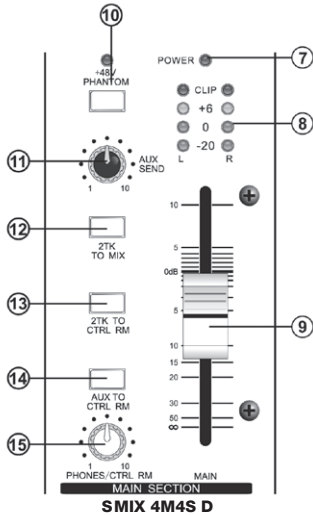
12. 2TK TO MIX

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

13. 2TK TO CTRL RM

Press down this button to feed the PLAY signal from an external device to the control room and headphones; release this button to feed the main signal to the control room and headphones.

MASTER CONTROL SECTION



14. AUX TO CTRL RM

Press down this button to feed the AUX signal to the control room and headphones; and the AUX signal is not controlled by 13.

15. PHONES / CTRL RM

This knob controls the signal level to the control room and headphones.

16. EFF SELECT

This knob is used for selecting one from 16 kinds of effects (refer to the effects table beside the selector).

17. EFF SEND

This knob is used for controlling the signal level feed to the internal effect unit from all input channels and also controlling the signal level output from the EFF SEND sockets.

18. EFF TO MAIN

Main effect output level knob for controlling the effect signal level of the main output.

19. EFF TO CTRL RM

Use this knob to control the signal level of the control room and headphones.

REAL PANEL SECTION



1. 17.5Vx2 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	2~4	Balanced	XLR	2Kohm	-60dB
Mono LINE IN	2~4	Balanced	3-poles TRS	47Kohm	-40dB
L/R LINE IN	4	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	Unbalanced	2 TRS	75ohm	+4dB
CTRL RM	1	Unbalanced	2 TRS	75ohm	+4dB
AUX SEND	1	Unbalanced	TRS	75ohm	+4dB
Stereo REC OUT	1	Unbalanced	2 RCA	1Kohm	-10dB
HEADPHONE	1	Unbalanced	3-poles TRS	75ohm	3mW @36ohm

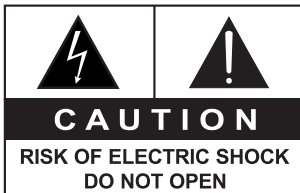
Max gain	Signal route	Conditions
72dB	MIC IN-----MAIN L/R, AUX SEND	@620ohm Load
78dB	MIC IN-----CTRL RM OUT L/R	@620ohm Load
62dB	MIC IN-----REC OUT	@10Kohm Load
52dB	MONO LINE IN-----MAIN OUT L/R	@620ohm Load
22dB	ST. LINE IN-----MAIN OUT L/R	@620ohm Load
22dB	AUX RET-----MAIN OUT L/R	@620ohm Load
16dB	2TK IN-----MAIN OUT L/R	@620ohm Load
16dB	2TK IN-----CTRL RM OUT L/R	@620ohm Load

Channel EQ	HI 12KHz MID 2.5KHz LOW 80Hz	max equalizing value +/-15dB
Low cut filter	80Hz	18dB/CCT
Total harmonic distortion	<0.1%	@+14dB 20~20000Hz 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 label on the rear panel	
Power consumption	20W	
Weight (Not including power adaptor)	1.47Kg(MS1202DS) 1.42Kg(MS1202) 1.12Kg(MS1002) 1.04Kg(MS602)	
Dimensions(mm)	260X225X45(MS1202DS) 250X225X45(MS1202)	200X225X45(MS1002) 200X225X45(MS602)

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 attention 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 (2002/95/EC) on the restriction of the use of certain hazardous substances in electrical and electronic equipments, such as: Mercury, Lead, Cadmium, Hexavalent Chromium, Polybrominated Biphenyl (PBB) and Polybrominated Diphenyl Esters (PBDE).

DISTRIBUTOR / DEALER



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