



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for M-AUDIO STUDIOPHILE BX8. You'll find the answers to all your questions on the M-AUDIO STUDIOPHILE BX8 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual M-AUDIO STUDIOPHILE BX8**  
**User guide M-AUDIO STUDIOPHILE BX8**  
**Operating instructions M-AUDIO STUDIOPHILE BX8**  
**Instructions for use M-AUDIO STUDIOPHILE BX8**  
**Instruction manual M-AUDIO STUDIOPHILE BX8**

**M-AUDIO** Studiophile BX8

version: BX8-050103

## Studiophile BX8

### Users Manual

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**Manual abstract:**

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. . .15 Introduction Thank you for choosing the BX8 Studiophile Series bi-amplified powered studio reference monitor speakers. M-Audio is well known for digital audio interface technology, digital converters, audio pre amps and mixers. Now, after long research and development, the Studiophile BX8 is born to change the concept of studio reference monitoring. The BX8 was designed and tested by veteran audio engineers to meet your needs in a studio monitoring environment. It is focused on the functional goal of delivering pure original sound without any additional coloration. The BX8 monitor is self-powered, directly accepting a line level signal from a variety of sources. The Studiophile BX8 is designed to overcome all the limitations of conventional studio reference monitors within the digital audio environment.

This system delivers a wide range of frequency response by employing two extraordinary drivers and unique crossover technology licensed by M-Audio. It boasts a stable and balanced low-mid frequency response along with a defined mid- and highfrequency response as well. Both drivers are magnetically shielded for desktop music production. For pro engineers at commercial studios to home studio owners, the Studiophile BX8 sets a new affordable standard in studio monitoring. What's in the Box? Your Studiophile BX8 box contains: . . . Two BX8 speakers Two detachable AC power cords This manual Actual test data of the BX8 you purchased Studiophile BX8 Features 1.

@@It is designed to deliver balanced mid- and low- frequency response. @@@@3. Sub-Frequency Port The hole in the rear panel is called a Sub-Frequency Port and is designed to discharge extreme low frequencies under 30 Hz. 4. EQ and Acoustic Space Controls Back panel controls on the BX8's give you compensation for room EQs as well as compensation for the positioning of the speakers within your room.

High frequency cuts, mid-range boost, and low frequency cutoffs offer a great deal of control over the sound and presence of the BX8s, while the "Acoustic Space" settings account for a variety of speaker placements. 5. Enclosure The enclosure has an important role just as the other components. The BX8's enclosure is designed to endure impact from inside under extreme conditions. It employs special high-density MDF and unique interior reinforcement to provide more stable performance. 6. Network & Power Amplifiers The network & power amplifiers for the BX8 are specially designed for this woofer and tweeter. The network properly distributes low, mid, and high frequencies to the components in order to reduce distortion and loss of sound, thus achieving a naturally balanced sound. In order to generate ultra crisp, powerful sound quality, there are two separate power amplifiers inside the BX8 to drive the woofer and tweeter separately in a high-end bi-amp structure. The power delivered to the woofer driver at a rated distortion is 65W, and 65W is also delivered to the tweeter.

3 Front and Rear Panel Features Rear Panel 1. XLR INPUT: This jack accepts XLR input connections with either balanced or unbalanced wiring. The signal of the XLR INPUT is summed together with the TRS INPUT through a balanced input amplifier, allowing both inputs to be used simultaneously. Input specifications apply to both inputs. The input wiring of an XLR connector should be as follows: XLR PIN 1 XLR PIN 2 XLR PIN 3 Signal ground (Shield) Signal positive (+) Signal negative (-) 2. TRS INPUT: This jack accepts a TRS connector, either balanced or unbalanced wiring. For balanced wiring, a three-

conductor TRS plug is necessary. The input wiring of a TRS connector should be as follows: TRS TIP TRS RING TRS SLEEVE Signal positive (+) Signal negative (-) Signal ground (Shield) 4 Unbalanced wiring works with either a two- or three-conductor TRS connector. A two-conductor TRS plug automatically grounds the minus signal input, whereas a three-conductor TRS plug wired unbalanced provides the option of leaving the minus open or grounded. We recommend that you ground the unused input.

The TRS input is summed together with an XLR input through a balanced input amplifier, allowing both inputs to be used simultaneously. Input specifications apply to both inputs. 3. PRODUCT LABEL: This label contains the model and serial number information. 4.

@@5. @@6. @@Other settings are 47Hz and 80Hz. 7. @@8.

HIGH FREQ: Three settings are possible, 0dB, -2dB, and -4dB. @@9. @@@@10. @@@11. @@@12. FUSE HOLDER: Holds the external main fuse. 13. @@Precautions Handling: Please do not grab the speaker cones. @@@@ Use the 80Hz setting to emulate a small speaker setup, the 47 Hz setting for Normal Low Frequency performance, or the 37 Hz for Normal Extended Low Frequency performance. 8 Mid-Range : This 2 position switch selects between "Flat" and "Presence."

" Flat is for normal monitoring conditions. Presence will move the sound stage toward your listening position. High-Freq : This 3-position switch selects High Frequency compensation with 0dB, -2dB or 4dB. 0dB (Normal position) is flat response for use in most applications. Use -2dB and 4dB if your mixes translate as dull, or lacking in high frequencies. 9 Setting the Acoustic Space Switch The Acoustic Space switch is a 3-position switch used to select the "Acoustic Space" in which the speaker is placed--Half Space (speakers against wall, 0dB position), Three-Quarter Space (speakers in corners or close to wall, -2dB position), or Full Space (speakers away from wall, -4dB position.) The benefits of using this switch are explained in the following paragraphs. The bass response of any loudspeaker will differ depending on its placement. If the speaker is placed close to a wall, the bass will sound louder than when it is placed on a speaker stand. The technical term for this phenomenon is called Diffraction Spreading and can be explained as follows.



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--Below a certain frequency, the sound emitted from a speaker begins to change its polar radiation pattern, from 180 degrees, to 360 degrees. With the speaker placed close to a wall, its' energy can be physically radiated only forward, thereby limiting the radiation polar pattern to 180 degrees. When the speaker is placed on a stand, the low-frequency energy is free to radiate in 360 degrees. While there is a theoretical difference of about 6dB in low-frequency response between these two placements, the loss (from l Park Mark Rd. Hemel Hempstead, Herts HP2 7BJ England Sales Information: 44 (0)144 241 6590

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Your BX8 Warranty M-AUDIO warrants that this product is free of defects in materials and workmanship under normal use for a period of One (1) year from purchase date, so long as the product is: owned by the original purchaser; the original purchaser has proof of purchase from an authorized M-AUDIO dealer; and the purchaser has registered his/her ownership of the product by sending in the completed warranty card. This warranty explicitly excludes any included external non-integrated power supplies and cables which may become defective as a result of normal wear and tear. In the event that M-AUDIO receives written notice of defects in materials or workmanship from such an original purchaser, M-AUDIO will either replace the product, repair the product, or refund the purchase price at its option. In the event any repair is required, shipment to and from M-AUDIO and a nominal handling charge shall be born by the purchaser.

In the event that repair is required, a Return Authorization number must be obtained from M-AUDIO. After this number is obtained, the unit should be shipped back to M-AUDIO in a protective package with a description of the problem and the Return Authorization clearly written on the package. @@@@M-AUDIO specifically disclaims all other warranties, expressed or implied. Specifically, M-AUDIO makes no warranty that the product is fit for any particular purpose. This warranty shall be construed, interpreted, and governed by the laws of the state of California.

If any provision of this warranty is found void, invalid or unenforceable, it will not affect the validity of the balance of the warranty, which shall remain valid and enforceable according to its terms. In the event any remedy hereunder is determined to have failed of its essential purpose, all limitations of liability and exclusion of damages set forth herein shall remain in full force and effect. 15 .



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