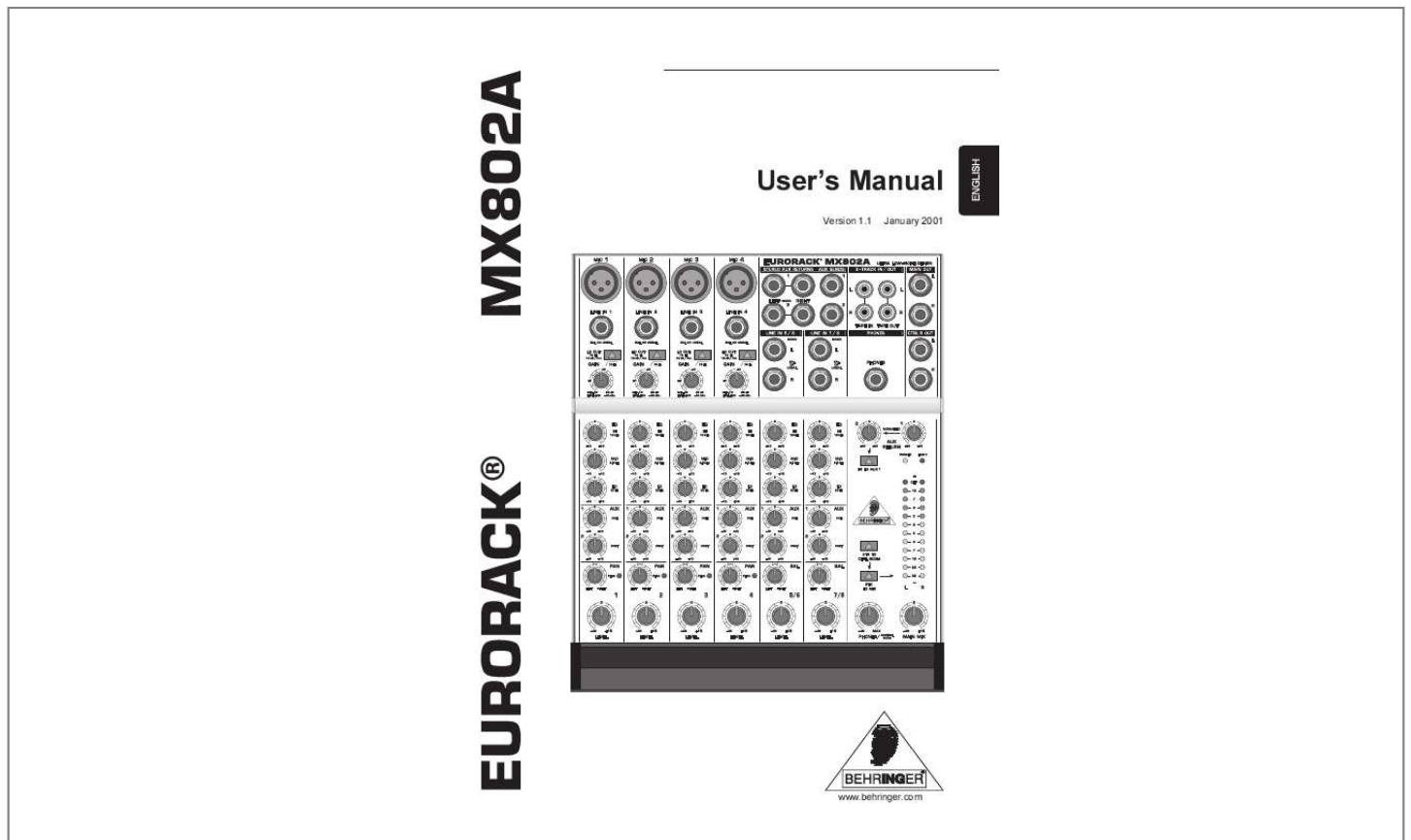




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for BEHRINGER EURORACK MX802A. You'll find the answers to all your questions on the BEHRINGER EURORACK MX802A in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual BEHRINGER EURORACK MX802A  
User guide BEHRINGER EURORACK MX802A  
Operating instructions BEHRINGER EURORACK MX802A  
Instructions for use BEHRINGER EURORACK MX802A  
Instruction manual BEHRINGER EURORACK MX802A



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**Manual abstract:**

1 January 2001 EURORACK® www.behringer.com ENGLISH EURORACK MX802A FOREWORD Dear Customer, Welcome to the team of EURORACK users and thank you very much for expressing your confidence in BEHRINGER products by purchasing this unit. It is one of my most pleasant tasks to write this letter to you, because it is the culmination of many months of hard work delivered by our engineering team to reach a very ambitious goal: To produce a compact mixer, which fully satisfies your and our expectations and delivers a superior sound quality, easy operation and technical specifications. In addition to that the mixer is affordable for almost every musician. The task to design the EURORACK MX1604A certainly meant a great deal of responsibility, which we assumed by focusing on you, the discerning user and musician. It also meant a lot of work and night shifts to accomplish this goal. But it was fun, too. Developing a product usually brings a lot of people together, and what a great feeling it is when everybody who participated in such a project can be proud of what weve achieved. It is our philosophy to share our joy with you, because you are the most important member of the BEHRINGER family. With your highly competent suggestions for new products youve greatly contributed to shaping our company and making it successful. In return, we guarantee you uncompromising quality (manufactured under the ISO9000 certified management system) as well as excellent technical and audio properties at an extremely favorable price. All of this will enable you to fully unfold your creativity without being hampered by budget constraints. We are often asked how we can make it to produce such high-grade devices at such unbelievably low prices. The answer is quite simple: its you, our customers! @@ Isnt it only fair to pass this benefit back to you? Because we know that your success is our success, too! @@@@My friends, its been worth the effort! @@INTRODUCTION.

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.... 1.2 Before you begin .....

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2 2.3 2.4 Input level setting .....

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*2 3.3 3.4 Input level setting ...*

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*.. Volume control and panning/balancing ...*

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*MAIN SECTION* .....

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*..... 10 Initializing channels for gain setting .*

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.... *10 Auditioning a signal and setting up a channel .*

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.... *11 Recording levels .....*

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*11 Modification.....*

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*APPENDIX* .....

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..... 13 7.1 Specifications ....

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..... 13 7. APPENDIX .....

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*14 7.1 Front & back views...*

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*. 14 7.2 Block diagram ...*

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*3 Specifications .....*

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..... 16 8. WARRANTY .

.. @@@@ Shipping claims must be made by the consignee. 2. @@Phantom powering is switchable from the back panel . @@@@These LEDs take their cue from post-EQ. @@There is no SOLO or PFL function on the MX802A. @@@@Aux send 1 is set pre-fader, while aux send 2 is post-fader. @@@@For cueing purposes, Aux Sends will usually be set pre-fader, i.e. independent of the channel fader. 2. @@Their level can be adjusted with and . Aux returns 1 is permanently assigned to the main mix. @@@@This enables you to provide a wet cue mix (signal with effect i. e. reverb) for the headphones or foldback speakers. @@Depressing FX TO AUX 1 will then feed the signal from aux return 1 into the cue feed (aux send 1) and can be controlled in level independently with aux return 2. This feature is primarily useful when you are using one effect for the main mix and for the foldback speakers. + + When using aux send 1 as a second (pre-fader) effects send and aux return 2 as the effect input, do not engage FX TO AUX 1 . The connection from aux return 2 to aux send 1 could cause feedback. Sometimes an engineer wants to narrow the stereo width of a reverb field. To do this you will have to come back on two mono channels to get independent panorama for the left and right signals. There are exceptions. For instance, when you want to send one effect into another, e.g. delay into chorus etc. 4.3 Metering Main mix level is displayed on a pair of accurate 12-segment bargraph peak meters indicate Power on and +48 V DC phantom power present . .

Two further LEDs The main mix bargraph meters should average around 0 dB during loud passages. If they read persistently higher, or are peaking above +10 dB (top segment of the display) reduce either the main mix volume and/or the channel volume, or (as a last resort) channel input gain or instrument / FXscribed below to each mono channel you want to be altered. The right PCB area is indicated by a yellow printing (see figures below). 1) 2) 3) Switch desk off and disconnect it from the mains supply! Cut the post track. Add in a pre link. Repeat for all mono channels you want to be modified. 6. CONNECTIONS 11 EURORACK MX802A Phantom power (+48 V DC) is provided. This can be switched on or off by the +48 V phantom switch + . Care should be taken NOT to plug mics into the console (or stagebox) while the phantom power is on.

Also, mute the monitor/PA speakers when turning phantom power on or off. Allow the system to adjust for a couple of seconds after engaging phantom power before setting input gains. If possible, connect the unit to other devices in a balanced configuration to allow for maximum interference immunity. Unbalanced use of mono 1/4" jack plugs Tip = Signal Balanced use of stereo 1/4" jack plugs Tip = hot (+ve) Ring = cold (-ve) Sleeve = Ground / Shield Sleeve = Ground / Shield Tip Sleeve Strain relief clamp Tip Ring Sleeve Strain relief clamp For connection of balanced and unbalanced plugs, ring and sleeve have to be bridged at the stereo plug. Balanced use with XLR connectors 2 1 3 1 = Ground / Shield 2 = hot (+ve) 3 = cold (-ve) 1 2 3 Output Input For unbalanced use pin 1 and pin 3 have to be bridged Fig.

6.3: Different plug types 6. CONNECTIONS 13 EURORACK MX802A 7.2 Block diagram 15 EURORACK MX802A 8. WARRANTY § 1 WARRANTY CARD/ONLINE REGISTRATION To be protected by the extended warranty, the buyer must complete and return the enclosed warranty card within 14 days of the date of purchase to BEHRINGER Spezielle Studiotechnik GmbH, in accordance with the conditions stipulated in § 3.

Failure to return the card in due time (date as per postmark) will void any extended warranty claims. Based on the conditions herein, the buyer may also choose to use the online registration option via the Internet (www.behringer.com or www.behringer.de). § 2 WARRANTY 1. BEHRINGER (BEHRINGER Spezielle Studiotechnik GmbH including all BEHRINGER subsidiaries listed on the enclosed page, except BEHRINGER Japan) warrants the mechanical and electronic components of this product to be free of defects in material and workmanship for a period of one (1) year from the original date of purchase, in accordance with the warranty regulations described below.

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*If the product shows any defects within the specified warranty period that are not due to normal wear and tear and/or improper handling by the user, BEHRINGER shall, at its sole discretion, either repair or replace the product. 2.*

*If the warranty claim proves to be justified, the product will be returned to the user freight prepaid. 3. Warranty claims other than those indicated above are expressly excluded. § 3 RETURN AUTHORIZATION NUMBER 1. To obtain warranty service, the buyer (or his authorized dealer) must call BEHRINGER (see enclosed list) during normal business hours BEFORE returning the product. All inquiries must be accompanied by a description of the problem. BEHRINGER will then issue a return authorization number. 2. Subsequently, the product must be returned in its original shipping carton, together with the return authorization number to the address indicated by BEHRINGER. 3.*

*Shipments without freight prepaid will not be accepted. § 4 WARRANTY REGULATIONS 1. Warranty services will be furnished only if the product is accompanied by a copy of the original retail dealers invoice. Any product deemed eligible for repair or replacement by BEHRINGER under the terms of this warranty will be repaired or replaced within 30 days of receipt of the product at BEHRINGER. 2.*

*If the product needs to be modified or adapted in order to comply with applicable technical or safety standards on a national or local level, in any country which is not the country for which the product was originally developed and manufactured, this modification/adaptation shall not be considered a defect in materials or workmanship. The warranty does not cover any such modification/adaptation, irrespective of whether it was carried out properly or not. Under the terms of this warranty, BEHRINGER shall not be held responsible for any cost resulting from such a modification/adaptation. 3. Free inspections and maintenance/repair work are expressly excluded from this warranty, in particular, if caused by improper handling of the product by the user.*

*This also applies to defects caused by normal wear and tear, in particular, of faders, potentiometers, keys/buttons and similar parts. 4. Damages/defects caused by the following conditions are not covered by this warranty: s misuse, neglect or failure to operate the unit in compliance with the instructions given in BEHRINGER user or service manuals. s connection or operation of the unit in any way that does not comply with the technical or safety regulations applicable in the country where the product is used. s damages/defects caused by force majeure or any other condition that is beyond the control of BEHRINGER. 5. Any repair or opening of the unit carried out by unauthorized personnel (user included) will void the warranty. 6. If an inspection of the product by BEHRINGER shows that the defect in question is not covered by the warranty, the inspection costs are payable by the customer. 7.*

*Products which do not meet the terms of this warranty will be repaired exclusively at the buyers expense. BEHRINGER will inform the buyer of any such circumstance. @@with a separate invoice for freight and packing. @@@@§ 6 CLAIM FOR DAMAGES Failure of BEHRINGER to provide proper warranty service shall not entitle the buyer to claim (consequential) damages. In no event shall the liability of BEHRINGER exceed the invoiced value of the product. § 7 OTHER WARRANTY RIGHTS AND NATIONAL LAW 1. This warranty does not exclude or limit the buyers statutory rights provided by national law, in particular, any such rights against the seller that arise from a legally effective purchase contract. 2. The warranty regulations mentioned herein are applicable unless they constitute an infringement of national warranty law. The information contained in this manual is subject to change without notice. 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 BEHRINGER Spezielle Studioteknik GmbH. BEHRINGER, EURORACK and EURODESK are registered trademarks. ALL RIGHTS RESERVED. © 2001 BEHRINGER Spezielle Studioteknik GmbH. BEHRINGER Spezielle Studioteknik GmbH, Hanns-Martin-Schleyer-Str.*

*36-38, 47877 Willich-Münchheide II, Germany Tel. +49 (0) 21 54 / 92 06-0, Fax +49 (0) 21 54 / 92 06-30 17.*



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