



MX SERIES

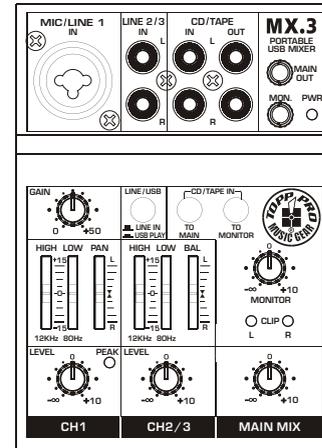
User's Manual



TOPP PRO MUSIC GEAR
www.toppopro.com

PORTABLE USB MIXER MX.3

MX SERIES



Safety Related Symbols



This symbol, wherever used, alerts you to the presence of un-insulated and dangerous voltages within the product enclosure. These are voltages that may be sufficient to constitute the risk of electric shock or death.



This symbol, wherever used, alerts you to important operating and maintenance instructions.

Please read,



Protective Ground Terminal



AC mains (Alternating Current)



AC mains (Alternating Current)

ON:

Denotes the product is turned on.

OFF:

Denotes the product is turned off.

WARNING

Describes precautions that should be observed to prevent the possibility of death or injury to the user.



CAUTION

Describes precautions that should be observed to prevent damage to the product. Disposing of this product should not be placed in municipal waste but rather in a separate collection.

WARNING

Power Supply

Ensure that them a inssource voltage (AC outlet) matches the voltage rating of the product. Failure to do so could result in damage to the product and possibly the user. Unplug the product before electrical storms occur and when unused for long periods of time to reduce the risk of electric shock or fire.

External Connection

Always use proper ready-made insulated mains cabling (power cord). Failure to do so could result in shock/death or fire. If in doubt, seek advice from a registered electrician.

Do Not Remove Any Covers

Within the product are areas where high voltages may present. To reduce the risk of electric shock do not remove any covers unless the AC mains power cord is removed. Covers should be removed by qualified service personnel only.

No user serviceable parts inside.

Fuse

To prevent fire and damage to the product, use only the recommended fuse type as indicated in this manual. Do not short-circuit the fuse holder. Before replacing the fuse, make sure that the product is OFF and disconnected from the AC outlet.

Protective Ground

Before turning the unit ON, make sure that it is connected to Ground. This is to prevent the risk of electric shock.

Never cut internal or external Ground wires. Like wise, never remove Ground wiring from the Protective Ground Terminal.

Operating Conditions

Always install in accordance with the manufacturer's instructions.

To avoid the risk of electric shock and damage, do not subject this product to any liquid/rain or moisture. Do not use this product when in close proximity to water.

Do not install this product near any direct heat source. Do not block areas of ventilation. Failure to do so could result in fire.

Keep product away from naked flames.

IMPORTANT SAFETY INSTRUCTIONS

Read these instructions

Follow all instructions

Keep these instructions. Do not discard.

Heed all warnings.

Only use attachments/accessories specified by the manufacturer.

Power Cord and Plug

Do not tamper with the power cord or plug. These are designed for your safety.

Do not remove Ground connections!

If the plug does not fit your AC outlet seek advice from a qualified electrician.

Protect the power cord and plug from any physical stress to avoid risk of electric shock.

Do not place heavy objects on the power cord. This could cause electric shock or fire.

Cleaning

When required, either blow off dust from the product or use a dry cloth.

Do not use any solvents such as Benzol or Alcohol.

For safety, keep product clean and free from dust.

Serviceing

Refer all servicing to qualified service personnel only.

Do not perform any servicing other than those instructions contained within the User's Manual.

PORTABLE CART WARNING



Carts and stands - The component should be used only with a cart or stand that is recommended by the manufacturer.

A component and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the component and cart combination to overturn.

10

Notes

TABLE OF CONTENTS

1. INTRODUCTION.....	4
2. FEATURES.....	4
3. INSTRUCTION.....	4
4. CONTROL ELEMENTS.....	5
5. CONNECTING DIAGRAMS.....	7
6. WIRING CONNECTION.....	8
7. BLOCK DIAGRAM.....	9
8. TECHNICAL SPECIFICATIONS.....	10
9. GUARANTEE.....	12
10. NOTES.....	13

1 Introduction

Thank you for purchasing the TOPP PRO MX.3 compact portable mixer. MX.3 mixer features super mini size but equipped with powerful functions.

Please carefully read this manual before installation and operation. Thank you again for choosing TOPP PRO MUSIC GEAR products.

2 Features

- * 1 mic input channels with XLR and balanced line input.
- * 1 stereo input channels with RCA jack.
- * Ultra-low noise discrete Mic Preamps with +20V Phantom Power.
- * 2-band EQ (Warm, natural) in mono and stereo channels.
- * 1 Gain control in mono channel.
- * Peak LED in mono channel & master.
- * 2RCA-Track inputs & 2RCA-Track outputs
- * 2RCA-Track inputs assign to Main Mix & Monitor outputs.
- * Main Mix & Monitor outputs use 3.5mm stereo jack.
- * Built-in stereo USB/Audio interface
- * Either USB bus-powered or external adaptor(5VDC 500mA)

3 Instruction

Make sure MX.3 mixer is used in the area of ventilation. Do not install or use this product near any direct hear source(such as amplifier or heater).

Computer USB power or external voltage converter can also supply power to MX.3 mixer.

Note: when using computer USB as power supply, please make sure the USB port of the computer must comply with the standards of USB 2.0(5V 500mA)

Guarantee

Topp Pro guarantees the normal operation of the product against any defect of manufacture and/or vice of material, by the term of (12) months, counted as of the date of purchase on the part of the user, committing itself to repair or to change, to its election, without position some, any piece or component that will fail in normal conditions of use within the mentioned period.

This guarantee is valid if the original buyer will have to present/display this certificate properly sealed and signed by the selling house, accompanied by the corresponding invoice of purchase where it consisted the model and serial number of the acquired equipment.

The guarantee does not cover:

- Damages caused by the illegal use of the product, repair and/or nonauthorized modification conducted by people by **Topp Pro**.
- Damages caused by the connection of the equipment to other equipment different from the specified ones in the manual of use, or by bad connection to these last ones.
- Damages caused by electrical storms, blows and/or incorrect transport.
- Damages caused by excesses or falls of tension in the network or by connection to networks with a tension different from the required one by the unit.
- Damages caused by the presence of sand, acid of batteries, water, or any strange element inside the equipment.
- Deteriorations produced by the course of the time, use and/or normal wear of the unit.
- Alteration or absence of the serial number of factory of the equipment.

The repairs could only be carried out the authorized technical service by **Topp Pro**, that will inform about the term and other details into the repairs to take place according to this guarantee.

Topp Pro, will repair this unit in counted a term nongreater to 30 days as of the date of entrance of the unit to the Technical Service. In those cases in that due to the particularity of the spare part, outside necessary their import, the repair time and the viability of the same one will be subject to the effective norms for the import of parts, in which case one will inquire to the user about the term and possibility into repair.

With the object of its correct operation, and of the validity of this one guarantee, this product will have to be installed and to be used according to the instructions that are detailed in the manual associate or the package of the product.

This unit will be able to appear for its repair, next to the invoice of purchase (or any other proof where the date of purchase consists), to its authorized distributor Topp Pro or an authorized technical center on watch by **Topp Pro**.

Exclusion of damages:

THE RESPONSABILITY OF **TOPP PRO** BY ANY DEFECTIVE PRODUCT IS LIMITED THE REPAIR OR THE REPLACEMENT OF HE HIMSELF, TO TOPP OPTION PRO. IF WE CHOSE TO REPLACE THE PRODUCT, THE REPLACEMENT CAN BE A RECONDITIONATED UNIT. TOPP PRO WILL NOT BE RESPONSIBLE BY THE DAMAGES BASED ON THE LOST, INCONVENIENCE, LOSS OF USE, BENEFITS, LOST SAVINGS, BY THE DAMAGE TO OTHER EQUIPMENT OR OTHER ARTICLES IN THE USE SITE, OR BY ANY OTHER DAMAGE IF HE IS FORTUITOUS, CONSEQUENT OR OF ANOTHER TYPE, ALTHOUGH TOPP PRO HAS BEEN NOTICED OF THE POSSIBILITY OF SUCH DAMAGES.

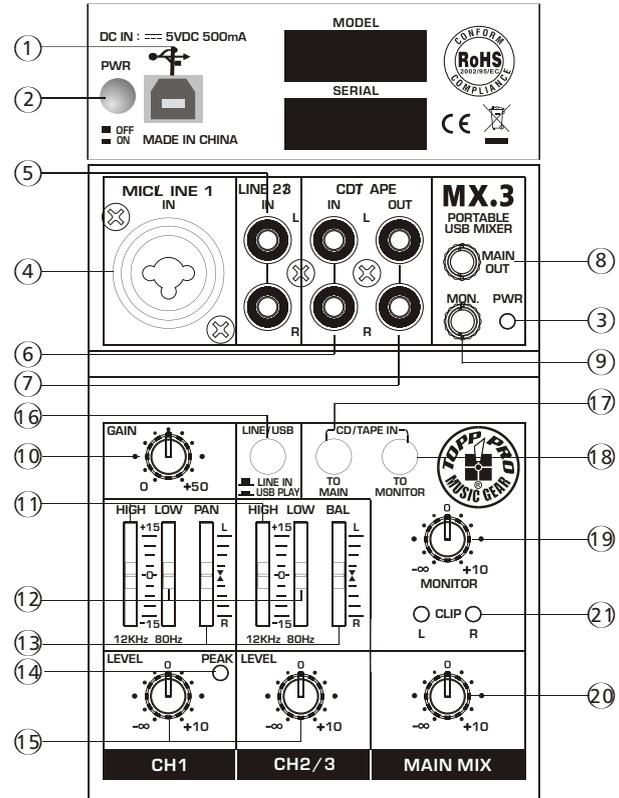
Some states do not allow to the exclusion or the limitation to the fortuitous or consequent damages, so the aforesaid limitation can not be applied to you.

This guarantee gives specific legal rights him, you you can also have other right that varies of state to state.

8 Technical Specifications

Control Elements

Main mix Noise (20 Hz-20 kHz)	MAIN OUT(all knob/fader @ 0 dBu, 22 Hz - 22 kHz Filter, Gain @ unity)	
	Main Mix knob/fader @ -∞, Channel Level knob/fader @ -∞	-120dBu(A-weighted)
	Main Mix knob/fader @ 0dB, Channel Level knob/fader @ -∞	-100dBu(A-weighted)
	Main Mix knob/fader @ 0dB, Channel Level knob/fader @ 0dB	-98dBu(A-weighted)
Equalization	Mono channels	Stereo channels
	High ±15 dB @12 kHz Low ±15 dB @80 Hz	High ±15 dB @12 kHz Low ±15 dB @80 Hz
PEAK Indicator	Channel1	+15dBu
VU Meters	Main Left and Right (1-segment)	
	Microphone Input	2.6k Ohms
Impedance	Line Input	10k Ohms
	Tape Input	10k Ohms
	Main Outputs	120 Ohms
	Phones Outputs	120 Ohms
	Tape Output	1K Ohms
USB SECTION	USB Interface	USB 2.0 full speed compliant
	ADC & DAC	16-Bit Delta-Sigma,44.1kHz Sampling Rates
Phantom power	Operating System	Windows 2000,XP or higher, Mac OS 9.0.4 or higher, 10.X or higher
	Mic Pin2/Pin3 And Pin1(XLR-3-31 type balanced 1=GND,2=HOT, 3=COLD)	+20V
Power supply	USB Connection	DC5V, 500mA
	Adaptor	DC5V, 500mA
Power Consumption	2.5W	
Physical	Dimension (L*W*H)	98 mm*136 mm*34 mm
	Weight	0.48Kg (1.1 lbs)



4 Control Elements

1- USB PORT

This Type B USB port can be used to connect the computer via Type B to A connector.

2- POWER SWITCH

To turn on/off the unit.

3- POWER LED

This LED will light up when the unit is powered on.

4- MIC/LINE IN JACK

This combined jack can be used to connect mono signal, such as XLR microphone or 1/4" line level.

*Note: Please choose balanced cable and MIC to connect. Do not use the unbalanced ones. When the unit is powered on, remember not to connect the high level signal to XLR MIC IN, which may damage the unit.

5- LINE IN JACK

This RCA jack is used for connecting stereo line in signal source.

6- CD/TAPE IN JACK

This RCA jack is used for connecting stereo line in signal source.

7- CD/TAPE OUT JACK

This RCA jack is used for connecting stereo tape recorder.

8- MAIN OUT JACK

This 3.5mm stereo jack is used to connect the active stereo speaker.

9- MONITOR OUT JACK

This 3.5mm stereo jack is used to connect the stereo headphone.

10- GAIN CONTROL

It is used for adjust the level of mono input.

11- HIGH

This treble control can be used to reduce the HF noise or boost the sound of percussion.

12- LOW

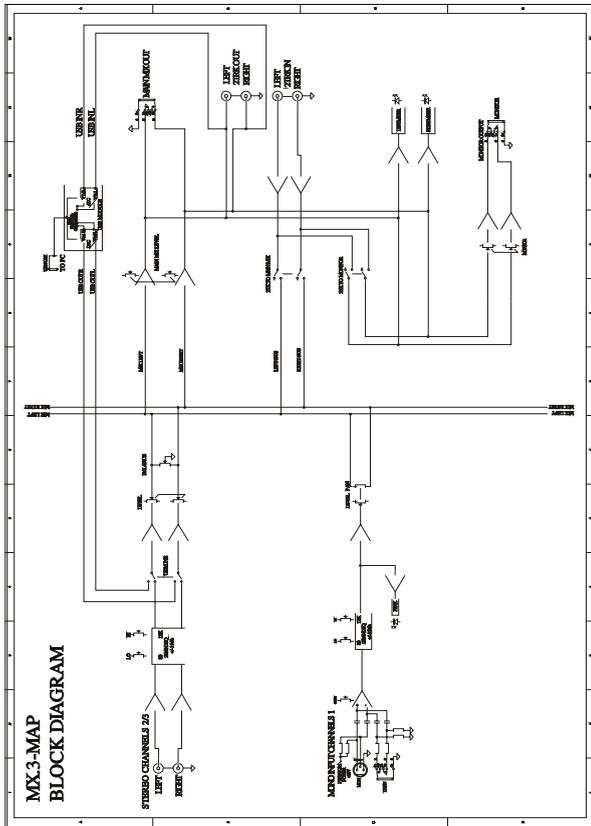
This bass control can be used to boost male or effect of drum & bass.

8

Technical Specifications

Type:	3 Channel USB MIXER	
Frequency Response	Mic Input to any Output (Gain @ 0 dB, Rated output level)	10 Hz to 40 kHz(0, -1dB) 10 Hz to 100 kHz(0, -3dB)
Distortion (THD&N)	Mic Input to MAIN Output (Gain @ 0 dB, Rated output level @ 20 Hz-20 kHz bandwidth)	0.01%(A-weighted)
MIC EIN (Equivalent Input Noise)	Input: Channel INPUT MIC (Rs = 150 Ω, Gain @ Max., 20 Hz-20 kHz bandwidth)	-118dBu(A-weighted)
CMRR	Mic in to main out (Gain @ Max., @ 1 kHz)	70dB
Input Gain (20 Hz-20 kHz)	Mono Channel	MIC:0 to 50dB, LINE:-35 to +15dB
	Stereo Channel	—
Attenuation (Crosstalk) (20 Hz-20 kHz)	Line in, 1/4" TRS Main Out, 1 kHz relative to 0 dBu, 22 Hz – 22 kHz Filter, Gain @ unity.	
	Main Mix knob/fader @ -∞	-79dBu(A-weighted)
	Channel Level knob/fader @ -∞	-79dBu(A-weighted)
Rated Output Level	Main, monitor, tape output (all knob/fader @ 0 dBu, 1 kHz)	0dBu
Maximum Output Level	Main, monitor, tape output (all knob/fader @ 0 dBu, 1 kHz, 22 Hz – 22 kHz Filter, THD @ 1%)	+17dBu
Maximum Voltage Gain (EQ and PAN/BAL knob @ 0 dB, Other all knob or fader @ max, 1 kHz, Rs=600Ω)	Mono Channel MIC INPUT→ MAIN OUT(3.5 Φ jack stereo)	69dBu
	Mono Channel MIC INPUT→ Monitor(3.5 Φ jack stereo)	78dBu
	Mono Channel MIC INPUT→ TAPE OUT(RCA)	69dBu
	Mono Channel LINE INPUT→ MAIN OUT(3.5 Φ jack stereo)	53dBu
	Stereo Channel LINE INPUT→ MAIN OUT(3.5 Φ jack stereo)	16dBu
	TAPE INPUT→ MAIN OUT(3.5 Φ jack stereo)	6dBu
	TAPE INPUT→ Monitor(3.5 Φ jack stereo)	9dBu

7 Block Diagram



4

Control Elements

13- PAN/BAL

This is the panorama control or balanced control. This control is used for stereo effect field of the signal. Set this control in middle position, signal levels of Channel L & R will be same. When the control is set to top stop, only Channel L receives the signal, Channel R can not. Vice versa.

14- PEAK LED

This is clip LED indicator of mono level. When this LED illuminates, it means that PFL mono level is clipped.

15- LEVEL CONTROL

This is channel level control, which is used for adjusting the level of corresponding channels.

16- LINE IN/USB PLAY

This is path control of the stereo sound source. When this control is engaged, the signal of channel 2/3 comes from USB PLAY(computer); when the control is disengaged, the signal will be from RCA jacks of channel 2/3.

17- CD/TAPE TO MAIN

This is the assignment control of stereo line level. When this control is engaged, the signal of CD/TAPE will be assigned to MAIN MIX OUT. When the control is disengaged, the assignment will be disconnected.

18- CD/TAPE TO MONITOR

This is the assignment control of stereo line level. When this control is engaged, the signal of CD/TAPE will be assigned to MONITOR OUT. When the control is disengaged, MONITOR OUT will receive the signal from MAIN MIX OUT.

19- MONITOR

This is monitor control used for adjusting the monitor output level.

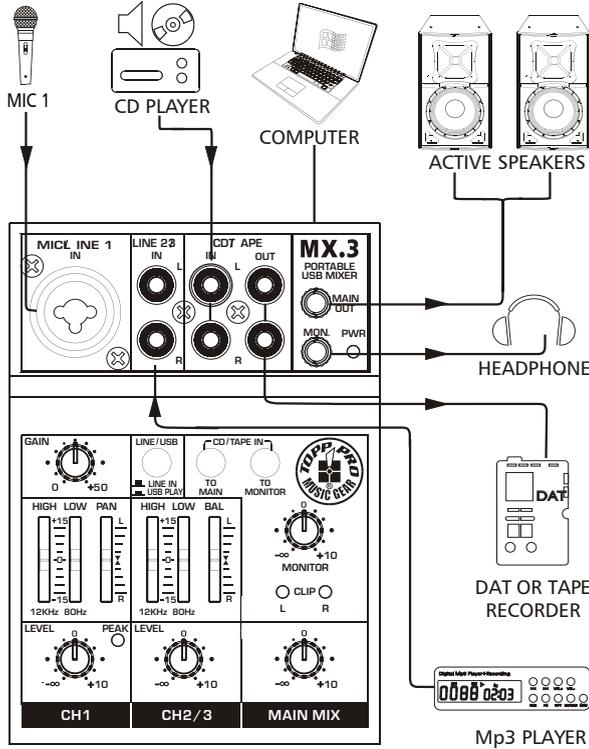
20- MAIN MIX

This is main mix control used for adjusting the main mix output level.

21- CLIP LED(L&R)

This is main mix level dip LED. When this LED lights up, main mix level will be clipped.

5 Connecting Diagram



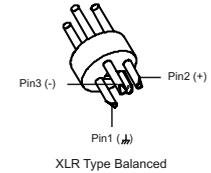
6

Wiring connection

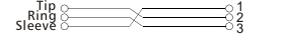
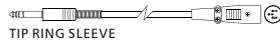
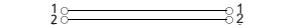
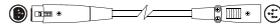
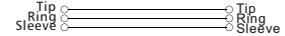
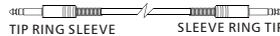
In-line Connection

For these applications the unit provides 1/4" TRS and XLR connectors to easily interface with most professional audio devices. Follow the configuration examples below for your particular connection.

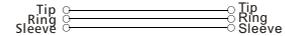
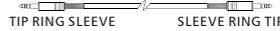
- For XLR Connector



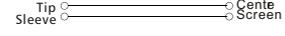
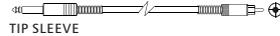
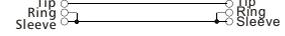
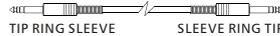
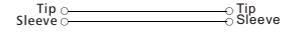
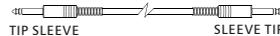
- Balanced



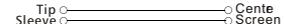
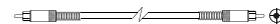
3.5mm to 3.5mm



- Unbalanced



RCA Connection



USB Connection

