STANTON

RM THREE Professional performance mixer



OWNER'S MANUAL

Register this product online @ stantonmagnetics.com

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

This new, innovative family of mixers has been developed with input from the professional DJ community, bringing to the marketplace a previously unavailable, affordable combination of user-friendly, functional design, rugged construction, and professional quality features.

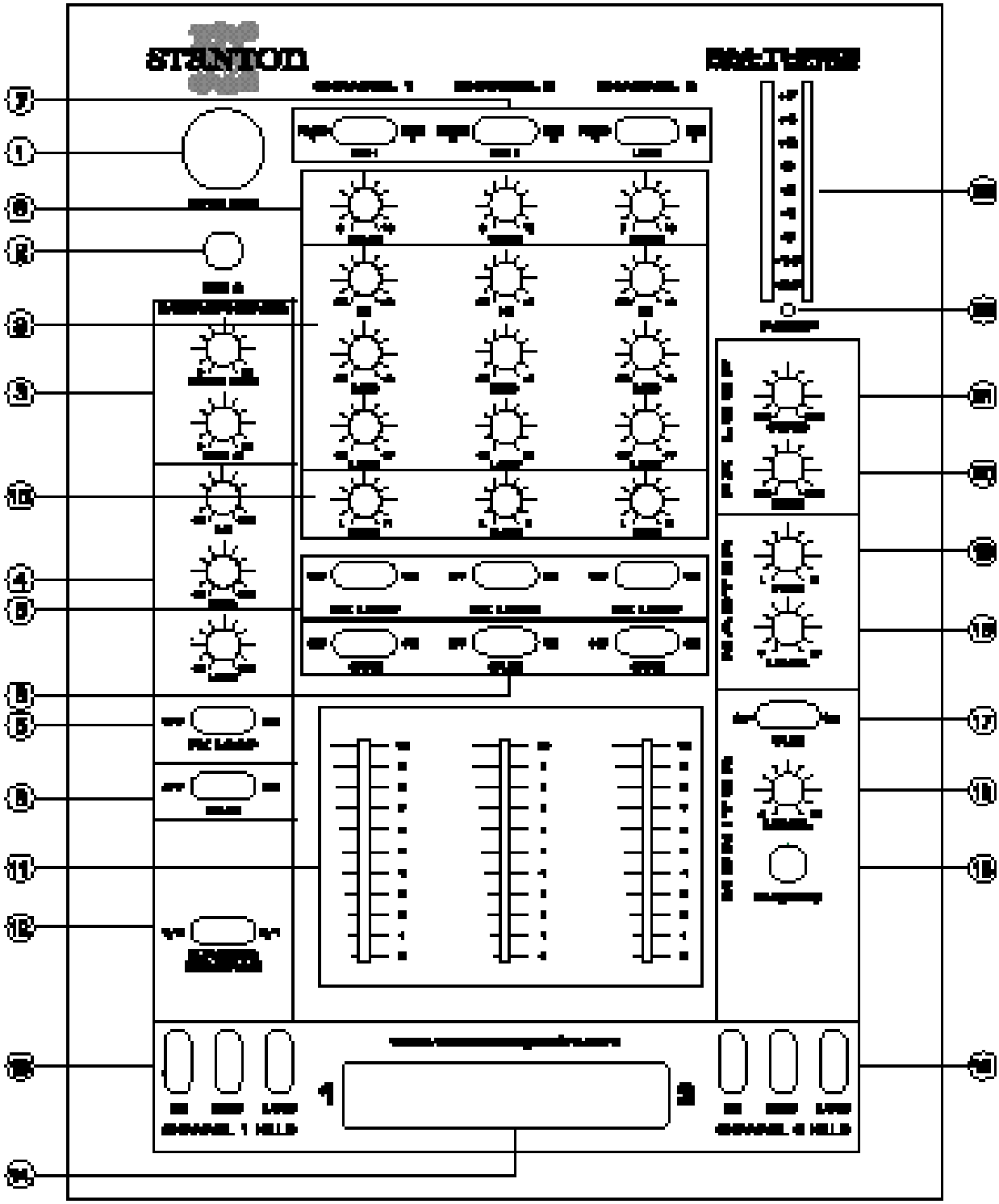
Stanton and your authorized Stanton dealer are dedicated to your complete satisfaction by offering benchmark service and support throughout the long life of your Stanton product.

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

PLEASE READ CAREFULLY BEFORE USE OF THIS PRODUCT

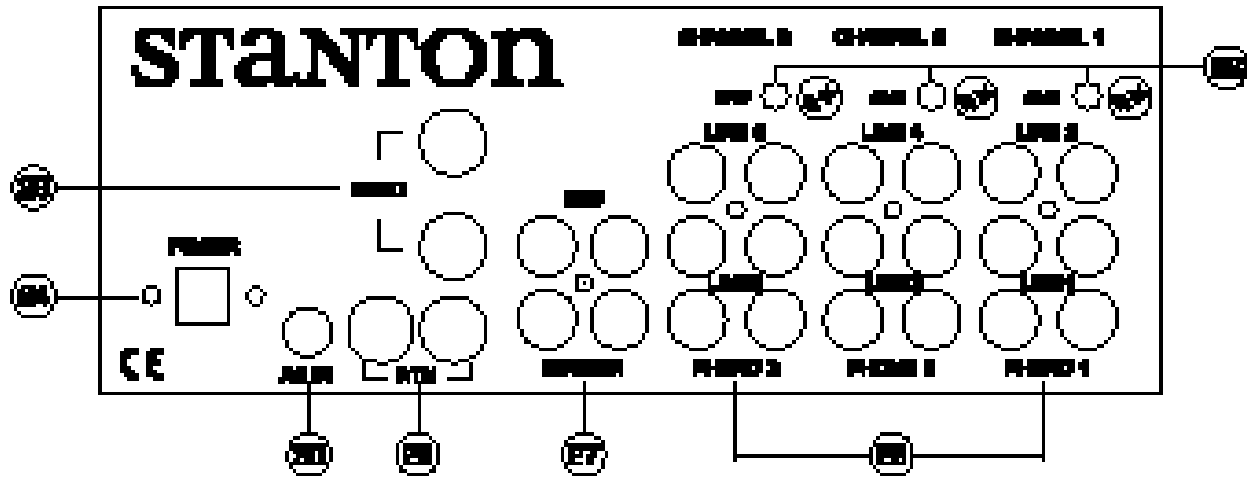
FAILURE TO FOLLOW THE INSTRUCTIONS PRINTED BELOW MAY VOID WARRANTY

- 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.
- 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 you mixer to an authorized Stanton dealer for servicing.



DESCRIPTION OF FUNCTIONS

1. Main microphone input: XLR connector
2. Microphone 2 input: 1/4” connector
3. Mic level controls: Controls the overall microphones output level
4. Mic EQ: Controls for low frequency, midrange, and high frequency equalization of both microphones with (+/-12 dB) Note: Any changes made to EQ settings will change the overall microphone output level
5. Effect ON/OFF switches: Turns effect send signal ON or OFF for each channel
6. Cue ON/OFF switches: Turns Cue signal ON or OFF for each channel
7. Input selector switches: Selects the audio signal source for each channel
8. Gain control: Controls the input sensitivity of each channel
9. EQ: Individual controls for low frequency, midrange, and high frequency equalization with (+9/-26 dB) Note: Any changes made to EQ settings will change the overall output level
10. Pan control: Controls left/right output balance of each channel
11. Channel faders: Controls the output level of each channel
12. Crossfader Reverse: Reverses the direction of the crossfader
13. Frequency Kill switches: Individual kill controls for low frequency, midrange, and high frequency of channels 1 and 3
14. Crossfader: Fades the master output between channels 1 and 3.
15. Headphone output: Connection for 1/4 inch headphone. It is recommended headphones with an impedance rating of 200 ohms or less be used for maximum volume
16. Headphone level control: Controls the overall headphone output level. It is recommended headphones with an impedance rating of 200 ohms or less be used for maximum volume
17. Master Cue ON/OFF: Turns headphone output ON or OFF
18. Master level control: Controls the overall signal output level.
19. Master balance control: Controls left/right output balance of the overall signal
20. Send level: Controls the level of the signal traveling to the external effects unit used in the effects loop
21. Return level: Controls the overall level of the the external effects used in the effects loop
22. Power indicator: Blue LED indicates whether mixer is ON or OFF
23. Level meter: Displays the level of the overall output stereo signal
24. Power switch: Turns the mixer "ON" or "OFF"



25. Channel Inputs: 2 line and 1 phono inputs are provided for each channel. Line inputs are used to connect to line level sources such as CD players, MDs, DATs, samplers, etc. Phono inputs are used to connect to turntables.
26. Ground connector: Connects to the turntable ground connector to eliminate electrical hum. Ground connectors are usually supplied with turntables
27. Master output: Connects to an amplifier, EQ, crossover, or other outboard signal processing.
28. Send output: Connects to the input of an outboard signal processor (such as the NEXT! DJS-24 digital sampler)
29. Return input: Connects to the output of the outboard signal processor to create an effect loop
30. Power supply connector: Input connection for the accompanying power supply.

FADER CLEANING

The RM THREE faders may need lubrication from time to time. This will extend the fader life and eliminate any potential damage due to extended heavy usage.

Cleaning Instructions

1. Remove the fader to be cleaned by unscrewing the outer screws (removing the 2 inner screws will detach the fader from the fader plate) and disconnecting the cable coming from the mixer.

2. Spray a small amount of cleaner or lubricant into both ends of the fader and slide the fader back and forth a few times to spread the fluid evenly throughout the fader.

3. Shake and wipe off excess fluid before re-assembling the fader.

FADER REPLACEMENT

To replace the cross or channel faders, follow step 1 of the cleaning instructions. Replacement parts are available from Stanton or your local Stanton dealer.

LF-RM3	Channel input fader
CF-RM3	Crossfader
PS-18US	US Power Supply (110v)
PS-18EU	European Power Supply (220v)
PS-18UK	UK only Power Supply (240v)

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TROUBLESHOOTING

Problem	Cause	Solution
Excessive hum when using phono source.	Poor ground connection.	Properly connect turntable ground wire to mixer ground terminal.
	Loose cartridge/headshell connection.	Check cartridge connection to headshell. Check headshell connection to tonearm.
Low frequency hum while operating source unit.	Poor AC source ground. Loose input/output connection. Shorted cable.	Properly ground the AC source. Check all input and output connections for secure fit. Isolate and replace the damaged cable.
Program volume can't be adjusted with master volume control.	Amplifier or outboard gear connected to the record output.	Connect amplifier or outboard gear to master output.
No power.	Improperly connected AC cord or power line source not on.	Properly connect AC cord to AC power source. Turn power on.
	Blown fuse.	Remove the fuse cover with a flat-bladed screwdriver. Replace fuse with a new 500mA fuse.
The amplifier is turned up, but there is no signal.	Faulty output connections	Properly connect amplifier, or outboard gear to mixer.
	Improper level adjustment.	Properly set crossfader, channel faders, gain controls, and input selector toggles.
No signal in headphones.	Improper connection.	Check headphone connection to mixer. Tighten if necessary.
	Improper level or cue mix settings.	Adjust headphone level and cue mix to the proper level and channel settings.

TECHNICAL SPECIFICATIONS

Line inputs:	6 (RCA), 150 mV / 27K ohm
Phono inputs:	3 (RCA), 3 mV / 47K ohm
DJ mic input:	2 (XLR, 1/4"), 2.45 mV / 3K ohm
Effect Send:	1 (1/4"), 775mv
Effect Return:	1 (1/4"), 245mv
Master output:	1 (RCA), 775 mV / 1K ohm
Record output:	1 (RCA), 245 mV / 10K ohm
Headphone output:	1 (1/4"), 32 - 200 ohms recommended
Frequency Response:	20 Hz - 20 kHz, +/- 2 dB
Tone Control :	+ 9/-26 dB (Hi, Mid, Low)
Mic Tone:	Hi/Mid/Lo +/-12 dB
Gain Control:	0-20dB
S/N Ratio:	Less than 70dB
T.H.D:	less than 0.2%
Dimension(LxWxD):	14" x 10 1/4" x 4" (356 x 260 x 102 mm)
Weight:	8 lbs (3.6 Kg)

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, 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 ONLINE WARRANTY REGISTRATION FORM FOUND AT WWW.STANTONMAGNETICS.COM