
MUSICAL FIDELITY

X-Power

Line Power Conditioner

Manual



X-Power Line Power Conditioner



Warning of a hazard for the user, the unit or possible misuse.



Important notice.

The X-Power is a single inlet, single outlet power conditioner in the classic Musical Fidelity X-profile. It contains three main blocks:

- 1) **Surge & overvoltage protector**
- 2) **EMI/RFI filter**
- 3) **DC blocker**

It is an absolute rarity to find a power conditioner with all of those three elements in today's market, especially at this price point. The revival of Musical Fidelity's X-line with the introduction of the X-Power aims to change that.

Safety instructions

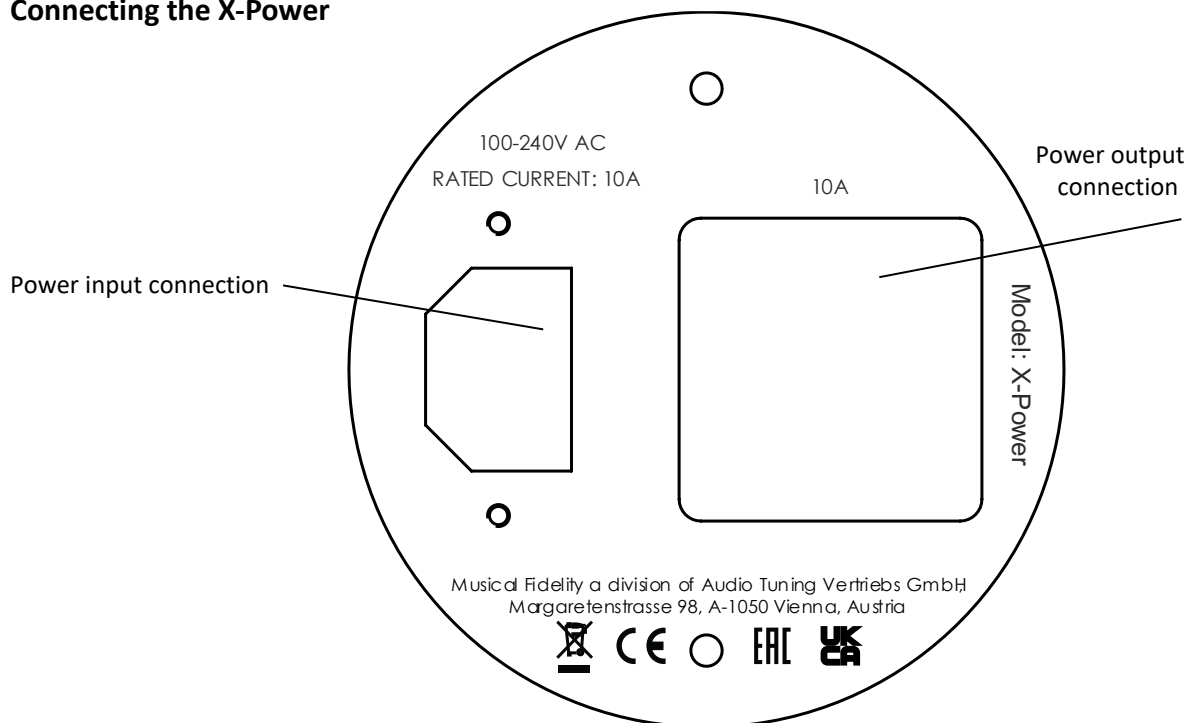
AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the device.

Never handle the device while your hands are wet or damp.



Avoid letting liquids enter the device. Never place any item containing liquid, such as a flower vase on or near the device. Never spill any liquid on the device. Never place any naked flame sources, such as lighted candles on or near the device. The product shall not be used in damp or wet locations, next to a bathtub, sink, swimming pool or any other similar conditions.

Connecting the X-Power



Connect the **Power input connection** to the unit and to the mains. The power input cable is included with the X-Power.

Connect your source devices (preamplifier, CD-players, DACs, streamers, etc...) or amplifier to the **Power output connection**. Power output cables are not included with the X-Power.

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Sources

The X-Power can be used to supply clean power to sources like CD players, phono preamps, regular preamps, DACs, streamers and many more.



Multiple Sources

Due to its 10A power rating, when used with a high quality (unfiltered) power strip, the X-Power can supply clean power to multiple source.

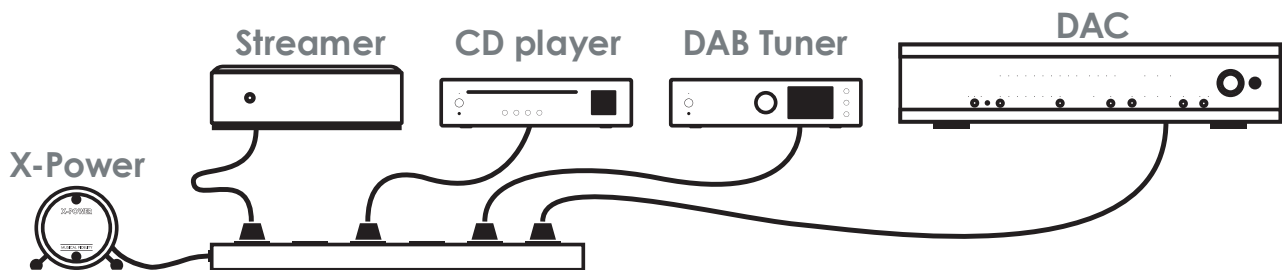
How many multiple sources can I connect?



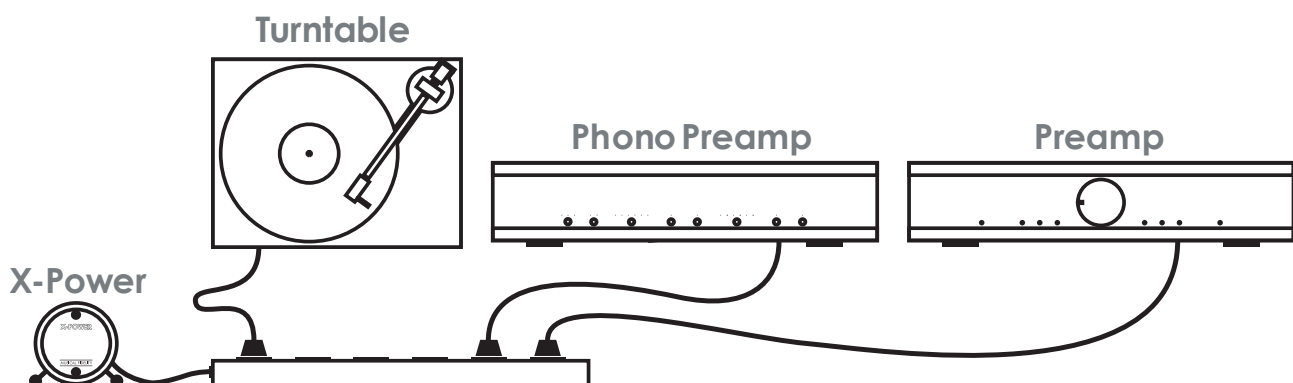
Rated at **10A** when used with **230V** the maximum power throughput is **2300W** (**1100W** when used in **110V** regions). As a general rule of thumb, one source consumes between **20 - 40W**. You can comfortably connect **6 and even more sources** at the same time.

Note: we recommend to not mix digital with analogue source devices.

Multiple digital sources: we highly recommend to not mix analogue and digital devices. Below setup consists of a streamer, tuner, CD player and DAC. (below shown power strip is not included with the X-Power)



Multiple analogue sources: analogue devices like turntables and phono preamps or preamps (devices that operate with and amplify low voltage signals) should always be kept separate from digital devices. Below example setup consists of turntable, phono preamp and regular preamp. (below shown power strip is not included with the X-Power)



Amplifiers

The X-Power can be used with integrated and power amps alike. We recommend to connect only one amplifier per X-Power.



Is the X-Power “powerful” enough for my amp?

General formula for 230V (adjust accordingly for 110V):

(channels x amp power @ 8 Ohm) x efficiency headroom < 2300W

Class AB: Calculating a headroom of 50% for the lesser efficiency of Class AB and to account for proper peak power delivery, we can safely say that the X-Power handles stereo amps around 700W and even more.



(2 x 700W) x 1,5 headroom < 2300W

The power consumption of Class AB is proportional to the listening level, so in typical listening scenarios, Class AB amps draw much less power than in the above calculation.

Class A: Class A draws the same amount of power at full or minimum volume level. Calculating a headroom of 100%, the X-Power handles Class A stereo amps up to **2 x 550W**.

Tube Amps: standard tube amps have an efficiency of 20%. The X-Power is able to handle tube amps up to **2 x 200W**.

Technical specifications

Input voltage	AC 100/240V 50/60Hz
Input Connector	IEC C14 10A socket
Output	Schuko socket (also available with US, UK or AUS socket)
Power output	max. rated 10A
RFI attenuation	> 60dB @ 100kHz, > 80dB @ up 1MHz
DC blocker	up to 2V
Dimensions W x H x D	108 x 105 x 274 mm
Weight	2,29 kg net / 2,58 kg in shipping box

Service

Should you encounter a problem which you are not able to alleviate or identify, please contact your dealer for further advice. Only if the problem cannot be resolved there, the unit should be sent to the responsible distributor in your country.

Warranty

The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or changes to any part of the product by unauthorized persons release the manufacturer from any liability over and above the lawful rights of the customer.



Should a problem be encountered which cannot be identified or resolved, please contact point of purchase/dealer for further advice. Only if the problem cannot be resolved there, the unit should be sent to the responsible distributor in your country. Warranty is valid in country of purchase and for original purchaser only and is not internationally nor personally transferable.

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The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.

Declaration of Conformity

Musical Fidelity a division of Audio Tuning GmbH

Margaretenstrasse 98

1050 Vienna,

Austria

declare under our responsibility that the product is in conformity with the provisions of Directives:

2014/35/EU including amendments

2014/30/EU including amendments

STN EN 62368-1:2015 - Safety

STN EN 55035:2018 - Electromagnetic compatibility of multimedia equipment - Immunity requirements

STN EN 55032:2015 - Electromagnetic compatibility of multimedia equipment – Emission requirements

MUSICAL FIDELITY

a Division of Audio Tuning Vertriebs GmbH

Margaretenstrasse 98

A-1050 Vienna

AUSTRIA

+43 1 544 858 0400

<http://www.musicalfidelity.com>

Musical Fidelity reserves the right to make improvements which may result in specification or feature changes without notice. E+OE.



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DISPOSAL

The crossed out wheeled bin label that appears on the back panel of the product indicates that the product must not be disposed of as normal household waste. To prevent possible harm to the environment please separate the product from other waste to ensure that it can be recycled in an environmentally safe manner. Please contact local government office or retailer for available collection facilities.



DISPOSITION

La poubelle sur roulettes barrées X, qui apparaît en logo sur le panneau arrière du produit, indique que celui-ci ne doit pas être traité comme un déchet domestique commun. Afin de protéger l'environnement, ce produit électronique devra être géré séparément et donc recyclé selon les nouvelles normes Européennes Rohs concernant les déchets d'appareils électroniques. Prière de contacter les services concernés gouvernementaux ou votre point de vente pour l'élimination et l'enlèvement de déchets électroniques équipés de composants électroniques.



DISPOSAL

La etiqueta cruzada hacia fuera del compartimiento que aparece en el panel trasero del producto indica que el producto no se debe reciclar como basura normal de la casa. Para prevenir daños posible al ambiente separe por favor el producto de otras basura para asegurarse de que puede ser reciclada de una manera ambientalmente segura. Entre en contacto por favor a su oficina gubernamental local o a su minorista para las instalaciones disponibles de la colección.



RIFIUTI

L'etichetta del cassonetto barrato riportato sul retro dell'apparecchio indica che il prodotto non deve essere smaltito tramite la procedura normale di smaltimento dei rifiuti domestici. Per evitare eventuali danni all'ambiente, separare questo prodotto da altri rifiuti domestici in modo che possa venire riciclato in base alle procedure di rispetto ambientale. Per maggiori dettagli sulle aree di raccolta disponibili, contattate l'ufficio govenativo locale od il rivenditore del prodotto.



FACHGERECHTE ENTSORGUNG:

Das auf der Geräterückseite angebrachte Label deutet darauf hin, dass das Produkt nicht mit konventionellem Hauskehricht entsorgt werden darf. Um Schäden und Verschmutzungen an Umwelt und Mensch zu vermeiden, muss das Produkt fachgerecht entsorgt und von anderem Abfall getrennt werden. Wenden Sie sich bei Fragen hierzu an Ihren Fachhändler oder an eine öffentliche Informationsstelle.



AFVAL

Het label op de achterzijde van dit apparaat, een afvalbak op wielen met een kruis doorgehaald, geeft aan dat dit apparaat niet samen met gewoon huishoudafval mag worden weggegooid. Om mogelijke schade aan onze leefomgeving te voorkomen dient dit apparaat, gescheiden van gewoon huishoudelijk afval, te worden afgevoerd zodat het op een milieuvriendelijke manier kan worden gerecycled. Neem voor beschikbare inzamelplaatsen contact op met uw gemeentelijke reinigingsdienst of met uw elektronica leverancier.



HÄVITTÄMINEN

Yliuksattua jättestä kuvaava tarra tuotteen takalevyssä kertoo, että tuotetta ei saa käsitellä normaalina talousjätteenä. Ympäristön suojelemiseksi on tuote pidettävä erillään muusta jätteestä ja se on kierrätettävä ekologisesti kestäväällä tavalla. Ota yhteyttä laitteen myyjään tai Pirkanmaan Ympäristökeskukseen lähimmän kierrätyskeskuksen löytämiseksi.



AFSKAFNING

Logoet med en skraldespand med kryds over på bagsiden af apparatet indikerer at dette produkt ikke må kasseres som normal husholdningsaffald. For at forebygge mulig skade på miljøet, bedes De separere dette produkt fra andet affald, og sikre at det bliver genbrugt på en miljørigtig måde. Kontakt venligst de lokale myndigheder eller din forhandler for oplysning om nærmeste tilgængelige opsamlingssted for elektronikaffald.



ΔΙΑΔΙΚΑΣΙΑ ΑΠΟΡΡΙΨΗΣ

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