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You can read the recommendations in the user guide, the technical guide or the installation guide for M-AUDIO STUDIOPHILE BX5A DELUXE. You'll find the answers to all your questions on the M-AUDIO STUDIOPHILE BX5A DELUXE 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 BX5A DELUXE
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M-AUDIO
Studiophile™
BX5a Deluxe

English
User Guide



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Manual abstract:

M-Audio is well known for digital audio interface technology, digital converters, audio preamps and mixers. Now, after extensive research and development, M-Audio is proud to present the Studiophile BX5a Deluxe. The BX5a Deluxe 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 BX5a Deluxe monitor is self-powered, directly accepting a line-level signal from a variety of sources. The Studiophile BX5a Deluxe is designed to overcome all the limitations of conventional studio reference monitors within the digital audio environment. This system delivers a wide-range 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 high-frequency response as well. Both drivers are magnetically shielded for desktop music production. For pro engineers at commercial studios to home studio owners, the Studiophile BX5a Deluxe sets a new affordable standard in studio monitoring.

What's in the Box? Your Studiophile BX5a Deluxe box contains: Two BX5a Deluxe speakers Two detachable AC power cords This manual Studiophile BX5a Deluxe Features 1. @@It is designed to deliver balanced mid and low-frequency response. @@@@Tweeter By employing a specially developed 1-inch silk dome with magnetic shielding, the tweeter can deliver distortion-free original sound and offer an extremely natural response. Its design minimizes reaction time by using a specially shaped silk dome for excellent delivery, and also minimizes resonance by adapting a unique internal damping technology. 3.

Sub-Frequency Port The air vent hole in the rear panel is called a Sub-Frequency Vent Port and is designed to allow the discharge of extremely low frequencies occurring below 60Hz. 1 4. Enclosure Like the other components, the BX5a's enclosure has an important role in shaping the overall sonic response. In order to provide more stable performance, the BX5a's enclosure employs a special high acoustic efficiency MDF and unique interior reinforcement designed to absorb vibration and impact generated under extreme conditions. The custom design on the front panel will aid in diffraction and will benefit stereo imaging.

5. Network and Power Amplifiers The active crossover network and power amplifiers for the BX5a Deluxe are specially designed for its woofer and tweeter. The network properly distributes low, mid, and high frequencies to the driver components in order to reduce distortion and loss of sound, thus achieving a naturally balanced sound. In order to generate powerful, ultra-crisp sound, there are two separate power amplifiers inside the BX5a Deluxe for driving the woofer and tweeter separately in a high-end bi-amp structure. The power delivered to the woofer driver at a low-rated distortion is 40W, and 30W is also delivered to the tweeter. Front and Rear Panel Features Rear Panel Features 1. XLR INPUT: This jack accepts XLR input connections with either balanced or unbalanced wiring. The input wiring of an XLR connector should be as follows: <XLR PIN 1 . . .

. signal ground (shield) <XLR PIN 2
. . . signal positive (+) <XLR PIN 3 . . .

.
. signal negative (-) 2. @@For balanced wiring, a three-conductor TRS plug is necessary. @@.

. . signal positive (+) <TRS RING
signal negative (-) <TRS SLEEVE

. @@@@Input specifications apply to both. 3. @@4. @@5.

@@6. @@7. FUSE HOLDER: Holds the external main fuse. 8. @@@@9. @@@@@@@@@@@@@WARNING! @@@@We recommend that you use high-quality balanced or unbalanced cables for input connections. Also, ALWAYS turn off the power of the BX5a and turn the volume of the BX5a Deluxe down to a minimum before making the necessary connections. XLR Balanced Connection Assure that the power switch of the BX5a is turned off and that the volume control of the BX5a is turned down to a minimum. Connect the male end of an XLR balanced cable to the balanced input of the BX5a (refer to the following diagram for balanced connection). TRS Balanced/Unbalanced Connection Assure that the power switch of the BX5a is turned to off and that the volume control of the BX5a is turned down to a minimum.

Connect the male end of a TRS balanced or TS unbalanced cable to the TRS input of the BX5a Deluxe (refer to the following diagram for TRS connection). 4 Studiophile BX5a Deluxe English 5 Connecting to Preamp or Computer Outputs Before connecting, make sure the output device's power has been turned off. Plug the XLR balanced, TRS balanced or TS unbalanced cable to the corresponding output connectors of a pre-amplifier, computer or game console. Placing the BX5a Deluxe Placing the speakers is one of the most important procedures in order to monitor sound accurately. To monitor with the BX5a's performing to their maximum capability, an appropriate listening environment and correct placement are required. Please refer to the following for correct BX5a placement. 1. The two units and the listener should basically align to form a regular triangle. Refer to the following diagram. 2.

Position the monitors so that the top of the woofers are level with your ears in a normal listening environment. Refer to the following diagram. 3. Place the BX5a's vertically with the woofer on the bottom. Placing the BX5a's horizontally is not recommended.

Remarks: DO NOT place any obstacles that may block the flow of air in front or between the monitors. Also remove reflective materials such as glass, mirrors or metal from the monitoring environment. @@@@Magnetically shielded. @@power on/off indicator on rear panel factory programmed for either 115V ~50/60Hz, 230V~50/60Hz or 100V~50/60Hz vinyl-laminated high acoustic efficiency MDF 250 mm (H) x 176 mm (W) x 200 mm (D) 5.0 kg/unit (without packing) * Above specifications subject to change without notice WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, and birth defects or other reproductive harm.

Wash hands after handling. Studiophile BX5a Deluxe Tested to comply with FCC standards FOR HOME OR STUDIO USE © 2007 Avid Technology, Inc. All rights reserved. Product features, specifications, system requirements and availability are subject to change without notice. Avid, M-Audio and Studiophile BX5a Deluxe are either trademarks or registered trademarks of Avid Technology, Inc. All other trademarks contained herein are the property of their respective owners 6 M-Audio USA Technical Support 5795 Martin Rd., Irwindale, CA 91706 M-Audio Germany Technical Support Kuhallmand 34, D-74613 Ohringen, Germany web

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