



B-SOCIAL

USER MANUAL





B-SOCIAL - USER MANUAL



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THANK YOU

Thank you for purchasing your Ashdown Engineering Amplifier and welcome to the family! We really think you've made the right choice and know that this amplifier will give you years of great tone and service. It is a machine though and needs to be looked after, please read through this user manual which will help you get the most out of your new Amp and keep it running as long as some of our happiest and very famous customers.

REGISTER ONLINE

Please register this product online so we can make sure we give you years of customer support through our friendly in-house service centre.

Here is where you need to visit to register your product:
<http://www.ashdownmusic.com/register>



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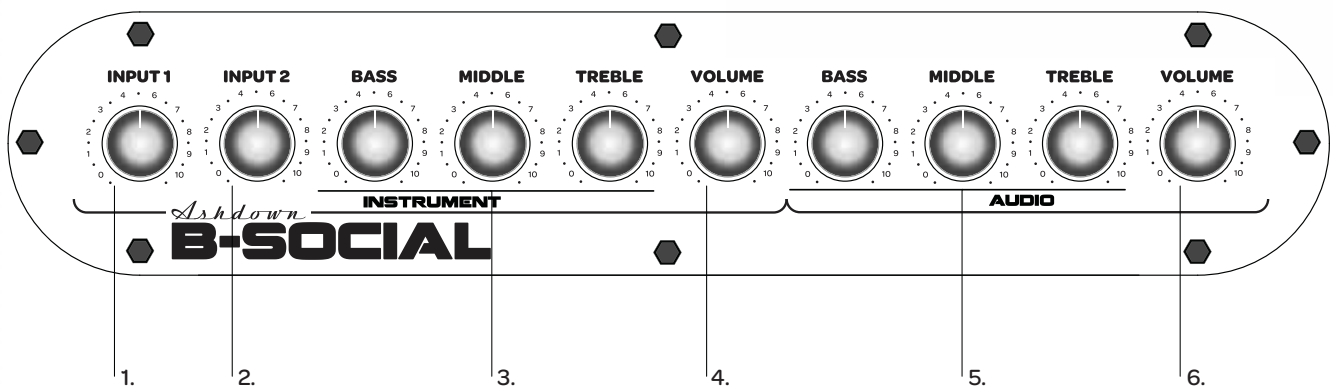
B-SOCIAL L - USER MANUAL



B-SOCIAL L - INTRO

Straight out of the box the B-Social delivers quality Ashdown tone via a powerful 75W stereo amplifier and two custom dual concentric 5" drivers, specifically designed to deliver punchy low-end in the most compact enclosure. Unlocking further tonal possibilities, the App-Tek socket allows players to access the ever-growing range of amp sim and effects apps available on Smartphones and devices, including Ashdown's very own ABM Pre App on AmpKit by Agile partners.

FRONT PANEL:



FRONT PANEL FEATURES:

1. Input 1 - Input level rotary control
2. Input 2 - Input level rotary control
3. Instrument EQ - 3-Band EQ - Bass, Middle, Treble
4. Volume - Output level for instrument channel
5. Audio EQ - 3-Band EQ - Bass, Middle, Treble
6. Volume -Output level for stereo audio

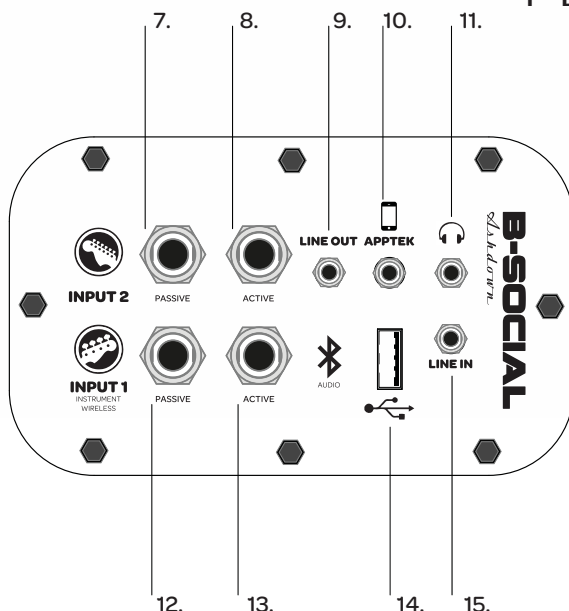


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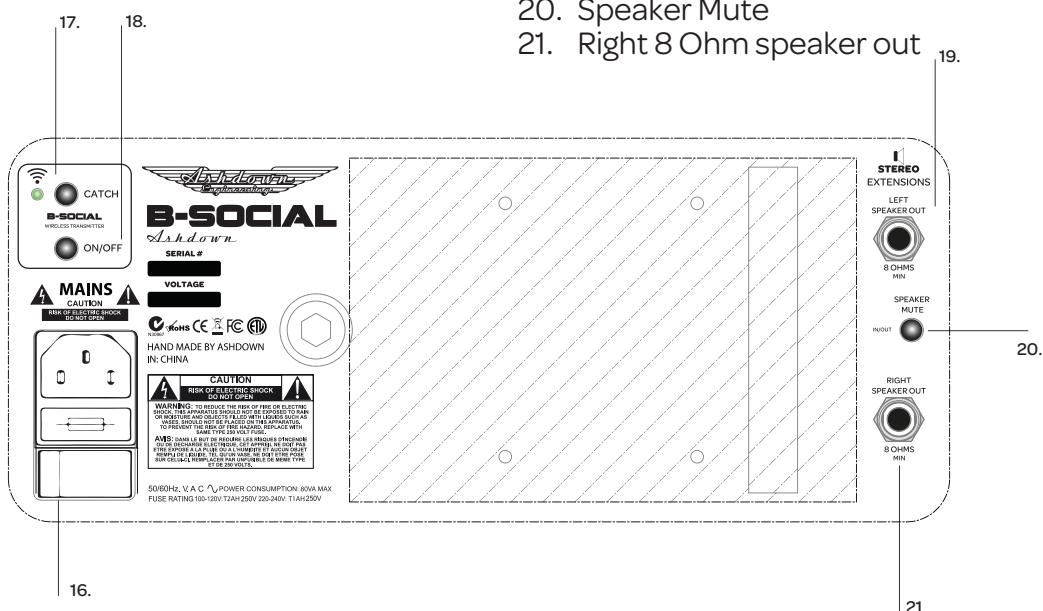
SIDE PANEL:



SIDE & REAR PANEL FEATURES:

7. Input 2 - Passive Jack instrument input.
8. Input 2 - Active Jack instrument input.
9. Line Output - Mini jack stereo line output
10. AppTek input - 4-pole mini jack socket.
11. Headphone output - Mini jack socket.
12. Input 1 - Passive Jack instrument input.
13. Input 1 - Active Jack instrument input.
14. USB - Audio interface connection USB 2.0.
15. Line Input - Mini jack socket.
16. Mains - On/Off
17. Wireless Catch
18. Wireless ON/OFF
19. Left 8 Ohm speaker out
20. Speaker Mute
21. Right 8 Ohm speaker out

REAR PANEL:



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B-SOCIAL - USER GUIDE

The Ashdown B social has been designed as a high quality Studio/ Home amplification system with exceptional definition and clarity, this will enable you to make quality recordings at home as well as in a professional studio. It will accept inputs from Bass Guitars, Acoustic Guitars, electric Violins, Pianos, Keyboards and Microphones etc. It also features a quality music player system with cabinet compensation and adjustable tone controls to enable a balanced sound to be obtained across a variety of sources.

At this point it will be worth understanding the various signal flows through the amplifier and what has been done to each in terms of compensation etc.

Starting with the instrument inputs, Channel 1 flows through from either the input jack sockets or from the built in wireless receiver. In both cases the raw signal from the instrument is passed directly to the Left channel of the stereo codec and therefore into the computer attached to the B Social unless you are using the Apptek in which case the effected signal will be used. Similarly Channel 2 jack input is passed directly to the Right channel of the codec, once again the signal is in the raw state.

It therefore follows that any controls on the B Social such as Gain and the EQ will not affect the recorded sound, All level settings etc. will be performed by the software you are using independent of the B Social.

Any sound you have recorded or are monitoring can be accessed independently via the return from the codec. In this case the L and R outputs are internally summed and passed through the Audio channel, the input gains on the instrument channels should be set to Zero to do this.

The more processing reduces the quality of any Audio signal carried out on it; it is recommended that the highest quality recording will therefore be obtained with a WIRED connection in preference to the Radio system. When using the B social as an instrument amplifier you can use either instrument channel or both simultaneously, the mix is obtained by juggling the Input controls, at the same time it is possible to Jam along with tracks sourced either from your computer connected via the USB or via another device connected by the LINE input or by Bluetooth. Using the appropriate leads a CD player may also be connected via the LINE in.

As before Direct WIRED connections will give the best results with a progressive loss in quality when using Bluetooth and Downloaded Audio.



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The Audio channel

The Audio channel deals with signals from the Codec Return i.e. sound sent from the computer, Audio from the LINE in and Bluetooth inputs. All these sources are internally mixed at a fixed ratio and there exists a preference order within the mixer. Signals can be used from the Codec at the same time as signals from the LINE in OR Bluetooth: note that the LINE takes preference over the Bluetooth in the same way as the Wired input to Channel 1 takes preference over the Wireless system.

The mix of these signals can be optimised by controlling the Output levels on the Source devices. A comprehensive 3 band EQ follows next and finally the Volume control for the Audio section. During its passage through this EQ the Audio is compensated for cabinet response to give a balanced sound with the EQ set Central, neither boost or cut and with any loudness and bass compensations turned OFF on any connected devices. Once again the best results will be obtained with any equalisers in these devices set to FLAT. At lower listening volumes or to compensate for room acoustics the Tone controls can be adjusted to either Boost or Cut the sound according to taste.

At this point the signal from the instruments is split into two for the left and right channels and mixed with the signal from the Audio section, the mix of these two components is controlled by the Master for the Instruments and the Volume for the Audio. Note that at this point only the Audio has cabinet compensation applied. The sound then passes through a sub sonic filter to remove all unwanted low frequency noise and protect the speakers from over excursion.

The Power amplifier

The power amplifier is a conventional LINEAR amplifier with a wide frequency response capable of providing up to 30 watts Continuous Average Power per channel into an 8-Ohm speaker. The unit also features extension speaker outputs that may be connected to a pair of 8 Ohm speakers capable of handling 30 watts or greater. When using these outputs the internal speakers will be in-operative. Remember that any Audio signal will already have the cabinet compensation applied so if for instance a pair of reference monitors are connected the tone will have to be adjusted to remove some of the compensation. You may also connect to Bass or PA cabinets as long as they are 8 Ohms. There is no cabinet compensation applied to the instrument inputs so playing these through the extension cabinets would be as though a normal instrument amplifier was being used albeit with higher quality.



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MUTE Functions

The Bluetooth device remains active at all times but has a Mute facility that will activate after a minute or two if it remains in an UNPAIRED condition. The Mute will automatically release if a suitable device is subsequently connected.

The Instrument wireless has a Mute switch and a Catch switch. In normal operation if the wireless is not being used it should be switched OFF on the back panel to avoid the notification click as the Receiver hunts for the Transmitter. (The Receiver will fail to find the transmitter if the transmitter is not in use at the time). To use the Wireless system it must first be switched on and paired with its Transmitter using the catch buttons on the rear panel of the B Social and the Transmitter itself.

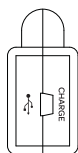
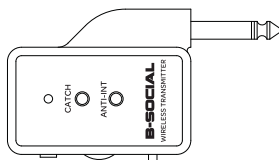
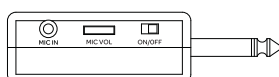
The transmitter comes supplied with a USB charger and lead. NOTE the charger must not be plugged into the USB on the B Social; neither will the Transmitter charge from the B Social.

Headphones

The B Social also has an internal headphone amplifier that will power most aftermarket headphones with a 3 (Three) Pole 3.5mm standard Jack plug. Muting the internal speakers is accomplished by the switch on the rear panel.

Note that headphones intended for use with mobile phones and music players with a control button that have a 4 pole jack socket should not be used under ANY circumstances and may cause irreversible damage to the B-Social.

WIRELESS TRANSMITTER:



Allowing the musician to roam at home, B-Social features wireless audio connectivity and a transmitter that lets the instrument connect wirelessly to the amp for cable free jamming.

The Transmitter is a simple plug and play dongle that links your B-Social to your instrument for wireless jamming. The transmitter includes a mic in mini jack socket with a volume control. On/Off switch for silent plugging and unplugging. Catch & Anti-Int buttons. Micro USB charging socket (cable & wall plug included) for keeping your transmitter powered.

2.4Ghz Wireless Transmitter, Durable & rechargeable lithium battery, Transmission distance: 20-30 meters (indoors), 70-80 meters (outdoors). Signal to Noise and distortion > 87dB.

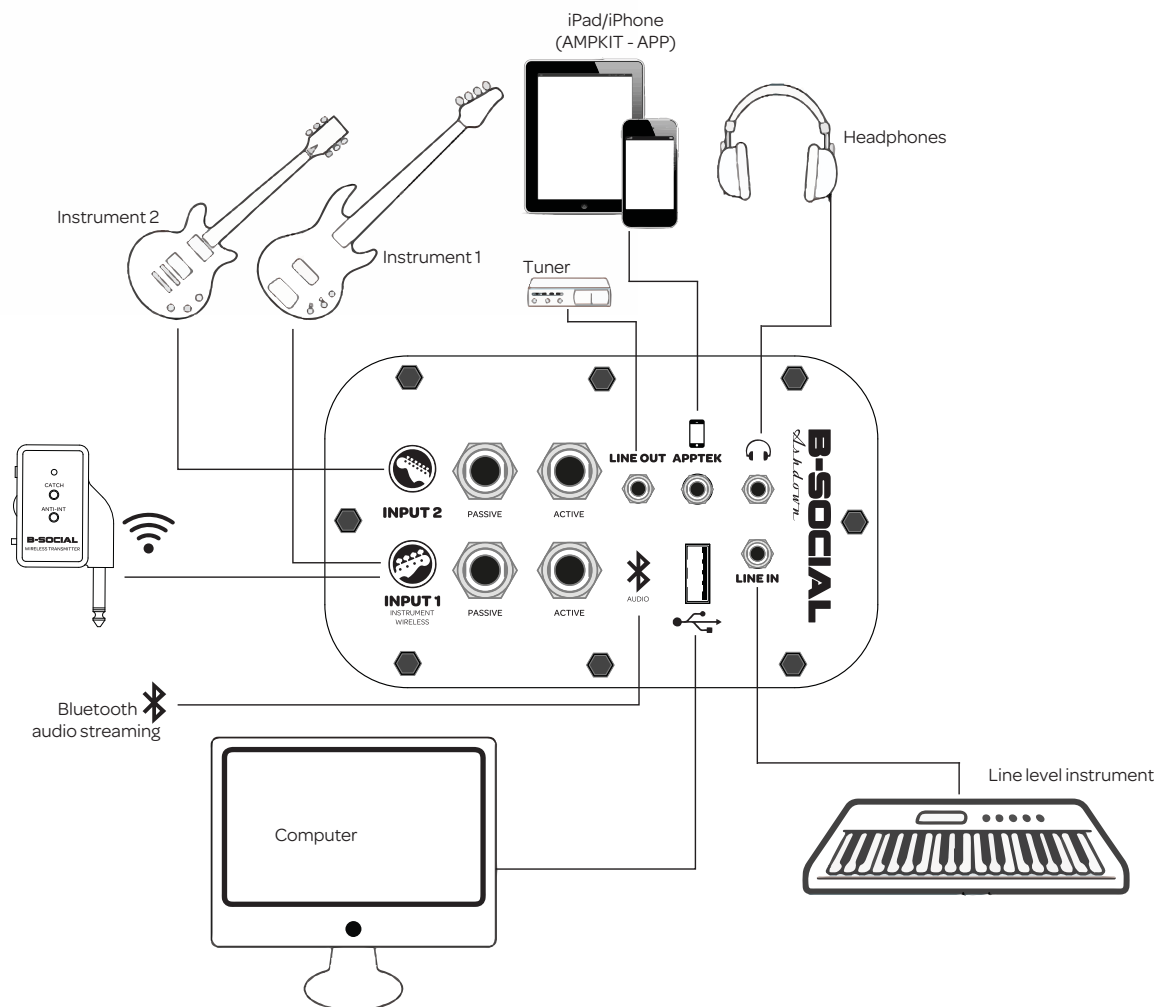


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CONNECTING YOUR DEVICES:



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Connecting your devices

There are a huge amount of options when plugging in your B-Social. It is effectively an audio interface with built in speakers, you can connect two instruments at the same time and record the two instrument inputs simultaneously.

Input 1 is able to utilize the AppTek socket for use with iPad or iPhone devices (with the supplied 4 pole mini jack cable) in conjunction with AmpKit from Agile partners, an amp and FX simulation app to expand on the available tones through you B-Social and also recording.

Connect your device via the provided USB 2.0 cable to your computer and activate the 'USB CODEC' as your sound card in your operating system, no drivers or external software is required.

A headphone out is provided for monitoring, with a speaker mute switch located on the rear of the amp for silent monitoring. There is a line input provided for line level instruments a mono line out is also available for slaving to a tuner or other devices.

The wireless transmitter utilizes Input 1 when engaged, the transmitter will latch to your B-Social when turned on, there is a 'CATCH' button located on the rear of the product if you are having difficulty pairing your transmitter, simply click 'CATCH' on the back and the transmitter will pair with your B-Social.

Bluetooth audio streaming is also available and able to pair with any Bluetooth device for playing your music wirelessly around your home, you will hear the on tone this means the B-Social is ready to pair with your device, simply got to the Bluetooth settings on your device and select the B-Social Bluetooth module.

Please enjoy the B-Social around the house and remember to let your other half listen to their music once and a while if only to ensure a happy living environment.



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B-Social Audio Interface-Features

- High-resolution 48kHz converters for high-end audio quality
- Works with your PC or Mac—no setup or drivers required.
- Stereo headphone output

Its inputs and outputs give you total connecting flexibility to mixers, loudspeakers or headphones. The illuminated Ashdown VU meter gives you an indication that the unit is powered and also enables you to set the level of your instrument.

- Instrument input 1
- Passive and Active
- Instrument input 2
- Passive and Active
- The AppTek socket is a 3 band (4 pole) 3.5mm input jack allows you connect with iPod®/iPhone®/iPad®

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System Requirements/Specifications

The B-Social is PC and Mac-compatible. Therefore, no installation procedure or drivers are required for the correct functioning of the B-Social. To work with the B-Social, your computer must fulfill the following minimum requirements:

- PC Intel® or AMD® CPU, 400MHz or higher Minimum 128MB RAM USB 1.1 interface Windows® 2000, XP.
- MAC® G3, 300MHz or higher Minimum 128MB RAM USB 1.1 interface MAC OS® 9.0.4 or higher, 10.X or higher.

Input 1 IN

Connectors Standard 1/4" jack
Input impedance approx. 470 k Ω
input level 150mV / 300mV(Active)

Input 2 IN

Connectors Standard 1/4" jack
Input impedance approx. 470 k Ω
input level 150mV / 300mV(Active)

AppTek

4 poles 3.5mm headphones jack
Input impedance approx. 10 k Ω
input level 120mV
output impedance approx. 4.7 k Ω
output level 10mV

LINE OUT

Output impedance approx. 680 Ω
output level 25mV

PHONES OUT

3 poles 3.5mm headphones jack
Output impedance approx. 5 Ω
output level 600mV

DIGITAL PROCESSING

Converter 16-bit converter
Sampling rate 32kHz, 44.1kHz, 48kHz

SYSTEM DATA

Frequency response
10 Hz to 20 kHz, ± 1 dB @ 44.1 kHz sample rate
10 Hz to 22 kHz, ± 1 dB @ 48.0 kHz sample rate
THD 0.1% typ. @ -10 dBu, 1kHz
Crosstalk -65 dB @ 0 dBu, 1 kHz

USB 2.0

Connectors type A (Cable included)

Technical specifications and appearance subject to change without notice. The information contained herein is correct at the time of printing.



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IMPORTANT SAFETY INFORMATION

IT

INFORMACIÓN IMPORTANTE DE SEGURIDAD

DE

WICHTIGE INFORMATIONEN ZUR SICHERHEIT

FR

INFORMATIONS DE SÉCURITÉ IMPORTANTES

ES

IMPORTANTI INFORMAZIONI SULLA SICUREZZA

PT

INFORMACIÓN IMPORTANTE DE SEGURIDAD

NL

BELANGRIJKE VEILIGHEIDSINFORMATIE



BASIC PRECAUTIONS

1 a.

The unit must be connected to a power source that it is only the type corresponding to what is on the back of the unit.

L'appareil doit être branché à une prise de courant uniquement du type décrit sur sa face arrière.

Das Gerät darf ausschließlich an einen Netzanschluss angeschlossen werden, der den Informationen auf der Rückseite des Geräts entspricht.

L'unità deve essere collegata a un'alimentazione che sia solo del tipo corrispondente a quanto indicato sul retro dell'unità.

Het apparaat mag alleen worden aangesloten op een voeding van het type dat beschreven is of dat op de achterzijde van het apparaat is aangeduid.

O equipamento deve estar conectado a uma fonte de alimentação do tipo descrito conforme a especificação na parte traseira do equipamento.

La unidad se debe conectar a una fuente de alimentación únicamente del tipo descrito o según lo indicado en la parte posterior de la unidad.

BASIC PRECAUTIONS

1 b.

CONNECT THE POWER PLUG OF THIS UNIT TO A SUPPLY OUTLET THAT HAS A GROUND CONNECTION.

Branchez la prise d'alimentation de cet appareil sur une prise secteur mise à la terre.

Schließen Sie den Netzstecker des Geräts an eine Netzsteckdose mit Schutzleiterverbindung an.

Collegare la spina elettrica del dispositivo a una presa di corrente con un collegamento di messa a terra protettiva.

Sluit het netsnoer van dit apparaat aan op een geaard stopcontact.

Conecte o plugue deste modelo à tomada de encaixe com uma conexão protetora de aterramento.

Conecte el enchufe eléctrico de este modelo en una toma de pared con una conexión con protección de toma de tierra



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BASIC PRECAUTIONS

2 a.

Do not place liquid containers on the device. Avoid at all costs the introduction objects (eg, flammable objects, coins, cables) or liquids (for example, water, fruit juice) , in to the device. Doing so may cause a short-circuit malfunction the unit or any other inherent problem.

Ne placez pas de récipient contenant du liquide sur l'appareil. Évitez à tout prix l'introduction d'objets (par exemple des objets inflammables, des pièces de monnaie, des câbles) ou de liquide (par exemple de l'eau, du jus de fruit) à l'intérieur de l'appareil. Vous risqueriez de provoquer un court-circuit, un mauvais fonctionnement de l'appareil ou tout autre problème inhérent.

Stellen Sie auf diesem Gerät keine mit Flüssigkeiten gefüllten Behälter ab. Achten Sie darauf, dass in das Gerät keine Fremdkörper (z.B. brennbare Objekte, Münzen oder Drähte) oder Flüssigkeiten (z.B. Wasser oder Saft) eindringen. Dies kann zu Kurzschlüssen, Fehlfunktion oder sonstigen Störungen führen.

Non posizionare sull'unità recipienti contenenti liquidi. Evitare che qualsiasi tipo di oggetto (ad esempio materiale infiammabile, monete, spilli) o liquido (acqua, bevande, ecc.) penetri nell'unità. In caso contrario, potrebbero verificarsi cortocircuiti, esecuzioni non corrette o altri malfunzionamenti.

Plaats geen voorwerpen die vloeistoffen bevatten op de versterker. Zorg ervoor dat er geen voorwerpen (bv. brandbare voorwerpen, munten, draden) of vloeistoffen (bv. water, fruitsap) in het apparaat terechtkomen. Op die manier vermijdt u kortsluitingen, verkeerde werking of andere defecten aan het apparaat.

BASIC PRECAUTIONS

Não coloque recipientes com líquidos sobre este produto. Nunca permita que objetos estranhos (por exemplo, objetos inflamáveis, moedas, fios) ou líquidos (por exemplo, água ou suco) entrem neste produto. Isso pode causar curtos circuitos, falha na operação ou outro mau funcionamento.

No coloque ningún recipiente que contenga líquido encima de este producto. No deje que caigan objetos (por ejemplo, objetos inflamables, monedas o alambres) ni líquidos (agua u otras bebidas) en el interior de este producto. Todo ello podría provocar cortocircuitos, un funcionamiento incorrecto u otro tipo de deficiencias.

2 b.

Never install the unit in the following locations:

- Damp (eg, bathrooms, offices washrooms, on wet floors);
- Exposed to steam or smoke;
- Subject to salt exposure;
- Exposed to rain;
- Dusty or sandy;
- subject to strong vibration or shock.

N'installez jamais l'appareil à l'un des emplacements suivants :

- embué (par exemple, salle de bains, cabinets de toilettes, sur sols mouillés) ;
- exposé à la vapeur ou à la fumée ;
- exposé au sel ;
- humide ;
- exposé à la pluie ;
- poussiéreux ou sableux ;
- soumis à de fortes vibrations et secousses.



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BASIC PRECAUTIONS

Stellen Sie das Gerät niemals in Umgebungen mit folgenden Bedingungen auf:

- Feuchtigkeit (z.B. Bäder, Waschräume, nasse Fußböden)
- Dampf oder Rauch
- Hoher Salzgehalt in der Luft
- Hohe Luftfeuchtigkeit
- Regen
- Staub oder Sand
- Starke Vibrationen oder Erschütterungen

Non installare l'unità nei luoghi:

- bagnati (ad esempio, bagni, lavanderie o pavimenti bagnati);
- esposti al vapore o al fumo;
- soggetti a esposizione salina;
- umidi;
- esposti alla pioggia;
- polverosi o sabbiosi;
- soggetti a livelli elevati di vibrazione e tremolio.

Installeer het apparaat nooit op plaatsen die

- nat zijn (bv. bad, wasruimte, op natte • vloeren);
- aan damp of rook worden blootgesteld;
- aan zout worden blootgesteld;
- vochtig zijn;
- aan regen worden blootgesteld;
- stoffig of zanderig zijn;
- aan hoge trillingsniveaus en schokken worden blootgesteld.

BASIC PRECAUTIONS

Jamais instale o equipamento em qualquer um dos seguintes locais.

- Molhados (por exemplo, banheiros, lavatórios ou pisos molhados) ou
- Expostos ao vapor ou à fumaça ou
- Sujeitos à exposição ao sal ou
- Úmidos ou
- Expostos à chuva ou
- Empoeirados ou com areia ou
- Sujeitos a altos níveis de vibração e
- instabilidade.

No instale nunca la unidad en los siguientes lugares:

- Mojados (por ejemplo, cuartos de baño o suelos mojados).
- Expuestos al vapor o a humos.
- Expuestos a entornos salinos.
- Húmedos.
- Expuestos a la lluvia.
- Con polvo o arena.
- Expuestos a niveles altos de vibración y
- sacudidas.



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BASIC PRECAUTIONS

3 a.

Used alone or in combination with an amplifier and stereo headphones or speakers, this device may produce noise levels that may cause hearing loss.

Utilisé seul ou en association avec un amplificateur et des casques stéréo ou des haut-parleurs, cet appareil peut produire des niveaux sonores susceptibles d'entraîner une perte auditive définitive.

Dieses Gerät kann einzeln oder in Kombination mit einem Verstärker und Kopfhörern oder Lautsprechern Schallpegel erzeugen, die zu dauerhaftem Gehörverlust führen können. Betreiben Sie das Gerät nicht über längere Zeit mit hoher oder unangenehmer Lautstärke.

Questa unità, da sola o utilizzata con un amplificatore e cuffie o altoparlanti, è in grado di produrre livelli di suono che possono causare la perdita permanente di udito.

Dit apparaat kan, apart of in combinatie met een versterker en hoofdtelefoon of luidsprekers, geluidsniveaus produceren die permanente gehoorschade kunnen veroorzaken.

Este equipamento, sozinho ou em conjunto com um amplificador e fones de ouvido ou altofalantes, pode produzir níveis sonoros capazes de provocar perda permanente da audição.

BASIC PRECAUTIONS

Esta unidad, utilizada de manera independiente o combinada con un amplificador y auriculares altavoces, puede generar niveles acústicos susceptibles de provocar la pérdida permanente de la audición.

3 b.

Do not work for long high volume level or at a level uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit and consult an audiologist.

Ne travaillez pas pendant longtemps à un niveau de volume élevé ou à un niveau inconfortable. Si vous constatez une perte auditive ou des bourdonnements d'oreille, vous devez immédiatement cesser d'utiliser l'appareil et consulter un audiologiste.

Sie eine Beeinträchtigung Ihres Gehörs oder ein Klingeln in den Ohren bemerken, sollten Sie den Betrieb des Geräts sofort einstellen und sich an einen HNO-Arzt wenden.

Non lasciare in funzione l'unità per periodi di tempo prolungati a un livello di volume elevato o fastidioso. Se si verifica perdita di udito o si avvertono ronzii nelle orecchie, è necessario interrompere immediatamente l'utilizzo dell'unità e consultare uno specialista dell'udito.

Gebruik het apparaat niet langdurig aan een hoog volumeniveau of aan een niveau dat oncomfortabel is. Als u gehoorverlies of oorsuizingen ervaart, moet u onmiddellijk stoppen met het gebruik van het apparaat en een audioloog raadplegen.



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BASIC PRECAUTIONS

Não use por períodos longos com volume alto ou com volumes desconfortáveis. Se você perceber a perda de audição ou um chiado no ouvido, interrompa o uso imediatamente e procure um médico especialista.

No la utilice durante períodos prolongados con un nivel de volumen elevado, ni a un volumen que resulte molesto. Si experimenta alguna pérdida de audición o un zumbido en los oídos, debe dejar de utilizarla inmediatamente y consultar a un otorrinolaringólogo.

4.

The appliance must be positioned so as to be sufficiently ventilated.

L'appareil doit être positionné de façon à être suffisamment ventilé.

Das Gerät und der Netzadapter sollten so aufgestellt werden, dass deren Aufstellort oder Position nicht die erforderliche Luftzufuhr beeinträchtigt.

Posizionare l'unità in modo tale da non creare impedimenti per una corretta ventilazione.

Het apparaat moet zo worden geplaatst dat de ventilatie niet door de locatie of positie wordt verstoord.

O aparelho deve ser situado de modo que sua localização ou posição não interfira em sua ventilação.

La unidad se debe colocar en un lugar o una posición que permitan su ventilación adecuada.

BASIC PRECAUTIONS

5.

Do not connect the power cord of device to an outlet with an unreasonable number of devices already connected. Be especially careful when using extension cords that total power used by all the devices connected will not exceed the power rating (watts / amperes) of the extension. Excessive loads can cause a warming of the insulation cord and even melting. Before using the unit in a foreign country, contact your retailer, the ASHDOWN - HAYDEN Service Center or the nearest authorized ASHDOWN - HAYDEN distributor (see page Information).

Ne forcez pas sur le cordon d'alimentation de l'appareil afin de partager une prise murale avec un nombre déraisonnable d'appareils supplémentaires. Soyez particulièrement vigilant lorsque vous utilisez des rallonges : la puissance totale utilisée par l'ensemble des appareils reliés à la prise de la rallonge ne doit jamais dépasser la puissance nominale (watts/ampères) de la rallonge. Des charges excessives peuvent provoquer un réchauffement de l'isolation du cordon et parfois même sa fonte. Avant d'utiliser l'appareil dans un pays étranger, prenez contact avec votre revendeur, avec le centre de maintenance ASHDOWN - HAYDEN le plus proche ou avec un distributeur ASHDOWN - HAYDEN agréé (voir la page Information).

Betreiben Sie den Netzadapter nicht zusammen mit einer zu großen Anzahl von Geräten an einer einzigen Netzsteckdose. Seien Sie besonders vorsichtig beim Einsatz von Verlängerungskabeln. Die Gesamtleistung aller an der Verlängerung betriebenen Geräte darf die für das Verlängerungskabel angegebene zulässige Leistung (Watt-/Ampère-Zahl) nicht überschreiten. Übermäßige Last kann dazu führen, dass sich die Isolierung erhitzt und ggf. schmilzt. Bevor Sie das Gerät in einem anderen Land betreiben, wenden Sie sich an Ihren Fachhändler, ein ASHDOWN - HAYDEN-Service-Center in Ihrer Nähe oder an einen der autorisierten ASHDOWN - HAYDEN-Vertriebspartner, die auf der Seite „Informationen“ aufgeführt sind.



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BASIC PRECAUTIONS

Per collegare il cavo di alimentazione dell'unità a una presa di corrente, non utilizzare una presa a cui è collegato un numero eccessivo di dispositivi. Prestare particolare attenzione quando si utilizzano prolunghe. La potenza massima utilizzata da tutti i dispositivi collegati alla presa della prolunga non deve mai superare la potenza prevista (watt/ampere) per la prolunga in uso. Carichi eccessivi possono causare il surriscaldamento del materiale isolante del cavo e provocarne la fusione. Prima di utilizzare l'unità in un paese straniero, consultare il proprio fornitore, il Centro di assistenza ASHDOWN - HAYDEN più vicino o un distributore ASHDOWN - HAYDEN autorizzato, in base all'elenco della pagina "Informazioni".

Laat het netsnoer van het apparaat geen stopcontact delen met een buitensporig aantal andere apparaten. Wees vooral voorzichtig met verlengkabels. Het totale stroomverbruik van alle apparaten die u op de verlengkabel hebt aangesloten, mag nooit het maximumvermogen (watt/ampère) voor de verlengkabel overschrijden. Buitensporige belasting kan de isolatie van de kabel opwarmen en uiteindelijk doen smelten. Raadpleeg uw handelaar, het dichtstbijzijnde ASHDOWN - HAYDEN Service Center of een erkende ASHDOWN - HAYDEN-verdeler, zoals vermeld op de pagina "Informatie", vooraleer u het apparaat in het buitenland gebruikt.

Não force o cabo de força para compartilhar tomada com outros aparelhos. Tenha um cuidado especial ao usar extensões — a potência total usada por todos os aparelhos conectados nunca deverá ultrapassar a capacidade (watts/ampéres) da extensão. A carga excessiva pode fazer com que o isolamento do cabo aqueça e até mesmo derreta. Antes de usar o equipamento em países estrangeiros, procure o seu vendedor, o Centro de Serviços Técnicos da ASHDOWN - HAYDEN mais próximo ou um distribuidor autorizado, conforme listado da página "Informações".

BASIC PRECAUTIONS

No enchufe el cable de alimentación de la unidad a la misma toma de corriente donde ya hay bastantes otros dispositivos enchufados. Tenga mucho cuidado si utiliza cables de extensión. La corriente total de todos los dispositivos conectados a la toma del cable de extensión no debe exceder nunca la clasificación de la corriente (vatios/amperios) del cable. Una carga excesiva podría hacer que se calentara el material de aislamiento del cable y llegara a fundirse. Antes de utilizar la unidad en otro país, póngase en contacto con su proveedor, el centro de servicio ASHDOWN - HAYDEN más cercano, o con un distribuidor autorizado de ASHDOWN - HAYDEN de los que se indican en la página de información.

6.

Immediately turn off and unplug the power cord from the outlet and return to your retailer, the nearest ASHDOWN - HAYDEN Service Center, or an authorized ASHDOWN - HAYDEN distributor (see page Information), in the following situations:

- the power cord or plug is damaged;
- If smoke or unusual odor occurs
- objects or liquid are introduced into the apparatus;
- The unit has been exposed to rain (or otherwise has become wet any other way);
- If the product does not operate normally, or if you notice a marked change in performance.



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BASIC PRECAUTIONS

Mettez immédiatement l'appareil hors tension, débranchez le cordon d'alimentation de la prise de courant et demandez une opération de maintenance à votre revendeur, au centre de maintenance ASHDOWN - HAYDEN le plus proche ou à un distributeur ASHDOWN - HAYDEN agréé (voir la page Information), dans les situations suivantes :

- le cordon d'alimentation ou la prise est endommagé ;
- en cas de fumée ou d'odeur inhabituelle ;
- des objets ou du liquide se sont introduits dans l'appareil ;
- l'appareil a été exposé à la pluie (ou s'est embué de quelque autre façon) ;
- si l'appareil ne semble pas fonctionner normalement ou si vous remarquez une modification notable des performances.

Wenn einer der folgenden Fälle eintritt, schalten Sie das Gerät sofort aus, ziehen Sie das Netzkabel aus der Steckdose, und wenden Sie sich an Ihren Fachhändler, ein ASHDOWN - HAYDEN Service Center in Ihrer Nähe oder an einen der autorisierten ASHDOWN - HAYDEN- Vertriebspartner, die auf der Seite „Information“ aufgelistet sind:

- Das Netzkabel oder der Stecker wurde beschädigt;
- Es tritt Rauch oder ein ungewöhnlicher Geruch auf;
- Gegenstände oder Flüssigkeiten sind in das Gerät gelangt;
- Das Gerät war Regen (oder sonstiger Feuchtigkeit) ausgesetzt;
- Das Gerät scheint nicht normal zu funktionieren oder weist eine deutliche Änderung der Leistungsfähigkeit auf.

BASIC PRECAUTIONS

Spegnere immediatamente l'unità, rimuovere il cavo di alimentazione dalla presa e richiedere assistenza al proprio fornitore, al Centro di assistenza ASHDOWN - HAYDEN più vicino o a un distributore ASHDOWN - HAYDEN autorizzato, in base all'elenco nella pagina "Informazioni" quando:

- la spina o il cavo di alimentazione risulta danneggiato;
- si verifica emissione di fumo o di odore insolito;
- nell'unità sono caduti oggetti o sono stati versati liquidi;
- l'unità è stata esposta a pioggia (o si è bagnata in altro modo);
- l'unità non funziona normalmente o manifesta un cambiamento evidente nelle prestazioni.

Schakel het apparaat onmiddellijk uit, trek het netsnoer uit het stopcontact en vraag onderhoud aan bij uw handelaar, dichtstbijzijnde ASHDOWN - HAYDEN Service Center of een erkende ASHDOWN - HAYDEN-verdeler, zoals vermeld op de pagina "Informatie" als:

- het netsnoer of de stekker beschadigd zijn;
- rook of ongewone geuren voorkomen;
- voorwerpen of vloeistoffen in het apparaat zijn terechtgekomen;
- het apparaat aan regen werd blootgesteld (of op een andere manier nat is geworden);
- het apparaat niet normaal lijkt te werken of opmerkelijk anders functioneert.



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BASIC PRECAUTIONS

Desligue imediatamente, remova o cabo de força da tomada e procure o revendedor, o Centro de Serviços Técnicos da ASHDOWN - HAYDEN ou um distribuidor autorizado, conforme listado da página "Informações" quando:

- O cabo de força ou o plugue estiver danificado; ou
- Houver fumaça ou odores estranhos
- Caírem objetos dentro do equipamento ou for derramado líquido sobre ele; ou
- O equipamento tiver sido exposto à chuva (ou ter sido molhado); ou
- O equipamento não funcionar normalmente ou mostrar uma mudança aparente no desempenho.

Apague inmediatamente desconecte el cable de alimentación de la toma y solicite una transacción a la tienda, el centro de Servicio Postventa de ASHDOWN - HAYDEN o con un distribuidor autorizado de ASHDOWN - HAYDEN (ver página Información), en las siguientes situaciones:

- El cable de alimentación o el enchufe estén dañados.
- La unidad genere humo u olores raros.
- Haya caído algún objeto, o se haya derramado algún líquido, en el interior de la unidad.
- La unidad haya estado expuesta a la lluvia, o se haya mojado por cualquier causa.
- La unidad parezca no funcionar con normalidad o muestre un cambio notable en el rendimiento.

BASIC PRECAUTIONS

7.

DO NOT OPEN THE UNIT OR PERFORM ANY INTERNAL MODIFICATIONS EXCEPT WHERE THE MANUAL PROVIDES SPECIFIC INSTRUCTIONS

N'essayez pas de réparer l'appareil ou d'en remplacer les pièces (sauf si le présent manuel fournit des instructions spécifiques dans ce sens).

Öffnen Sie das Gerät nicht, bzw. nehmen Sie keine internen Änderungen am Gerät vor. Versuchen Sie nicht, das Gerät zu reparieren oder darin enthaltene Teile zu ersetzen (außer in Fällen, für die in dieser Anleitung genaue Anweisungen gegeben sind).

Non tentare di riparare l'unità o di sostituirla parti interne, ad eccezione dei casi in cui il presente manuale fornisca istruzioni specifiche indicando all'utente le modalità di esecuzione di tali operazioni.

Open het apparaat niet en voer geen interne wijzigingen uit. Probeer het apparaat niet te herstellen of onderdelen ervan te vervangen (behalve als deze handleiding specifieke instructies geeft om dat te doen).

Não abra nem realize nenhuma modificação interna no equipamento. Não tente fazer reparos nem substituir peças internas do equipamento (exceto quando indicado especificamente pelas instruções do manual).

No abra la unidad ni modifique ninguno de sus componentes internos. No intente reparar la unidad ni sustituir ninguna de sus piezas internas (salvo cuando en este manual se proporcionen instrucciones específicas que le indiquen que lo haga).



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BASIC PRECAUTIONS

8.

For maintenance, contact your retailer, the ASHDOWN - HAYDEN Service Center nearest you, or an authorized ASHDOWN - HAYDEN distributor (see page Information).

Pour toute opération de maintenance, prenez contact avec votre revendeur, avec le centre de maintenance ASHDOWN - HAYDEN le plus proche, ou avec un distributeur ASHDOWN - HAYDEN agréé (voir la page Information).

Wenden Sie sich bezüglich jeglicher Reparaturen an Ihren Fachhändler, ein ASHDOWN - HAYDEN Service Center in Ihrer Nähe oder an einen der autorisierten ASHDOWN - HAYDEN-Vertriebspartner, die auf der Seite „Information“.

Per qualsiasi tipo di assistenza, rivolgersi al proprio fornitore, al Centro di assistenza ASHDOWN - HAYDEN più vicino o a un distributore ASHDOWN - HAYDEN autorizzato, in base all'elenco della pagina "Informazioni".

Laat het onderhoud over aan uw handelaar, het dichtstbijzijnde ASHDOWN - HAYDEN Service Center of een erkende ASHDOWN - HAYDEN-verdeler, zoals vermeld op de pagina "Informatie".

Procure o revendedor, o Centro de Serviços Técnicos da ASHDOWN - HAYDEN ou um distribuidor autorizado da ASHDOWN - HAYDEN, conforme listado na página "Informações".

Siempre que tenga que realizar algún tipo de reparación, póngase en contacto con su proveedor, con el centro de servicio ASHDOWN - HAYDEN, o con un distribuidor autorizado de ASHDOWN - HAYDEN de los que se indican en la página de información.

BASIC PRECAUTIONS

9.

For your Safety and protection against FIRE replace the fuses fitted with the same TYPE and specification.

Pour votre sécurité et la protection contre l'incendie remplacer les fusibles équipés du même type et specifications.

Für Ihre Sicherheit und Schutz gegen Feuer ersetzen Sie die Sicherungen mit der gleichen Art und Spezifikation ausgestattet.

Per la vostra sicurezza e la protezione contro il fuoco sostituire i fusibili dotati dello stesso tipo e le specifiche.

Voor uw veiligheid en bescherming tegen brand vervang de zekeringen uitgerust met hetzelfde type en specificatie.

Para sua segurança e proteção contra incêndio substituir os fusíveis equipados com o mesmo tipo e especificação.

Para su seguridad y protección contra incendios reemplazar los fusibles equipados con el mismo tipo y especificación.



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RADIO FREQUENCY INTERFERENCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.



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PÁGINA DE INFORMAÇÕES

PÁGINA DE INFORMACIÓN

WARNINGS USED ON THIS APPARATUS

AVERTISSEMENTS UTILISÉS SUR CET APPAREIL

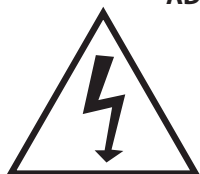
WARNUNGEN AUF DIESEM GERÄT VERWENDET

**AVVERTENZE UTILIZZATI IN QUESTO APPARE-
CCHIO**

WAARSCHUWINGEN DIE IN DEZE INRICHTING

AVISOS UTILIZADOS NESTE APARELHO

ADVERTENCIAS UTILIZADOS EN ESTE APARATO



IMPORTANT INFORMATION

DES INFORMATIONS IMPORTANTES

WICHTIGE INFORMATIONEN

INFORMAZIONI IMPORTANTI

BELANGRIJKE INFORMATIE

INFORMAÇÕES IMPORTANTES

INFORMACIÓN IMPORTANTE



RISK OF ELECTRIC SHOCK

RISQUE DE CHOC ÉLECTRIQUE

GEFAHR EINES ELEKTRISCHEN SCHLAGS

RISCHIO DI SCOSSA ELETTRICA

RISICO OP ELEKTRISCHE SCHOKKEN

RISCO DE CHOQUE ELÉTRICO

RISCO DE CHOQUE ELÉTRICO

ELECTRICAL SAFETY MARKINGS

MARQUAGES DE SÉCURITÉ ÉLECTRIQUE

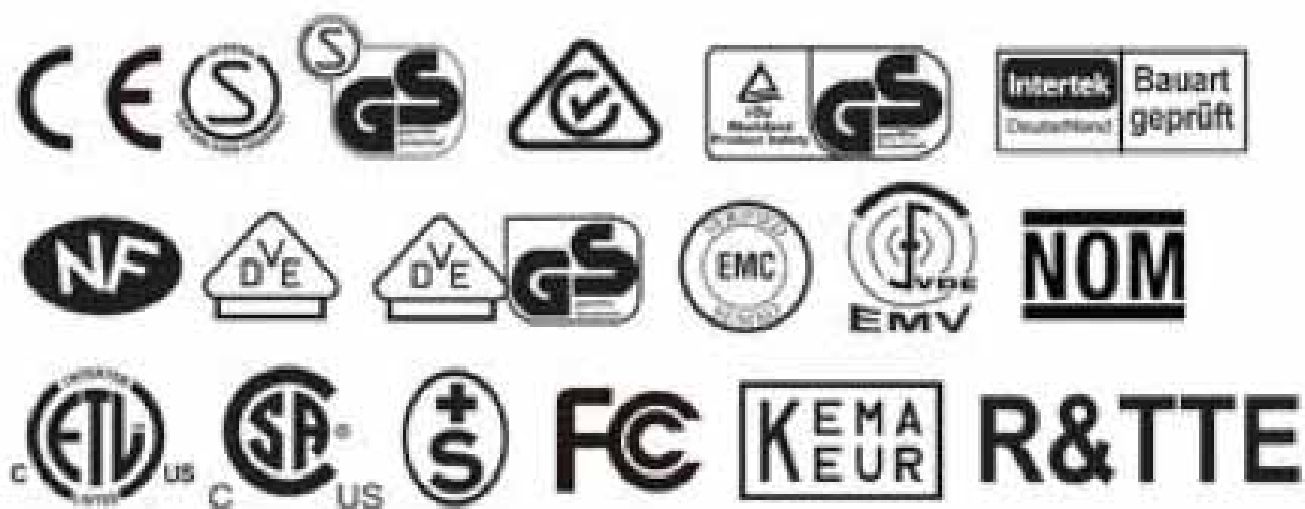
ELEKTRISCHE SICHERHEIT MARKIERUNGEN

SEGNALETICA DI SICUREZZA ELETTRICA

ELEKTRISCHE VEILIGHEID MARKERINGEN

ELÉTRICOS MARCAS DE SEGURANÇA

MARCAS DE SEGURIDAD ELÉCTRICA



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REGISTER ONLINE

Please register this product online so we can make sure we give you years of customer support through our friendly in-house service centre.

Here is where you need to visit to register your product:

<http://ashdownmusic.com/support/register/>

or

<http://haydenamps.com/support/register/>

5 YEAR LIMITED WARRANTY*

UP TO 5 YEARS EXTENDED WARRANTY

Your Ashdown-Hayden product has been constructed to the highest standards using selected materials and components matched to the functions they are intended to perform. We are therefore proud to be able to offer you a 3 Years Extended Warranty in addition to the standard Manufacturers Warranty of 2 Years as detailed below. To qualify for this FREE Extension to 5 years you must register your product with us either online or via the attached card within 1 month from the date of Purchase.

LIMITED WARRANTY.

Your Ashdown/Hayden Product carries as Standard a 2 Year Warranty against defects in Materials or Manufacture for the original Purchaser. Ashdown/Hayden will at their discretion Repair or Replace any product or part thereof which is found to be defective. Ashdown/Hayden reserve the right to supply a reconditioned unit if the Original is found to be un-repairable.

Damage occurring during shipment.

A Product with a serial number which has been altered, defaced, removed or is illegible. Damage caused by repair or service carried out by persons not authorised by Ashdown/Hayden.

A Product which was not purchased from an Authorised Dealer within Area

This Warranty does NOT apply to Coverings, Fittings or Finishes when affected by carelessness, accident or extreme climate change, Nor does it apply to parts subject to normal wear and tear such as light bulbs, Fuses, Valves, Controls, Speakers etc.

Please note that Loudspeakers and Tubes (Valves) are Warranted to be free from Defects for a period of 90 Days from the date of purchase.

To obtain the warranty services as described you must take the defective product to your Authorised dealer together with your original sales receipt, who may advise you to return the product to an Authorised Repair centre if they do not have the required repair facilities available.

Ashdown-Hayden will only be responsible for the cost of RETURN shipping.

Exclusion of damages#

Our liability for any defective Product, except for death or personal injury caused by our negligence, shall be limited to the Warranty Services which will be provided to you at our sole discretion. We reserve the right to refuse you provision of the Warranty Service if (1) you are unable to provide the original sales receipt from an Ashdown-Hayden authorised Retailer Or (2), we have reason to believe that you have not directly purchased the Products from any of our authorised Retail Outlets or Distributors.

Notwithstanding the Warranty Services and the provisions set out herein, we shall not be liable for any claims or damages in contract or tort or otherwise for any loss (whether direct or indirect) of profit, business, revenue, anticipated savings, damage to any other equipment or other items at the site of use, or any indirect or consequential loss or damage whatsoever.

The terms under this Warranty do not affect your statutory rights in respect of your defective Products.

This Warranty shall be governed by and construed in accordance with English Law



Return Address:

Ashdown/Hayden Amps
The Old Maltings Ind. Est. Hall Road, Heybridge, Maldon, Essex, CM9 4NJ ENGLAND
Tel: +44(0)1621 857 853 Fax: +44(0)1621 841 768 E: info@ashdownmusic.co.uk

IMPORTANT-REGISTRATION CARD

Name	Purchased from
Address	Date
.....	Model
.....	Serial Number
.....	
.....	
Email	
Age	

Comments

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