WARRANTY

This unit has been designed and manufactured using quality components. Therefore, it is warranted to be free from defects in materials (limited as specified below), and workmanship for a period of twelve (12) months from the original purchase date. During this period, all service and parts necessary to repair a defect will be free of charge. This limited warranty applies to mechanical parts which are subject to wear and tear as specified:

- Faders (except P&G fader), specified durability: 15,000 cycles;
- Rotary potentiometers, specified durability: 10,000 cycles;
- Switches, specified durability: 10,000 cycles.

Consequently, the parts listed above are warranted to be free from defects in materials and workmanship for a period of thirty days (30) days from the original purchase date.

For the warranty to be valid, please complete the warranty registration card attached or fill out the online registration at: www.stantondj.com

Mail completed warranty cards to:

Stanton Magnetics, Inc, 3000 SW 42nd • Hollywood, FL 33312

REPLACEMENT PARTS

The following user replaceable parts are available from your local Stanton dealer.

LF301	Line fader
CF301	Crossfader
PS-16US	US Power Supply (110v)
PS-16EU	European Power Supply (220v)
PS-16UK	UK only Power Supply (240v)

SMX-301

PROFESSIONAL DJ MIXER

OWNER'S MANUAL

STANTON MAGNETICS, INC
info@stantonmagnetics.com • (954) 689-8833
w w w . s t a n t o n d j . c o m

WELCOME!

Thank you for making Stanton your first choice in professional DJ mixers.

This innovative family of mixers has been developed with input from the professional DJ community, bringing a previously unavailable, affordable combination of user-friendly, functional design, rugged construction, and professional quality features. Stanton and your authorized Stanton dealer are dedicated to your complete satisfaction by offering benchmark service and support throughout the long life of your Stanton product.

We appreciate your patronage, and look forward to many years of making music together.

PLEASE READ CAREFULLY BEFORE USE

FAILURE TO FOLLOW THE INSTRUCTIONS PRINTED BELOW MAY VOID WARRANTY

- Follow all security advice printed on your mixer
- When removing the unit's AC plug from the power source, grasp and pull the plug, NEVER the cord itself!
- Avoid placing your mixer near heat sources, such as power amplifiers.
- When in use, place your mixer on a stable surface, away from vibration. Always use care when carrying your mixer. Impact, or heavy vibration may compromise the unit's mechanical integrity. The manufacturer is not responsible for damage resulting from an impact, or misuse.
- When in use, place your mixer away from sources of hum or noise, such as transformers, or electric motors.
- To prevent overheating, always provide your mixer with adequate ventilation air space.
- Avoid stepping on your mixer's AC cord. Repeated compression of the cord may lead to electrical shorting.
- To avoid damage due to AC voltage peaks, always disconnect your mixer from the power source during electrical storms. If possible connect mixer to a surge protector.
- Your mixer contains no user-serviceable parts. The manufacturer is not responsible for any damage or personal injury resulting from unauthorized user-servicing or modifications. In addition, the warranty will be void if any unauthorized service by the user is detected. Always return your mixer to an authorized Stanton dealer for servicing.

SUPERIOR SOUND TECHNOLOGY

The audio quality of the SMX-301 is nothing short of revolutionary for DJ mixers in it's price class. The SMX-301 was designed by Stanton's new product development team, seasoned audio professionals who have designed world class professional recording studio and broadcast mixers and product managers who are working DJs and work closely with some of the world's most respected DJs. They have taken their knowledge and experience to create the SMX-301, a DJ mixer with superior audio quality and unprecedented value. Come hear the difference!

TECHNICAL SPECIFICATIONS

Line Inputs:	2 (RCA) x3 channels,-10 dBV/ 10 kOhm
Phono Inputs:	2 (RCA) x3 channels,-50 dBV/ 47 kOhm
Mic Inputs:	1 (1/4") 1XLR-50 dBV / 4.7 kOhm
Master Outputs:	2 (1/4") Balanced/ (RCA) unbalanced
	+4 dBu balanced / -10 dBV unbalanced
Record Outputs:	2 (RCA), -10 dBV / 100 Ohms
Booth Outputs:	2 (RCA), -10 dBV / 100 Ohms
Headphone Output:	1 (1/4"), 1(1/8 inch)
Dimensions (LxWxD):	15.3 in x 10.2 in x 4.3 in
	(39 cm x 26 cm x 11 cm)
Weight:	7.0 lbs (3.2 kg)
Frequency Response:	20 Hz to 20 kHz +/- 1.3 dB
THD+N:	< 0.015% @ 1 kHz
Signal to Noise Ratio	
(ref: max level):	> 110 dB (main signal path)
Noise Floor:	< -92 dBV (Line input to any output)
Crosstalk (Line to Line,	
Phone to Line, Line to phone):	< -90 dB@ 1 kHz
Fader Kill:	< -90 dB
Channel EQ:	Hi +9, -45 dB, Kill: -45 dB
	Mid +9, -35 dB, Kill: -35 dB
	Low +9, -55 dB, Kill: -55 dB

DESCRIPTION OF FUNCTIONS

Power: This is the power switch to turn the mixer "ON" or "OFF"

AC IN: This is the Input connection for the included power supply.

Line: Line inputs (represented by the letter L, followed by the input number) are used to connect to line level sources such as CD players, Mini Discs, DATs, samplers, etc.

TT: TT (or phono) inputs are used to connect to turntables.

Ground: Connects to the turntable ground cable to eliminate electrical hum. Ground cables are usually supplied with turntables

Master: Connects to an amplifier, EQ, crossover, or other outboard signal processing.

Booth: This is a second output, like the master output. It is usually used as a separate output in the DJ Booth for the DJ to monitor the mix

REC: This is the record output. The output level is static in this case, there are no volume controls. It is used to connect directly to tape or CD recorders. The volume can be set from the recording device.

FADER CLEANING AND INSTALL

After constant use the SMX-301 faders may need to be cleaned and lubricated from time to time. This will ensure long life and keep a smooth feeling throughout the fader's lifetime. Follow the instructions below to lubricate and clean your faders:

Removing a fader:

1. Make sure mixer is powered off and power supply is disconnected from back of mixer.

2. Remove the fader to be cleaned or replaced by unscrewing the 2 outer screws on the fader plate (removing the 2 inner screws will detach the fader from the fader plate).

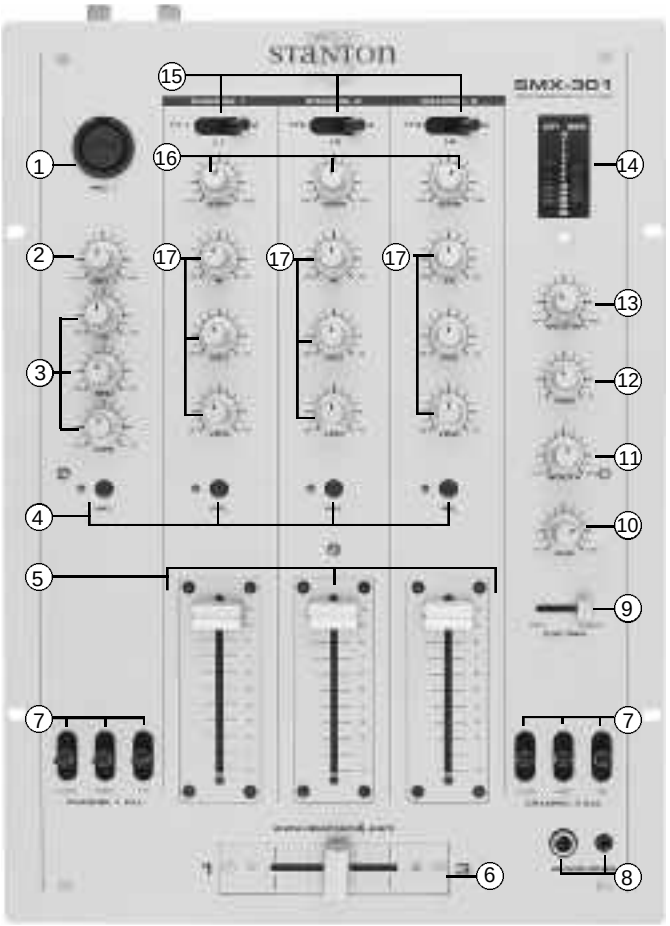
3. Disconnect the fader from mixer by removing the connector on the bottom of the fader.

Installing a fader:

1. Once original fader has been removed, simply plug the 4-pin connector into the new fader.

2. Place fader back in mixer and replace 2 outer screws to secure fader.

DESCRIPTION OF FUNCTIONS



DESCRIPTION OF FUNCTIONS

1. Microphone 1 input - This combo (1/4"/XLR) connector is used to connect a microphone. The volume is controlled by the MIC 1 knob.

2. Mic 1 level - Controls the input level of Microphone input 1.

3. Mic equalizer - Individual controls for high frequency, midrange, and low frequency equalization. The EQ controls both Microphone inputs. ***Note: Any changes made to EQ settings will change the overall output level.***

4. Pre fader listen - Selects the channel(s) - 1, 2, or 3 - to be previewed in the headphones.

5. Channel faders - Controls the output volume of each channel. The signal is routed to the line faders after the gain, EQ, pan, and effects.

6. Crossfader - The crossfader is used to cross fade between channels 1 and 3.

7. Kill switches - Kill switches are used to completely eliminate Hi, Mid, or Low frequencies from the audio. This is used for tricks during a mix.

8. Headphone outputs - This is the headphone output jack to connect your headphones.

9. Cue pan - Fades the headphone output between the PFL signal (selected by the Cue Select buttons) and master output, effectively allowing the user to preview a mix.

10. Cue level - Controls the volume of the headphone output.

11. Booth level - Controls the booth output level. This is basically a 2nd output. It is usually used for monitoring in a DJ booth, but can be used for various applications.

12. Master output Pan- This is the pan or balance control for the mast output.

13. Master output level - Controls the overall output level of the mixer.

14. Output meters - These LEDs let you know if the audio coming out of the mixer is loud enough (or too loud!). If the LEDs reach the red, the mixer is probably clipping, or distorting.

15. Input selectors - These toggle switches select the input source between phono and line for each channel.

16. Input gains - Controls the input sensitivity level of each channel. An LED meter is provided on each of the 3 channels for proper adjustment of the levels.

17. Channel equalizer - Individual controls for high frequency, midrange, and low frequency equalization with +9dB/Kill adjustments. ***Note: Any changes made to EQ settings will change the overall output level.***