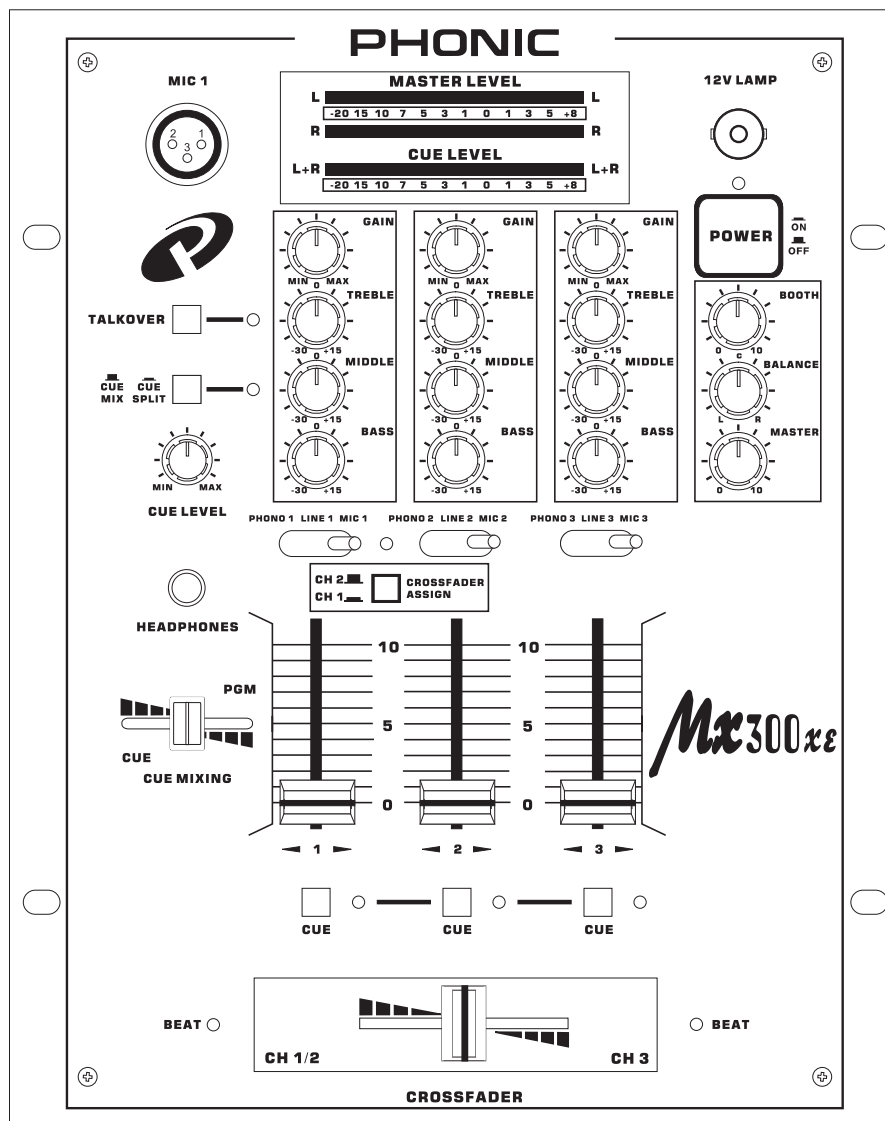


PHONIC

MX300 XE DJ MIXER

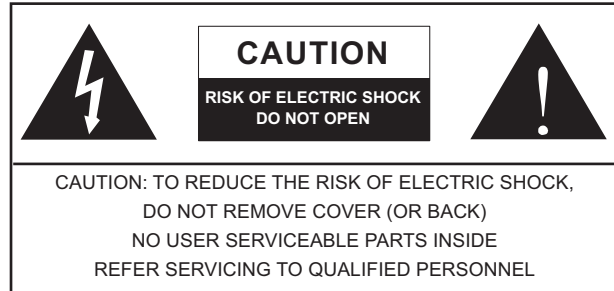


IMPORTANT SAFETY INSTRUCTIONS

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. The MAINS plug is used as the disconnect device, the disconnect device shall remain readily operable.

Warning: the user shall not place this apparatus in the confined area during the operation so that the mains switch can be easily accessible.

1. Read these instructions before operating this apparatus.
2. Keep these instructions for future reference.
3. Heed all warnings to ensure safe operation.
4. Follow all instructions provided in this document.
5. Do not use this apparatus near water or in locations where condensation may occur.
6. Clean only with dry cloth. Do not use aerosol or liquid cleaners. Unplug this apparatus before cleaning.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plug, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

CAUTION: Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.



MX300 XE

DJ MIXER

USER'S MANUAL

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INTRODUCTION

Congratulations on your purchase of the Phonic MX DJ Mixer series – MX300 XE. In order to get the best performance of the MX DJ Mixer series, please read all safety and owner's manual carefully before operating the mixer, and keep it in a safe place for further reference.

FEATURES

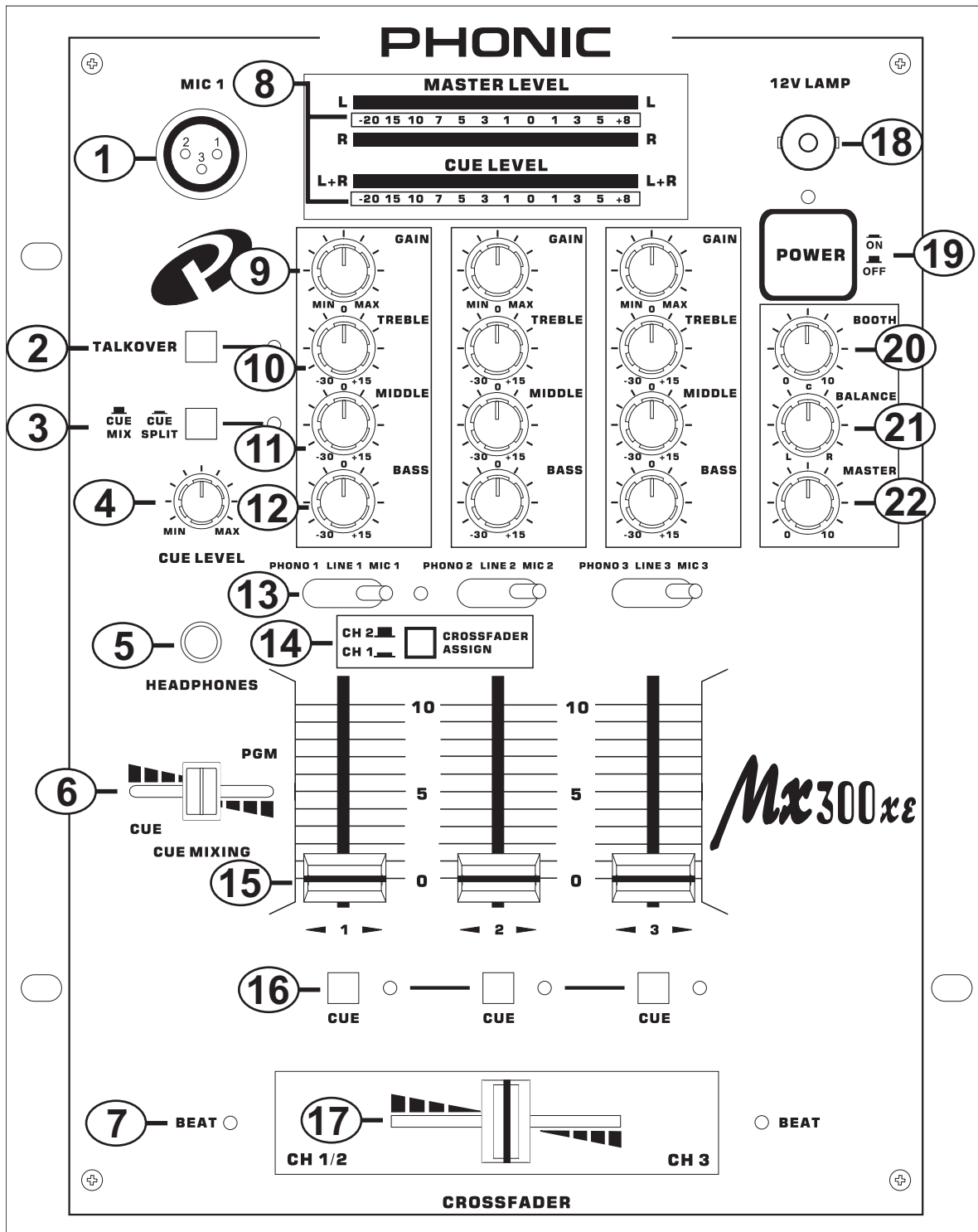
- ▶ Channel 1-3 on the front panel switchable between phono, mic or line
- ▶ Mic 1 microphone-input via unbalanced XLR-socket on the front panel
- ▶ Mic 2 and 3 microphone-input via 1/4" mono-jack on the back panel
- ▶ Input sensitivity control (gain) for each channel
- ▶ 3-fold, separate tone-control (bass, middle, treble) for each channel with extremely wide range
- ▶ Limited Killfunction (attenuated to -30dB) and limited F/X-function (enforced to +15dB) possible. You can cut the signal almost completely off by turning the control to the left
- ▶ High-quality smooth channel faders
- ▶ Super long durable crossfader replaceable from above
- ▶ Crossfader for mixing channels 1, 2, and 3 (crossfader assign button)
- ▶ 2 beat-indicator at the crossfader for perfect mixing
- ▶ 3 LED-level-displays (master-out L/R and Cue Level)
- ▶ Headphones-connection on the front panel
- ▶ Headphone-output adjustable via Cue Level-control
- ▶ Additional Cue Split/Cue Mix-button
- ▶ Cue Split function: the Cue-signal is on the one side of the headphones and the output-signal on the other side
- ▶ Cue Mix function: the adjustable mix of cue-signal and output signal is on both sides of the headphones
- ▶ Mixing of the headphones-signal possible via cue mixing-fader
- ▶ Output signal adjustable via master-control and balance-control
- ▶ Master-Out, Booth-out, and Rec-Out via 2 RCA-sockets each

- ▶ Rec-Out independent from master-level for records with static level
- ▶ Separately controllable monitor-output (DJ-booth) for connecting active speaker or an additional amplifier
- ▶ High-grade discotheque-mixer with a convincing sound

GETTING STARTED

1. Before turn on the power, set the Master output control on each channel all the way off.
2. Always turn the power off before connecting or disconnecting cables.
3. Check the AC Voltage before connecting the AC plug.

FRONT PANEL



1. Mic 1 Socket

Connect the microphone with this XLR plug and control the signal via the Mic Level-control. You can adjust the microphone volume by using the ch-1 fader. Make sure that the PHONO/LINE/MIC switch is set to MIC.

2. Talkover Button

Press this button if you want to use your microphone. When the button is pressed, all other signal sources will be attenuated by 14 dB, so that the microphone can be clearly heard. In the OFF position, all signals return to their original level.

PHONIC

3. Cue Split/Cue Mix Button

Cue Split function (button pressed): the cue signal is on the one side of the headphones and the output signal on the other side.

Cue Mix function (button released): the adjustable mix of cue-signal and output-signal is on both sides of the headphones.

4. Cue Level Control

With this knob, you can adjust the headphones volume without changing the output signal.

5. Headphone Socket

Connect your headphone with impedance between 8 and 600 Ohms to this connector.

6. Cue Mixing Fader

Connect your headphones to the headphones socket and select the desired channel for monitoring with the Cue button. When you set the cue mixing fader to PGM (cue button without function), you can cue the output signal of the mixer. When this fader is set at the center position, you can cue both the channel signal you selected and the output signal.

7. Beat Indicator

The LED lights up at every bass beat of the respective source. As soon as the LEDs flash synchronously, the speed of the two sources is synchronized.

8. Master Level / Cue Level Display

The upper display shows the level of the left and right master output, while the lower display shows the level of the channel currently being cued (cue LED on).

9. Gain Control

Use this knob to set the level of input channel.

10. Treble Control

Used to increase or lower the HIs of the input channel.

11. Middle Control

Used to increase or lower the MIDs of the input channel.

12. Bass Control

Used to increase or lower the LOWs of the input channel.

13. Phono /Line /Mic Switch

Use this switch to select the input to be sent to the individual channel.

14. Crossfader Assign Selector

With this knob, you can choose whether channel 1 (button pressed) or channel 2 (button released) will be assigned to the left crossfader-side. The other channel remains active.

15. Channel Fader

Used to adjust the level of each channel.

16. Cue Button

Use this button in order to select the channel(s) to be monitored. The red LED next to the button will come up when its channel is being selected.

17. Crossfader

Mixes the signals of one channel with another. If the crossfader is in the center position, both channels can be heard.

18. 12V Lamp

BNC-socket for gooseneck lamp with a maximum current 120 mA.

19. Power Switch

Press down the button to turn on this unit. The LED will illuminate when the power is on.

20. Booth Control

You can connect your monitor system with this booth socket on the back panel.

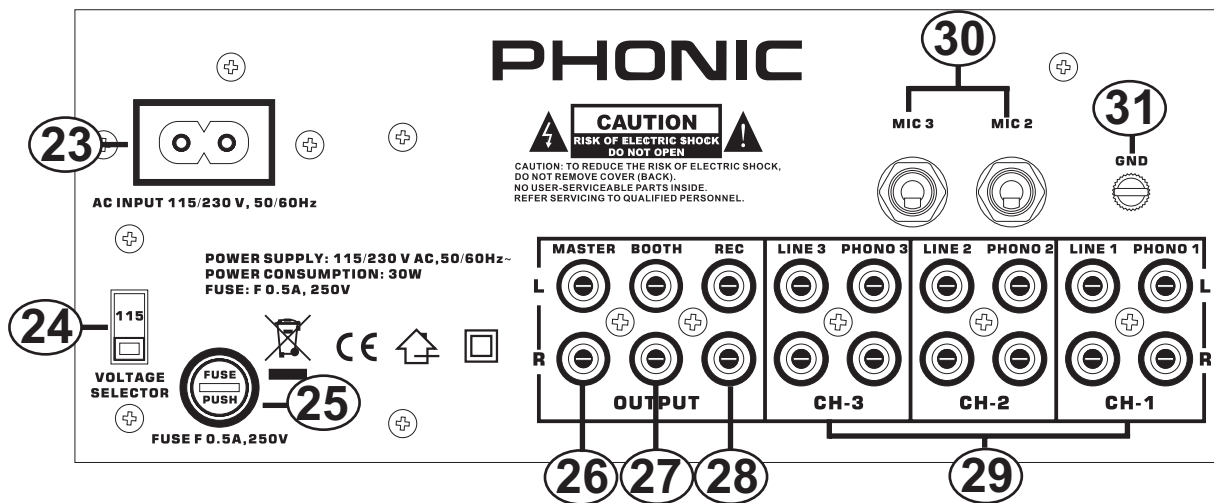
21. Balance Control

Used to adjust how much of the signal is sent to the left and right master socket.

22. Master Control

Adjust the level of the master-output.

BACK PANEL



23. AC Connection

Used to plug the power cord in.

24. AC Voltage Selector

Make sure that the selector is properly set according to your current local power supply company.

25. Fuse Holder

Only operate the fuse when the device is disconnected from mains. Only use fuses of the same rating and power.

26. Master Output

Master output connects to the main amplifier (DJ final mix after crossfader section), accepts RCA jacks.

27. Booth Output

Connect your monitor system here.

28. REC OUT Output

To connect your recording unit. These jacks are RCA types, which are suitable for connection of a recording device. Its level is not influenced by the master control.

29. Phono / Line Inputs Sockets

These inputs, for ch-1~3, accept RCA-plug connectors. Use phono input socket for phonograph turntables. Use line socket for CD players, cassette players. Line level musical instruments with stereo outputs such as rhythm machines or samplers should also be connected with the line input socket.

30. MIC Sockets

Connect your microphone with 1/4" jack plug here. The signals of Mic 3 can be controlled via ch-3, if phono 3/line 3/mic 3 switch is set to mic 3. The signals of Mic 2 can be controlled via ch-2, if phono 2/line 2/mic 2 switch is set to mic 2.

31. GND

Connect the earth cable from the turntables. This helps to reduce humming and pop noise.

SPECIFICATIONS

	MX300 XE
Input	3 phono, 3 line, 3 mic
Output	1 master, 1 rec 1 booth via RCA
Minimum Input Voltage	
Phono	3.2mV RMS, 47kOhms
Line	150mV RMS, 47kOhms
Microphone	3mV RMS, 2.2kOhms
Output Voltage	
Line	7V RMS max
Headphones	0.4V
Frequency Range	+/-3 dB
Phono	20Hz ~ 2KHz
Line	10Hz ~ 50KHz
Microphone	20Hz ~ 20KHz
Distortion	<0.05%
S/N Ratio	
Phono	-50dB
Line	-64dB
Microphone	-60dB
Talkover Attenuation	-14dB
Headphones Impedance	8 Ohms
Tone Control	
Treble	40KHz,-30dB ~ 15dB
Middle	1KHz,-30dB ~ 15dB
Bass	40Hz,-30dB ~ 15dB
Dimension (W x D x H)	254x 320 x99 (mm)
Weight	3.5 (kg)
Power Supply	115/230V, 50/60Hz
Power consumption	30 W

TO PURCHASE ADDITIONAL PHONIC GEAR AND ACCESSORIES

To purchase Phonic gear and optional accessories, contact any authorized Phonic distributor. For a list of Phonic distributors please visit our website at www.phonic.com and click on Get Gear. You may also contact Phonic directly and we will assist you in locating a distributor near you.

SERVICE AND REPAIR

Phonic has over 100 service centers worldwide. For replacement parts, service and repairs please contact the Phonic distributor in your country. Phonic does not release service manuals to consumers, and advice users to not attempt any self repairs, as doing so voids all warranties. You can locate a dealer near you at www.phonic.com.

WARRANTY INFORMATION

Phonic stands behind every product we make with a no-hassles warranty. Warranty coverage may be extended, depending on your region. Phonic Corporation warrants this product for a minimum of one year from the original date of purchase against defects in material and workmanship under use as instructed by the user's manual. Phonic, at its option, shall repair or replace the defective unit covered by this warranty. Please retain the dated sales receipt as evidence of the date of purchase. You will need it for any warranty service. No returns or repairs will be accepted without a proper RMA number (return merchandise authorization). In order to keep this warranty in effect, the product must have been handled and used as prescribed in the instructions accompanying this warranty. Any tempering of the product or attempts of self repair voids all warranty. This warranty does not cover any damage due to accident, misuse, abuse, or negligence. This warranty is valid only if the product was purchased new from an authorized Phonic dealer/distributor. For complete warranty policy information, please visit <http://www.phonic.com>.

CUSTOMER SERVICE AND TECHNICAL SUPPORT

We encourage you to visit our online help at <http://www.phonic.com/help/>. There you can find answers to frequently asked questions, tech tips, driver downloads, returns instruction and other helpful information. We make every effort to answer your questions within one business day.

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