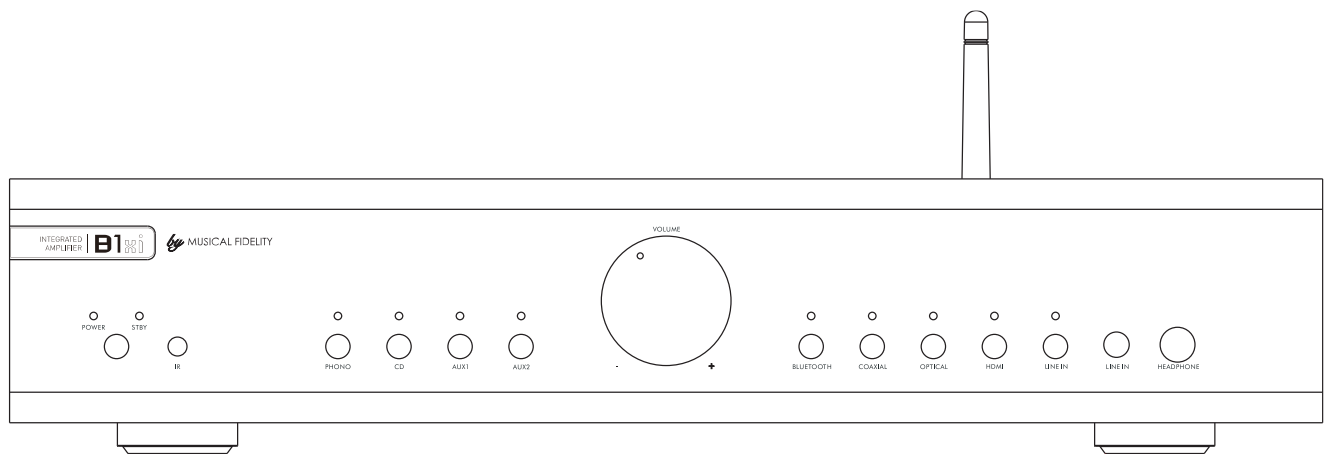


INTEGRATED  
AMPLIFIER

| **B1**xi



## Instructions for use

| <b>Section</b>                    |                                                                                                                                | <b>Page</b> |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Safety Information</b>         | – Mains plug (UK only), modification warning                                                                                   | 3           |
| <b>General advice</b>             | – Installation precautions                                                                                                     | 4           |
| <b>Installation</b>               | – Introduction, cleaning, installation, power connections, audio connections                                                   | 5           |
| <b>Facilities and connections</b> | – Illustrations, main unit front & rear panels                                                                                 | 6           |
| <b>Remote control handset</b>     | – Operation and illustration                                                                                                   | 7           |
| <b>Operation</b>                  | – Starting<br>– Volume<br>– Mute<br>– CD<br>– USB<br>– PHONO<br>– AUX1/AUX2<br>– COAXIAL<br>– OPTICAL<br>– HDMI<br>– BLUETOOTH | 8           |
| <b>Problems?</b>                  | – Basic fault finding                                                                                                          | 9           |
| <b>Specifications</b>             | – Product specifications                                                                                                       | 10          |
| <b>Declaration of Conformity</b>  | – FCC, CE                                                                                                                      | 11          |
| <b>Manual history</b>             |                                                                                                                                | 12          |
| <b>Item disposal information</b>  |                                                                                                                                |             |

**IMPORTANT! (U.K. only)**

This unit is supplied in the U.K. with mains lead fitted with a moulded 13 amp plug. If, for any reason, it is necessary to remove the plug, please remove the fuse holder and dispose of the plug safely, out of reach of children.

**It must not be plugged into a mains outlet.**

The wires in the mains lead supplied with this appliance are coloured in accordance with the following code:

**Green and yellow .....Earth**  
**Blue..... Neutral**  
**Brown .....Live**

**WARNING – This appliance MUST be earthed**

As the colours of the wires of the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in the plug, proceed as follows:

- The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked with the letter E or coloured green or green-and-yellow, or by the earth symbol: 
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
- If connecting to a BS1363 plug, a 13 amp fuse must be used.

**WARNING:**

**ANY MODIFICATIONS TO THIS PRODUCT NOT EXPRESSLY APPROVED  
BY MUSICAL FIDELITY WHO IS THE PARTY RESPONSIBLE FOR  
STANDARDS COMPLIANCE COULD VOID THE USER'S AUTHORITY TO  
OPERATE THIS EQUIPMENT.**

## Installation, Precautions & User Information

This new B1xi is designed and built to provide trouble-free performance, but as with all electronic devices it is necessary to observe a few precautions:

- Heed all warnings shown on the back of the product.
- Only connect the B1xi to a mains outlet having the same voltage as marked at the back of the unit.
- Always ensure that when disconnecting and reconnecting your audio equipment the mains supply is switched off.
- Position the mains lead and signal interconnects where they are not likely to be walked on or trapped by items placed on them.
- Do not use near water, or place water-filled containers on the B1xi, for example, a flower vase or potted plants. **If water does spill inside, immediately pull out the mains plug from the wall socket and inform your dealer, who should then check the unit before further use. Entry of liquid into the B1xi is dangerous, and may cause electric shock or fire hazard.**
- Do not place the unit near direct heat sources such as radiators, direct sunlight or other equipment.
- Do not remove any covers or try to gain access to the inside. There are no internal adjustments or fuses you can replace yourself. Refer all service work to an authorised Musical Fidelity agent.  
**\* Note: Unauthorised opening of the equipment will invalidate any warranty claim.**
- Dust regularly with a soft cloth or soft brush but be careful when using cleaning or polishing agents - they may harm the surface finish.

The electronics in modern hi-fi equipment is complex and may, therefore, be adversely affected or damaged by lightning. For protection of the audio system during electrical storms, remove the mains plugs.

If after-sales service is required, to help the dealer identify the B1xi please quote the serial number located on the rear panel of the unit.

## Introduction

Congratulations on the purchase of the new B1xi integrated amplifier. Great attention has been paid to internal layout, isolating each circuit section to prevent possible interaction. The unit features a finely tuned and tweaked preamplifier, for smooth sound coupled with low noise and virtually no distortion.

## Cleaning

Before cleaning the unit, switch off power at the mains switch and remove the mains plug from the wall socket. Clean the cabinet and remote control unit using a moist cloth. Using solvents, white spirit or thinners is not advised, as they could damage the surface finish.

## Installation

Position the B1xi on a stable, horizontal surface where there is no risk of it being knocked, or subjected to vibration such as from loudspeakers.

### Important note:

**In normal operation, the unit dissipates a small quantity of power at all times, and it is important that it is adequately ventilated. It is therefore not recommended that the unit is enclosed in a cabinet or placed where the ventilation is impeded as this could result in excessive heat build-up.**

**The B1xi must be protected from humidity – if the unit is moved from a cold place to a warm room, leave the unit for an hour or so to allow sufficient time for the moisture to evaporate.**

## Power Connection

The B1xi is supplied with a standard IEC mains cable which plugs into the IEC socket at the back of the unit (see page 6). When plugged in and mains supply is present the STDBY LED will light.

## Audio Connections

**RCA Inputs:** Connect all RCA single-ended sources to relevant analogue inputs (see page 6 for more information). Use good quality fully connected (signal and ground) coaxial phono cables for all RCA signal connections. Take particular care with PHONO input leads, ensure that they are very well shielded and kept away from mains and speaker leads.

**Line Input:** For ease of access a 3.5mm line input is located on the front panel. Use good quality 3.5mm line cables to connect line sources like phones or tablets, cassette decks or CD players.

### Phono/turntable earth connection

 The earthing post should only be connected when excessive hum is experienced. Connect the turntable earthing lead to this post if hum is noticed. If hum worsens when the earth post is thus connected, then disconnect immediately and investigate the cause elsewhere.

**Note: some systems may have more than one direct earth point(s) already involved. This could cause hum problems that may only become apparent on connecting this product. Thus the B1xi may not be the root cause of hum detected in a system, even if it is the only device that appears to be making the hum apparent.**

There is no harm done if *no* connection is made to this terminal, as it is not always needed anyway, for example, some turntables have their own earthing arrangement.

**COAXIAL input:** Connect RCA digital source to digital input RCA socket. Use a good quality fully connected (signal and ground) coaxial digital cable, for optimum signal transfer.

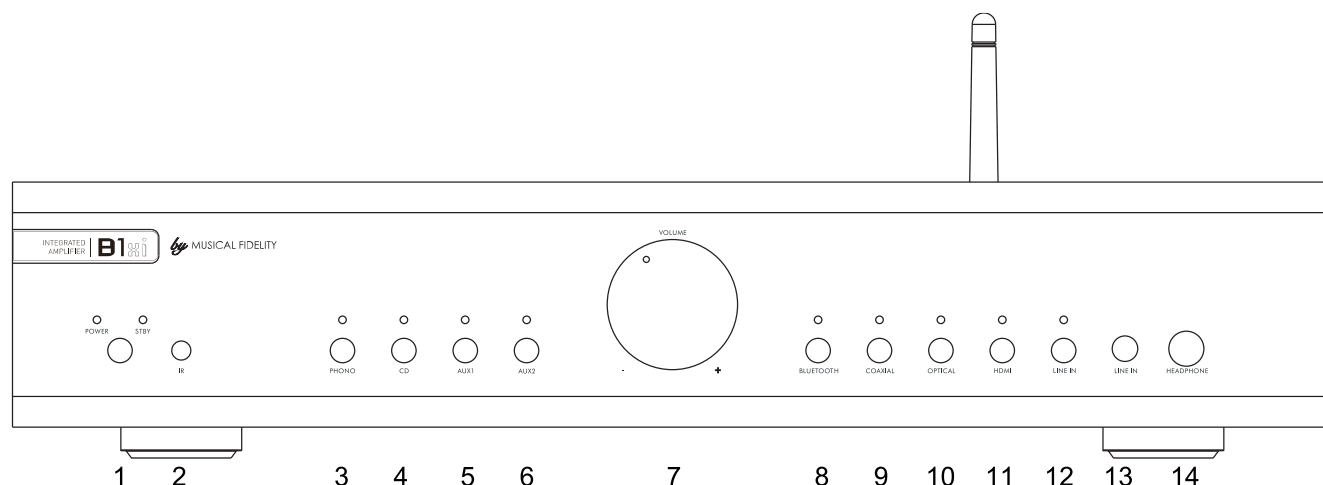
**OPTICAL input:** Connect optical digital source to optical input socket. Use a good quality “Toslink” cable, for optimum signal transfer.

**HDMI input:** Connect a TV. Use a good quality HDMI cable for optimum signal transfer.

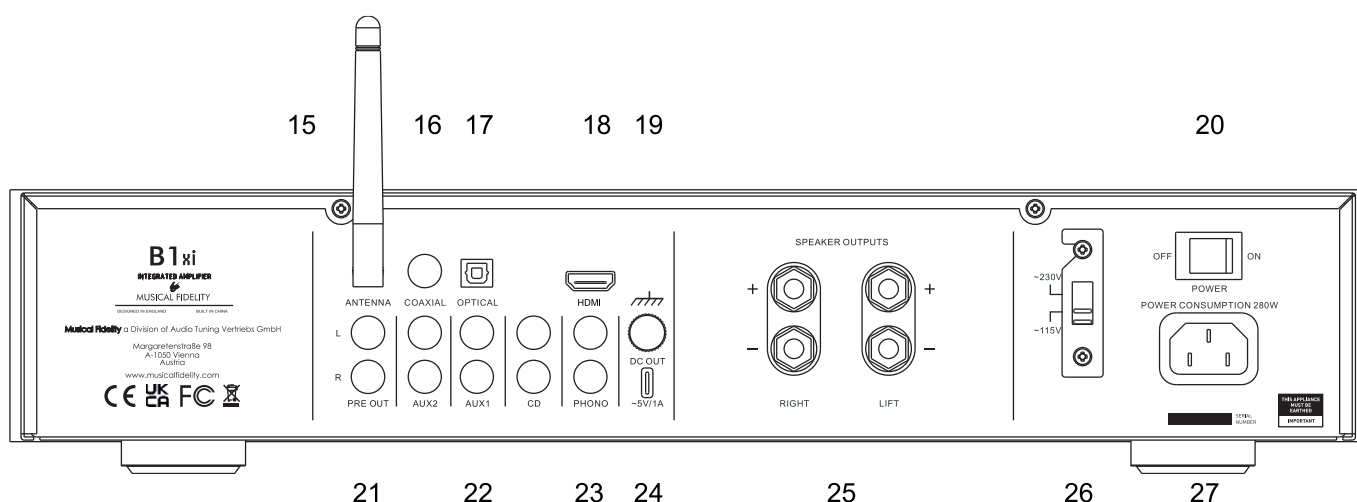
**USB C power output:** The B1xi can power many modern streamers and DACs with 5V USB power input. Connect a USB “C” cable between the USB C 5V/1A DC power output and the power input of source devices with 5V USB power input devices.

**Speaker Outputs:** Connect loudspeakers to the terminals on the back panel marked as **LEFT** and **RIGHT SPEAKER** outputs.

The **PRE OUT** output allows analogue signals controlled by the volume, to pass on to, for example, an external power amplifier. This is useful for bi-amping or active “subwoofer” connection where volume out needs to be controlled by the B1xi front panel volume knob.



- |                                              |                                                  |
|----------------------------------------------|--------------------------------------------------|
| 1 <b>POWER/STANDBY</b> Button                | 8 <b>BLUETOOTH</b> input selector button and LED |
| 2 <b>IR RECEIVER</b> lens                    | 9 <b>COAXIAL</b> input selector button and LED   |
| 3 <b>PHONO</b> input selector button and LED | 10 <b>OPTICAL</b> input selector button and LED  |
| 4 <b>CD</b> input selector button and LED    | 11 <b>HDMI</b> input selector button and LED     |
| 5 <b>AUX1</b> input selector button and LED  | 12 <b>LINE IN</b> input selector button and LED  |
| 6 <b>AUX2</b> input selector button and LED  | 13 <b>LINE IN</b> input 3,5mm jack               |
| 7 <b>VOLUME</b> control                      | 14 <b>HEADPHONE</b> output 6,3mm jack            |



- |                                                          |                                                          |
|----------------------------------------------------------|----------------------------------------------------------|
| 15 <b>BLUETOOTH ANTENNA</b>                              | 22 <b>AUX1, AUX2, CD</b> line level input RCA sockets    |
| 16 <b>COAXIAL</b> digital input                          | 23 <b>PHONO MM</b> turntable cartridge input RCA sockets |
| 17 <b>OPTICAL</b> digital input                          | 24 <b>DC 5V/1A</b> USB C power output                    |
| 18 <b>HDMI</b> digital TV input                          | 25 <b>LOUDSPEAKER OUTPUTS</b> right and left             |
| 19 <b>GROUND POST</b> for turntable grounding            | 26 <b>115V/230V</b> power input selector                 |
| 20 <b>ON/OFF</b> power switch                            | 27 <b>IEC MAINS INPUT</b>                                |
| 21 <b>PRE OUT</b> (volume controlled) output RCA sockets |                                                          |