



## Technical Specifications



# XENYX 802

Premium 8-Input 2-Bus Mixer with Xenyx Mic Preamps  
and British EQs

# XENYX 802

## Premium 8-Input 2-Bus Mixer with Xenyx Mic Preamps and British EQs

- Premium ultra-low noise, high headroom analog mixer
- 2 state-of-the-art XENYX Mic Preamps comparable to stand-alone boutique preamps
- Neo-classic "British" 3-band EQs for warm and musical sound
- 1 post fader FX send per channel for external FX devices
- 1 stereo aux return for FX applications or as separate stereo input
- Main mix outputs plus separate control room, phones and stereo CD/tape outputs
- CD/tape inputs assignable to main mix or control room/phones outputs
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

## Specifications

### Mono Inputs

#### Microphone Inputs (XENYX Mic Preamp)

Type	XLR connector, electronically balanced, discrete input circuit
------	--

#### Mic E.I.N.¹(20 Hz - 20 kHz)

@ 0 Ω source resistance	-134 dB / 135.7 dB A-weighted
@ 50 Ω source resistance	-131 dB / 133.3 dB A-weighted
@ 150 Ω source resistance	-129 dB / 130.5 dB A-weighted

#### Frequency Response

<10 Hz - 150 kHz	-1 dB
<10 Hz - 200 kHz	-3 dB
Gain range	+10 dB to +60 dB
Max. input level	+12 dBu @ +10 dB GAIN
Impedance	approx. 2.6 kΩ balanced
Signal-to-noise ratio	110 dB / 112 dB A-weighted (0 dBu In @ +22 dB GAIN)
Distortion (THD + N)	0.005% / 0.004% A-weighted

#### Line Input

Type	¼" TRS jack, electronically balanced
Impedance	approx. 20 kΩ balanced, approx. 10 kΩ unbalanced
Gain range	-10 dB to +40 dB
Max. input level	+22 dBu @ 0 dB GAIN

### Fade-Out Attenuation² (Crosstalk Attenuation)

Main fader closed	90 dB
Channel muted	89.5 dB
Channel fader muted	89 dB

### Frequency Response (Mic In → Main Out)

<10 Hz - 90 kHz	+0 dB / -1 dB
<10 Hz - 160 kHz	+0 dB / -3 dB

### Stereo Inputs

Type	¼" TRS jack, electronically balanced
Impedance	approx. 20 kΩ
Max. input level	+22 dBu

### Equalizer

#### EQ Mono Channels

LOW	80 Hz / ±15 dB
MID	2.5 kHz / ±15 dB
HIGH	12 kHz / ±15 dB

#### EQ Stereo Channels

LOW	80 Hz / ±15 dB
MID	2.5 kHz / ±15 dB
HIGH	12 kHz / ±15 dB

**Send/Return****Aux Sends**

Type	¼" TS jack, unbalanced
Impedance	approx. 120 Ω
Max. output level	+22 dBu

**Stereo Aux Returns**

Type	¼" TRS jack, electronically balanced
Impedance	approx. 20 kΩ balanced / approx. 10 kΩ unbalanced
Max. input level	+22 dBu

**Outputs****Main Outputs**

Type	¼" TRS jack, unbalanced
Impedance	approx. 120 Ω unbalanced
Max. output level	+22 dBu

**Control Room Outputs**

Type	¼" TS jack, unbalanced
Impedance	approx. 120 Ω
Max. output level	+22 dBu

**Headphones Output**

Type	¼" TRS jack, unbalanced
Max. output level	+19 dBu / 150 Ω (+25 dBm)

**Main Mix System Data<sup>3</sup> (Noise)**

Main mix @ -∞, channel fader @ -∞	-106 dB / -109 dB A-weighted
Main mix @ 0 dB, channel fader @ -∞	-95 dB / -98 dB A-weighted
Main mix @ 0 dB, channel fader @ 0 dB	-84 dB / -87 dB A-weighted

**Power Supply**

Power consumption	13 W
-------------------	------

**USA/Canada**

Adapter	BEHRINGER PSU MX3UL
Mains voltage	120 V~, 60 Hz

**Europe/U.K./Australia**

Adapter	BEHRINGER PSU MX3EU
Mains voltage	230 V~, 50 Hz

**China**

Adapter	BEHRINGER PSU MX3CC
Input	220 V~ 50 Hz; 80 mA
Output	2 x 18.5 V~, 2 x 150 mA

**Korea**

Adapter	BEHRINGER PSU MX3KR
Mains voltage	220 V~, 60 Hz

**Japan**

Adapter	BEHRINGER PSU MX3JP
Mains voltage	100 V~, 50/60 Hz

**Physical/Weight**

Dimensions (H x W x D)	1.9" / 1.5 x 7.4 x 8.7" 47 mm / 37 x 189 x 220 mm
Weight (net)	3.5 lbs / 1.6 kg

<sup>1</sup> Equivalent Input Noise.<sup>2</sup> Measuring conditions: 1 kHz rel. to 0 dBu; 20 Hz - 20 kHz; line input; main output; unity gain.<sup>3</sup> 20 Hz - 20 kHz; measured at main output. Channels 1 - 4 unity gain; EQ flat; all channels on main mix; channels 1/3 as far left as possible; channels 2/4 as far right as possible; reference = +6 dBu.

BEHRINGER is constantly striving to maintain the highest professional standards. As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or illustrated.

Technical specifications and appearance are subject to change without notice. The information contained herein is correct at the time of printing. All trademarks are the property of their respective owners. MUSIC Group accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph or statement contained herein. Colors and specifications may vary slightly from product. BEHRINGER products are sold through authorized dealers only. Distributors and dealers are not agents of MUSIC Group and have absolutely no authority to bind MUSIC Group by any express or implied undertaking or representation. This manual is copyrighted. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording of any kind, for any purpose, without the express written permission of MUSIC Group IP Ltd. ALL RIGHTS RESERVED. © 2011 MUSIC Group IP Ltd. Trident Chambers, Wickhams Cay, P.O. Box 146, Road Town, Tortola, British Virgin Islands