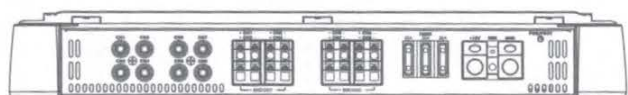
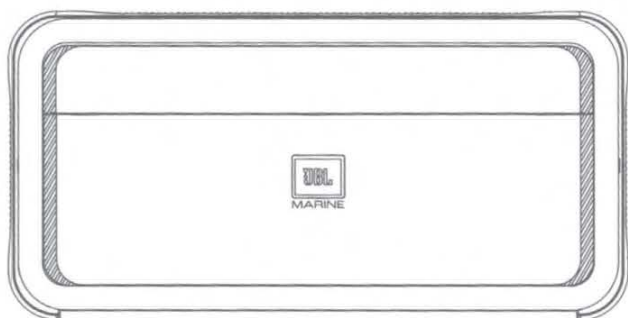
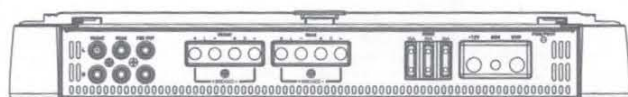
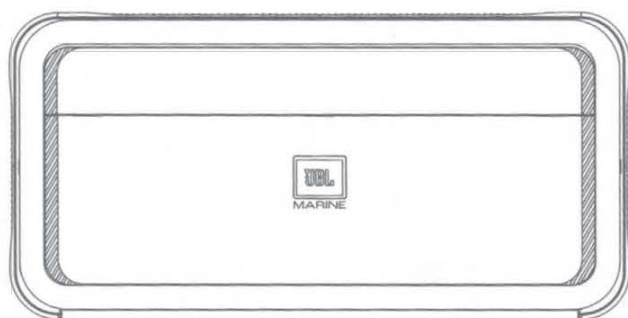


Marine A758 and Marine A1504 Amplifiers



A758



A1504

Owner's Manual

EN

Mode d'emploi

FR

Bedienungsanleitung

DE

Manual de propietario

ES

Manuale d'istruzioni

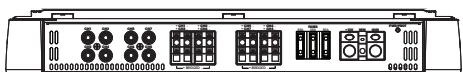
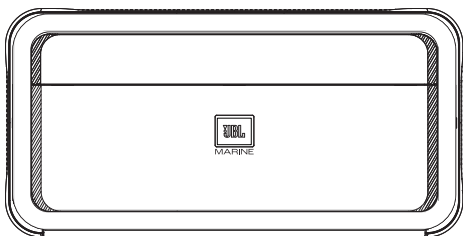
IT

Gebruikershandleiding

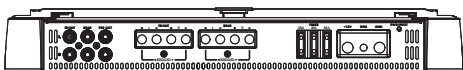
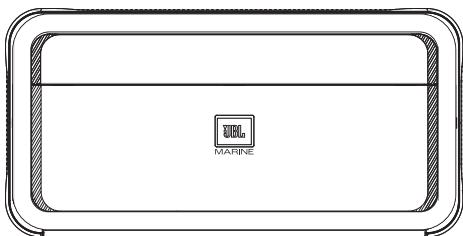
NL



Marine A758 and Marine A1504 Amplifiers



A758



A1504

Owner's Manual

EN

Mode d'emploi

FR

Bedienungsanleitung

DE

Manual de propietario

ES

Manuale d'istruzioni

IT

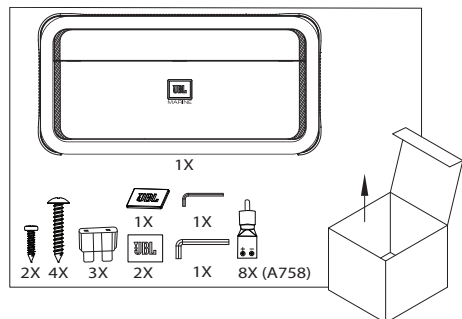
Gebruikershandleiding

NL

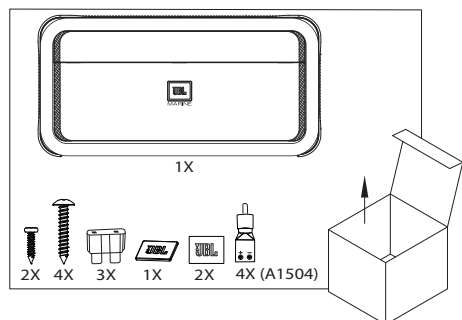
Marine A758 and Marine A1504 Amplifiers

WHAT'S IN THE BOX

Marine A758

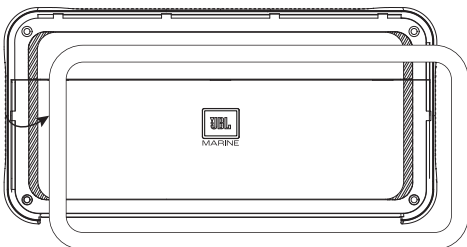


Marine A1504

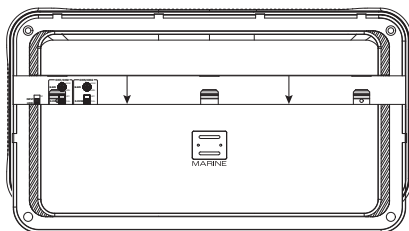


ACCESSING CONNECTORS AND CONTROL PANEL

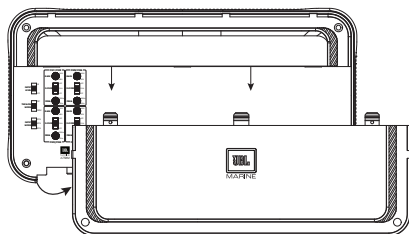
1. Pry off trim piece



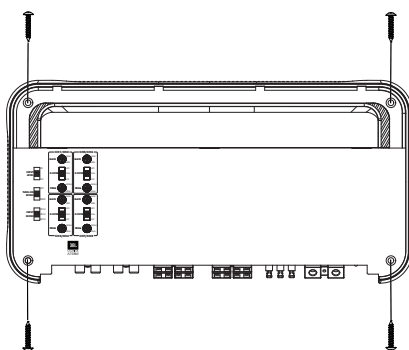
2. Slide the panel cover down



3. Remove panel cover



MOUNTING THE AMP



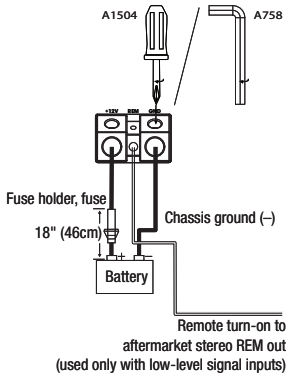
Note: It is recommended that you make all wire connections before permanently mounting the amplifier.

IMPORTANT: Disconnect the negative (–) battery terminal of the accessory battery before beginning the installation.

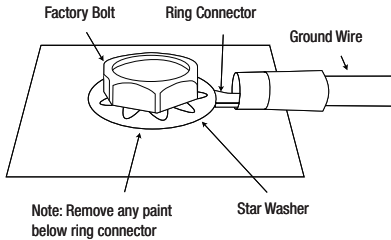
- Always wear protective eyewear when using tools.
- Choose a safe mounting location. Check clearances on both sides of a planned mounting surface. Be sure that screws or wires will not puncture the vessel hull, fuel lines, or wiring harnesses, and that wire routing will not interfere with the safe boat operation. Use caution when drilling or cutting in the mounting area.
- Choose a location that provides enough air circulation.
- Do not mount the amplifier with the heat sink facing downward, as this interferes with cooling.
- Mount the amplifier so that it will not be damaged by the feet of passengers or shifting cargo.

WIRING FOR POWER AND GROUND

At amplifier:

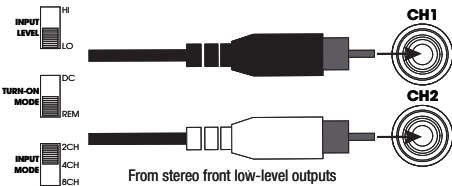


At ground location:



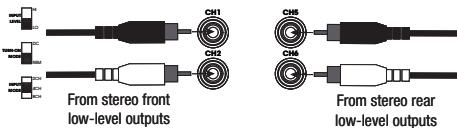
WIRING FOR INPUT SIGNAL

A758 low-level signals – 2-channel input



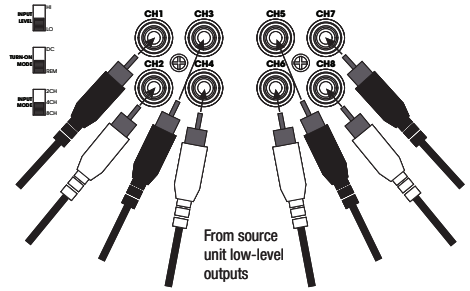
Note: when using 2-channel low-level signals and remote turn-on lead, set the **INPUT LEVEL** switch to **LO**, the **TURN-ON MODE** switch to **REM**, and the **INPUT MODE** switch to **2CH**.

A758 low-level signals – 4-channel input



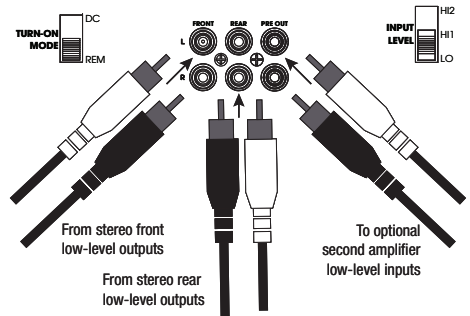
Note: when using 4-channel low-level signals and remote turn-on lead, set the **INPUT LEVEL** switch to **LO**, the **TURN-ON MODE** switch to **REM**, and the **INPUT MODE** switch to **4CH**.

A758 low-level signals – 8-channel input



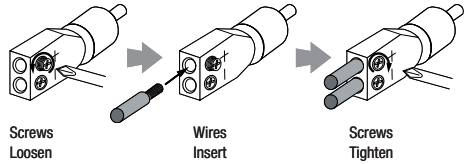
Note: when using 8-channel low-level signals and remote turn-on lead, set the **INPUT LEVEL** switch to **LO**, the **TURN-ON MODE** switch to **REM**, and the **INPUT MODE** switch to **8CH**.

A1504 low-level signals

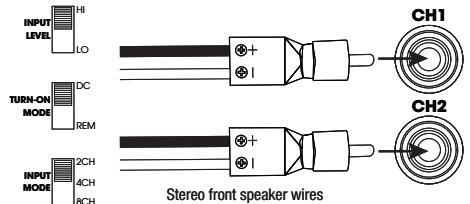


Note: when using low-level signals and remote turn-on lead, set the **TURN-ON MODE** switch to **REM** and the **INPUT LEVEL** switch to **LO**.

High-level input signals – Preparing adapters

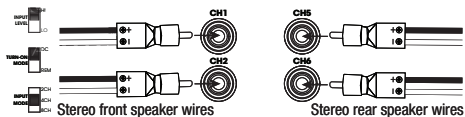


A758 high-level input signals – 2-channel input



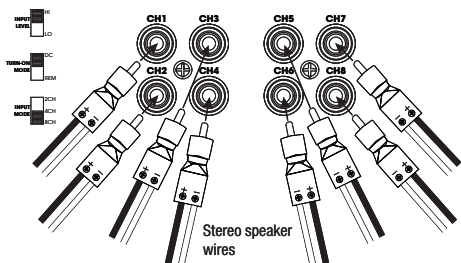
Note: when using 2-channel high-level signals, set the **INPUT LEVEL** switch to **HI**, the **TURN-ON MODE** switch to **DC**, and the **INPUT MODE** switch to **2CH**.

A758 high-level input signals – 4-channel input



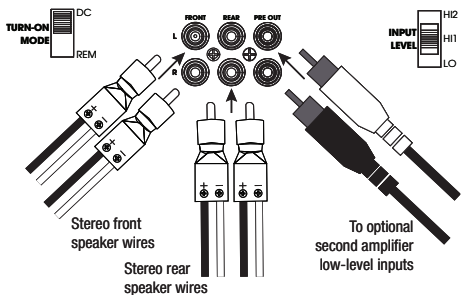
Note: when using 4-channel high-level signals, set the **INPUT LEVEL** switch to **HI**, the **TURN-ON MODE** switch to **DC**, and the **INPUT MODE** switch to **4CH**.

A758 high-level input signals – 8-channel input



Note: when using 8-channel high-level signals, set the **INPUT LEVEL** switch to **HI**, the **TURN-ON MODE** switch to **DC**, and the **INPUT MODE** switch to **8CH**.

A1504 high-level input signals

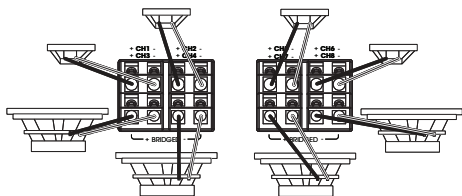


Note: when using high-level signals, set the "TURN-ON MODE" switch to "DC" and the "INPUT LEVEL" switch to "HI1". If no sound plays, change the "INPUT LEVEL" switch to "HI2".

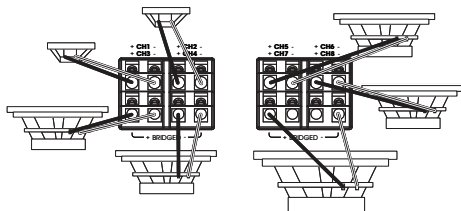
WIRING FOR OUTPUT

Note: Be sure to observe proper speaker polarity.

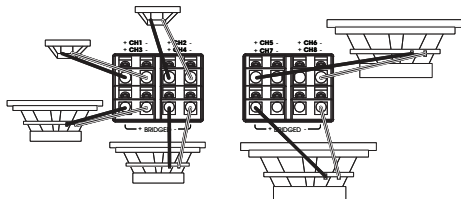
A758 8-channel output



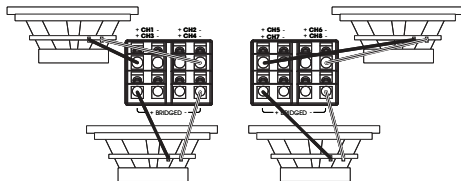
A758 7-channel output



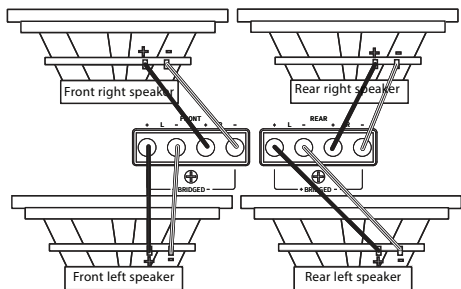
A758 6-channel output



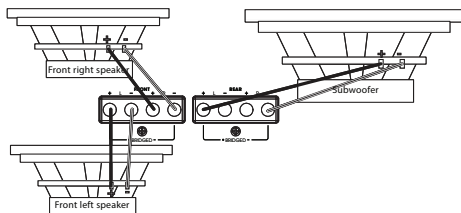
A758 4-channel output



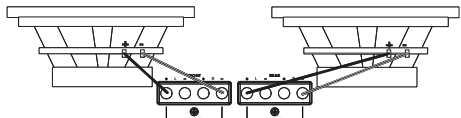
A1504 4-channel output



A1504 3-channel output



A1504 2-channel output



SETTING GAIN, CROSSOVERS, AND BASS BOOST



Setting the gain

- 1. Start with **GAIN** control set to minimum, and the crossover control rotated midway.
- 2. For the front and rear channels, choose music you're familiar with. For the subwoofer channel on the Marine A758 or A1504, choose music with substantial bass content.
- 3. Turn the volume control on your receiver to ¾ of its total output.
- 4. Adjust the **GAIN** control clockwise, listening carefully to the bass output. If you hear distortion, turn the **GAIN** control counterclockwise to decrease the gain.

Selecting the crossover mode

On the front and rear channels, you can select your preferred crossover mode.



Choose HPF to allow only frequencies above a certain point to reach your speakers. Recommended if you're using a subwoofer in your system, as it keeps low base from your full-range speakers.

Choose LPF to allow only frequencies below a certain point to reach your speakers. Recommended if you're bridging the front or rear channels to power a subwoofer.

Choose FULL to allow all frequencies to reach your speakers. Recommended if you're not using a subwoofer in your system.

Selecting the crossover frequency



Choose the crossover point to suit listening preferences. Turn the dials to the left to lower the crossover point and to the right to raise the crossover point. Exact crossover settings for coaxial speakers and subwoofers depend on your listening preferences.

SPECIFICATIONS

	Marine A758	Marine A1504
Power output @ 4 ohms (14.4V)	75 watts RMS x 8	150 watts RMS x 4
Power output @ 4 ohms (12.8V)	65 watts RMS x 8	130 watts RMS x 4
Power output @ 2 ohms (14.4V)	125 watts RMS x 8	225 watts RMS x 4
Power output @ 2 ohms (12.8V)	100 watts RMS x 8	200 watts RMS x 4
Power output in bridged mode @ 4 ohms (14.4V)	250 watts RMS x 4	450 watts RMS x 2
Power output in bridged mode @ 4 ohms (12.8V)	200 watts RMS x 4	400 watts RMS x 2
Frequency response	20-20,000 Hz	20-20,000 Hz
Crossover frequencies	32-320 Hz variable, 12 dB/octave	32-320 Hz variable, 12 dB/octave
Line-level input sensitivity	200mVrms - 5Vrms	200mVrms - 5Vrms
High-level input sensitivity	1Vrms - 25Vrms	1Vrms - 25Vrms
Signal-to-noise ratio	80 dB	80 dB
THD+N @ rated power	1%	1%
Fuse rating	105A	105A

	Marine A758	Marine A1504
Operating voltage	9 ~ 16VDC	9 ~ 16VDC
Amplifier class	D	D
Dimensions (W x H x D)	14-3/16" x 2-1/16" x 7-1/8" (360mm x 51.3mm x 180mm)	14-3/16" x 2-1/16" x 7-1/8" (360mm x 51.3mm x 180mm)
Weight	3.7kg	3.6kg
Recommended wire gauge (Power)	4	4
Maximum operation temperature	70°C	70°C
Fuse	105A	105A

TROUBLESHOOTING

No audio and POWER INDICATOR is off.

- No voltage at BATT+ and/or REM terminals, or bad or no ground connection. Check voltages at amplifier terminals with VOM.

No audio and PROTECT INDICATOR flashes every 4 seconds.

- DC voltage on amplifier output. Amplifier may need service; see enclosed warranty card for service information.

No audio and PROTECT and POWER INDICATORS flash.

- Voltage less than 9V on BATT+ connection. Check boat charging system.

No audio and PROTECT INDICATOR is on.

- Amplifier is overheated. Make sure amplifier cooling is not blocked at mounting location. Or, there may be voltage greater than 16V (or less than 8.5V) on BATT+ connection. Check boat charging system.

Amplifier fuse keeps blowing.

- The wiring is connected incorrectly or there is a short circuit. Check wiring connections.

Distorted audio.

- Gain is not set properly. Check setting. Check wires for shorts or grounds. Amplifier or source unit may be defective.

Distorted audio and PROTECT INDICATOR flashes.

- Short circuit in speaker or wire. Remove speaker leads one at a time to locate shorted speaker or wire, and repair.

Music lacks dynamics or "punch".

- Speakers are not connected properly. Check speaker connections for proper polarity.

Engine noise—whining or clicking—in system when the engine is on.

- Amplifier is picking up alternator noise. First, check ground connection on the amplifier – a loose or improper ground is one of the main causes for noise. Turn down gain. Move RCA audio cables away from power wires. Installing an alternator noise filter on power line between battery and alternator might also be necessary.

VERSTERKING (GAIN), CROSSOVERS EN
BASVERSTERKING INSTELLEN



Versterking (gain) instellen

- 1. Start met de **GAIN** instelling op het minimum en de crossover-bediening halverwege.
- 2. Kies voor de voor- en achterkanalen muziek die je goed kent. Kies voor het subwooferkanaal op de Marine A758 of A1504 muziek met een flinke basinhoude.
- 3. Zet de volumeregelaar op de ontvanger op ¼ van het totale vermogen.
- 4. Draai de **GAIN** regelaar naar rechts, en luister aandachtig naar de bas. Als je vervorming hoort, draai dan de **GAIN** regelaar naar links om de versterking te verminderen.

Crossover-modus selecteren

Op de voor- en achterkanalen kun je de gewenste crossover-modus selecteren.

Selecteer HPF zodat alleen frequenties boven een bepaald punt in de luidsprekers bereiken. Aanbevolen als je een subwoofer in je systeem gebruikt, omdat deze de bas van je full-range luidsprekers laag houdt.

Selecteer LPF zodat alleen frequenties onder een bepaald punt de luidsprekers bereiken. Aanbevolen als je de kanalen aan de voor- of achterkant wilt koppelen om een subwoofer van stroom te voorzien.

Selecteer FULL zodat alle frequenties de luidsprekers bereiken. Aanbevolen als je geen subwoofer in je systeem gebruikt.

Crossover-frequentie selecteren

Kies het crossover-punt dat past bij de luistervoorkeuren. Draai de knoppen naar links om het crossover-punt te verlagen en naar rechts om het crossover-punt te verhogen. Exacte crossover-instellingen voor coaxiale luidsprekers en subwoofers zijn afhankelijk van je luistervoorkeuren.



SPECIFICATIES

	Marine A758	Marine A1504
Uitgangsvermogen @ 4 ohm (14,4V)	75 watt RMS x 8	150 watt RMS x 4
Uitgangsvermogen @ 4 ohm (12,8V)	65 watt RMS x 8	130 watt RMS x 4
Uitgangsvermogen @ 2 ohm (14,4V)	125 watt RMS x 8	225 watt RMS x 4
Uitgangsvermogen @ 2 ohm (12,8V)	100 watt RMS x 8	200 watt RMS x 4
Uitgangsvermogen in overbrugde modus @ 4 ohm (14,4 V)	250 watt RMS x 4	450 watt RMS x 2
Uitgangsvermogen in overbrugde modus @ 4 ohm (12,8 V)	200 watt RMS x 4	400 watt RMS x 2
Frequentierespons	20-20,000 Hz	20-20,000 Hz
Crossover-frequenties	32-320 Hz variabel, 12 dB/octaaf	32-320 Hz variabel, 12 dB/octaaf
Line-level ingangsgevoeligheid	200 mVrms – 5 Vrms	200 mVrms – 5 Vrms
High-level ingangsgevoeligheid	1 – 25 Vrms	1 – 25 Vrms

	Marine A758	Marine A1504
Signaal-ruisverhouding	80 dB	80 dB
THD+N @ nominaal vermogen	1%	1%
Zekering	105 A	105 A
Werkspanning	9 ~ 16VDC	9 ~ 16VDC
Versterker klasse	D	D
Afmetingen (B x H x D)	14-3/16" x 2-1/16" x 7-1/8" (360mm x 51,3mm x 180mm)	14-3/16" x 2-1/16" x 7-1/8" (360mm x 51,3mm x 180mm)
Gewicht	3,7 kg	3,6 kg
Aanbevolen draaddikte (voeding)	4	4
Maximale bedrijfstemperatuur	70°C	70°C
Zekering	105 A	105 A

PROBLEEM OPLOSSEN

Geen geluid en AAN-/UITINDICATOR is uit.

- Geen spanning op aansluitklemmen BATT+ en/of REM of een slechte of geen aardaansluiting. Controleer de spanningen op de aansluitingen van de versterker met VOM.

Geen geluid en de BEVEILIGINGSINDICATOR knippert iedere 4 seconden.

- Gelijkspanning op uitgang van de versterker. Versterker heeft mogelijk onderhoud nodig; zie bijgevoegde garantiekaart voor service-informatie.

Geen geluid en de BEVEILIGING en AAN-/UIT INDICATORS knipperen.

- De spanning op de aansluiting BATT+ bedraagt minder dan 9 V. Controleer het laadsysteem van de boot.

Geen geluid en BEVEILIGINGSINDICATOR is aan.

- Versterker is oververhit. Zorg ervoor dat de koeling van de versterker op de montageplaats niet is geblokkeerd. Controleer of er spanning van meer dan 16 V (of minder dan 8,5 V) op de BATT+ verbinding is. Controleer het laadsysteem van de boot.

Zekering van de versterker blijft doorslaan.

- De bedrading is niet juist aangesloten of er is kortsluiting. Controleer de bedradingsverbindingen.

Vervormd geluid.

- Gain is niet juist ingesteld. Controleer instelling. Controleer draden op kortsluiting of aarding. Versterker of bronapparaat is mogelijk defect.

Vervormd geluid en de BEVEILIGINGSINDICATOR knippert.

- Kortsluiting in de luidspreker of de kabel. Verwijder de luidsprekerkabels één voor één om de kortgesloten luidspreker of kabel te lokaliseren en te repareren.

Muziek mist dynamiek of "pit".

- De luidsprekers zijn niet juist aangesloten. Controleer de luidsprekeraansluitingen op de juiste polariteit.

Motorgeluiden (jankend of klikkend geluid) in het systeem wanneer de motor draait.

- Versterker vangt dynamoruis op. Controleer eerst de aardaansluiting op de versterker - een losse of onjuiste aarde is een van de belangrijkste oorzaken van ruis. Verminder de gain. Verplaats RCA-audiokabels uit de buurt van stroomdraden. Het kan ook nodig zijn om een dynamisfilter op de voedingskabel tussen batterij en dynamo te installeren.



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Safety Instruction and Warranty Card

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Prosimy pobrać kartę gwarancyjną, informacje o bezpieczeństwie oraz inne przydatne informacje z naszej strony internetowej: www.jbl.com/warrantyandsafetybooks

PORTUGUÊS

Descarregue por completo o Cartão de garantia e informações de segurança e outras informações úteis no nosso site: www.jbl.com/warrantyandsafetybooks

PORTUGUÊS (BRASIL)

O Cartão de Garantia, informações de segurança e outras informações úteis estão disponíveis no site www.jbl.com/warrantyandsafetybooks

ROMÂNĂ

Descărcați fișa completă de garanție, informații de siguranță și alte informații de ajutor de pe site-ul web: www.jbl.com/warrantyandsafetybooks

SLOVENŠČINA

Prenesite celoten garancijski list in varnostne informacije ter druge koristne napotke z naše spletne strani: www.jbl.com/warrantyandsafetybooks

SVENSKA

Ladda ner hela garantikortet och säkerhetsinformation och annan användbar information från vår webbplats: www.jbl.com/warrantyandsafetybooks

TÜRKÇE

Komple garanti kartını ve güvenlik bilgilerini ve yardımcı bilgileri websitemizden indirin: www.jbl.com/warrantyandsafetybooks

БЪЛГАРСКИ

Изтеглете пълната гаранционна карта и информация за безопасност и друга полезна информация от нашия уебсайт: www.jbl.com/warrantyandsafetybooks

РУССКИЙ

Загрузите полностью гарантийный талон, информацию по технике безопасности и другую полезную информацию с нашего веб-сайта: www.jbl.com/warrantyandsafetybooks

简体中文

请登陆我公司网站下载完整的保修卡和安全信息及其他有用信息: www.jbl.com/warrantyandsafetybooks

繁體中文

從我們的網站下載完整的保固卡和安
全資訊及其他有用資訊: www.jbl.com/warrantyandsafetybooks

BAHASA INDONESIA

Unduh kartu garansi lengkap serta informasi keamanan dan informasi bermanfaat lainnya dari situs web kami: www.jbl.com/warrantyandsafetybooks

日本語

下記のウェブサイトから保証書、安全情報、その他の役立つ情報をダウンロードしてください: www.jbl.com/warrantyandsafetybooks

한국어

전체 품질보증서와 안전 정보를 비롯해 기타 유용한 정보를 다음 당사 웹사이트에서 다운로드하십시오. www.jbl.com/warrantyandsafetybooks

العربية

قم بتنزيل بطاقة الضمان الكاملة ومعلومات السلامة وغيرها من المعلومات المفيدة من على موقعنا على الإنترنت: www.jbl.com/warrantyandsafetybooks

עברית

ניתן להוריד את הנוסח המלא של תעודת האחריות ומידע בנושא בטיחות, כמו גם מידע שימושי נוסף, מאתר האינטרנט שלנו: www.jbl.com/warrantyandsafetybooks



ENGLISH

IMPORTANT SAFETY INSTRUCTIONS

For all products:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Clean only with a dry cloth.
6. Do not block any ventilation openings. Install this apparatus in accordance with the manufacturer's instructions.
7. Do not install this apparatus near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
10. Use only attachments/accessories specified by the manufacturer.
11. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
14. To disconnect this apparatus from the AC mains completely, disconnect the power-supply cord plug from the AC receptacle.
15. The mains plug of the power-supply cord shall remain readily operable.
16. This apparatus is intended to be used only with the power supply and/or charging cable provided by the manufacturer.



The following instructions may not apply to waterproof devices. Refer to your device user manual or quick start guide for more waterproof instruction if any.

- Do not use this apparatus near water.
- Do not expose this apparatus to dripping or splashing, and ensure that no objects filled with liquids, such as vases, are placed on the apparatus.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION

RISK OF ELECTRIC SHOCK. DO NOT OPEN.



THIS SYMBOL ON THE PRODUCT MEANS THERE IS UNINSULATED, DANGEROUS VOLTAGE WITHIN THE PRODUCT ENCLOSURE THAT MAY PRESENT A RISK OF ELECTRICAL SHOCK.



THIS SYMBOL ON THE PRODUCT MEANS THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THIS GUIDE.

CAUTION FCC AND IC STATEMENT FOR USERS (USA AND CANADA ONLY)

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.

CAN ICES-003(B)/NMB-003(B)

FCC SDOC SUPPLIER'S DECLARATION OF CONFORMITY

HARMAN International hereby declares that this equipment is in compliance with the FCC Part 15 Subpart B.

The declaration of conformity may be consulted in the support section of our Web site, accessible from www.jbl.com

Federal Communication Commission Interference Statement

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.

Caution: Changes or modifications not expressly approved by HARMAN could void the user's authority to operate the equipment.

For Products That Transmit RF Energy:

(i) FCC AND IC INFORMATION FOR USERS

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). 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.

(ii) FCC/IC Radiation Exposure Statement

This equipment complies with FCC and ICED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. In case this equipment has to subject to FCC/IC SAR (Specific Absorption Rate) exposure test, this equipment is designed to meet the requirements for exposure to radio waves established by the FCC and ICED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body or on the head, with no separation. To meet RF exposure guidelines and reduce exposure to RF energy during the operation, this equipment should be positioned at least this distance away from the body or the head.

For radio equipment operates in 5150-5850MHz

FCC and IC Caution:

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage to LE LAN (Licence-Exempt Local Area Network) devices. No configuration controls are provided for this wireless equipment allowing any change in the frequency of operations outside the FCC grant of authorization for US operation according to Part 15.407 of the FCC rules.

IC Caution:

User should also be advised that:

- (i) The device for operation in the band 5150 - 5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; (ii) the maximum antenna gain permitted for devices in the bands 5250 - 5350 MHz and 5470 - 5725 MHz shall comply with the e.i.r.p. limit; and
- (ii) The maximum antenna gain permitted for devices in the band 5725 - 5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

Use Restriction Attention in European Union, operation is limited to indoor use within the band 5150-5350 MHz.

Correct disposal of this product (Waste Electrical & Electronic Equipment)

This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.



This product is RoHS compliant.

This product is in compliance with Directive 2011/65/EU and UK The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012, and its amendments, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

REACH

REACH (Regulation No 1907/2006) addresses the production and use of chemical substances and their potential impacts on human health and the environment. Article 33(1) of REACH Regulation requires suppliers to inform the recipients if an article contains more than 0.1 % (per weight per article) of any substance(s) on the Substances of Very High Concern (SVHC) Candidate List ("REACH candidate list"). This product contains the substance "lead" (CAS-No. 7439-92-1) in a concentration of more than 0.1% per weight.

At the time of release of this product, except for the lead substance, no other substances of REACH candidate list are contained in a concentration of more than 0.1% per weight in this product.

Note: On June 27, 2018, lead was added to the REACH candidate list. The inclusion of lead in the REACH candidate list does not mean that lead-containing materials pose an immediate risk or results in a restriction of permissibility of its use.

For devices with headphone jacks

WARNINGS/CAUTIONS



- Do NOT use the headphones at a high volume for any extended period.
- To avoid hearing damage, use your headphones at a comfortable, moderate volume level.
 - Turn the volume down on your device before placing the headphones on your ears, then turn the volume up gradually until you reach a comfortable listening level.

For Products That Include Batteries

Instructions for Users on Removal, Recycling and Disposal of Used Batteries

To remove the batteries from your equipment or remote control, reverse the procedure described in the owner's manual for inserting batteries. For products with a built-in battery that lasts for the lifetime of the product, removal may not be possible for the user. In this case, recycling or recovery centers handle the dismantling of the product and the removal of the battery. If, for any reason, it becomes necessary to replace such a battery, this procedure must be performed by authorized service centers. In the European Union and other locations, it is illegal to dispose of any battery with household trash. All batteries must be disposed of in an environmentally sound manner. Contact your local waste-management officials for information regarding the environmentally sound collection, recycling and disposal of used batteries.

WARNING: Danger of explosion if battery is incorrectly replaced. To reduce risk of fire, explosion or leakage of flammable liquid/gas, don't disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), sunshine or like, expose to extremely low air pressure or dispose of in fire or water. Replace only with specified batteries. The symbol indicating 'separate collection' for all batteries and accumulators shall be the crossed-out wheeled bin shown below:



WARNING - For Products Contain Coin/Button Cell Batteries

DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD. This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

For All Products with Wireless Operation:

HARMAN International hereby declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and UK Radio Equipment Regulations 2017. The declaration of conformity may be consulted in the support section of our Web site, accessible from www.jbl.com.

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www.jbl.com

ČEŠTINA

DŮLEŽITÉ BEZPEČNOSTNÍ POKYNY

U všech výrobků:

1. Přečtěte si tyto pokyny.
2. Tyto pokyny si uschovejte.
3. Respektujte všechna varování.
4. Postupujte podle všech pokynů.
5. Čistěte pouze suchým hadříkem.
6. Neblokujte žádné větrací otvory. Instalaci spotřebiče provádějte podle pokynů výrobce.
7. Spotřebič neinstalujte v blízkosti zdrojů tepla, jako jsou radiátory, tepelné registry, kamna nebo jiná zařízení (včetně zesilovačů), které produkují teplo.
8. Nemaňte bezpečnostní účel polarizované nebo uzemněné zástrčky. Polarizovaná zástrčka je opatřena dvěma plochými kontakty, kdy jeden je širší než druhý. Uzemňovací zástrčka má dva ploché kontakty a třetí uzemňovací kolík. Pro vaši bezpečnost je k dispozici široký kontakt nebo třetí kolík. Pokud dodaná zástrčka nezapadá do vaší zásuvky, požádejte elektrikáře o výměnu zastaralé zásuvky.
9. Napájecí kabel chraňte před pošlapáním nebo skřípnutím, zejména v okolí zástrček, zásuvek a na místech, kde vystupují ze zařízení.
10. Používejte pouze příslušenství/doplňky určené výrobcem.
11. Používejte pouze vozíky, podstavce, stativy, držáky či stojky doporučené výrobcem nebo prodávané se zařízením. Při používání vozíku buďte opatrní při přemísťování kombinace vozíku/přístroje, abyste zabránili poranění převrácením.
12. Odpojte přístroj během bouře nebo po dlouhé době nečinnosti.
13. Veškeré opravy může provádět pouze kvalifikovaný servis. Pokud byl přístroj jakýmkoli způsobem poškozen, například když je poškozen napájecí kabel nebo zástrčka, došlo k rozliti kapaliny nebo do přístroje spadly předměty, přístroj byl vystaven dešti nebo vlhkosti, nefunguje normálně nebo byl upuštěn, je vyžadována údržba.
14. Chcete-li spotřebič zcela odpojit od sítě, odpojte zástrčku napájecího kabelu ze zásuvky.
15. Síťová zástrčka napájecího kabelu musí zůstat snadno funkční.
16. Spotřebič je určen k použití pouze s napájecím a/nebo nabíjecím kabelem poskytnutým výrobcem.



Následující pokyny se nemusí vztahovat na vodotěsná zařízení. Další případné pokyny ohledně vodotěsnosti najdete v návodu k použití zařízení nebo ve stručné příručce.

- Přístroj nepoužívejte v blízkosti vody.
- Přístroj nevystavujte kapající nebo stříkající vodě a zajistěte, abyste na něj nepokládali žádné předměty naplněné kapalinami, například vázy.

VÝSTRAHA: CHCETE-LI SNÍŽIT RIZIKO POŽÁRU NEBO ÚRAZU ELEKTRICKÝM PROUDEM, NEVYSTAVUJTE SPOTŘEBIČ DEŠTI NEBO VLHKU.

VÝSTRAHA

NEBEZPEČÍ ÚRAZU ELEKTRICKÝM PROUDEM. NEOTEVÍRAT.



TENTO SYMBOL NA VÝROBKU ZNAMENÁ, ŽE UVNITŘ KRYTU VÝROBKU JE NEIZOLOVANÉ NEBEZPEČNÉ NAPĚTÍ, KTERÉ MŮŽE PŘEDSTAVOVAT RIZIKO ÚRAZU ELEKTRICKÝM PROUDEM.



TENTO SYMBOL NA VÝROBKU ZNAMENÁ, ŽE JSOU V TOMTO NÁVODU DŮLEŽITÉ POKYNY O PROVOZU A ÚDRŽBĚ.

UPOZORNĚNÍ A PROHLÁŠENÍ FCC A IC PRO UŽIVATELE (POUZE USA A KANADA)

Toto zařízení vyhovuje části 15 předpisů FCC. Provoz zařízení podléhá následujícím dvěma podmínkám: (1) Toto zařízení nesmí způsobovat škodlivé rušení a (2) toto zařízení musí snést jakékoli vnější rušení, včetně rušení způsobujícího nesprávnou funkci.

CAN ICES-003(B)/NMB-003(B)

PROHLÁŠENÍ O SHODĚ DODAVATELE FCC SDOC

Společnost HARMAN International tímto prohlašuje, že je toto zařízení ve shodě s částí 15, hlavou B předpisů FCC.

Prohlášení o shodě je k dispozici v sekci podpory na našem webu, která je přístupná na adrese www.jbl.com

Prohlášení o rušení federální komise pro spoje

Toto zařízení bylo testováno a shledáno vyhovujícím v souladu s omezeními pro digitální zařízení třídy B podle části 15 předpisů komise FCC. Tato omezení jsou navržena s úmyslem poskytovat rozumnou ochranu před škodlivými vlivy rušení při instalaci v domácnostech. Toto zařízení generuje, používá a může vyzářovat vysokofrekvenční energii a, pokud není instalováno a používáno v souladu s pokyny, může způsobovat škodlivé rušení rádiových komunikací. V žádném případě však není možné zaručit, že v určité konkrétní situaci k rušení



WARRANTY CARD / CARTÃO DE GARANTIA / 제품보증서 / 产品保修卡 / 品質保証書

EN WARRANTY CARD

SET UP INFORMATION & PRODUCT REGISTRATION

Congratulations with the purchase of your new Product. We have done our utmost to make your experience the best one possible. If you have any questions when setting up your Product and would like some helpful hints, we recommend that you visit the relevant country specific support website for your Product: www.jbl.com. There you will also find relevant contact information. If you cannot find the information you are looking for, please contact the vendor that sold the Product to you or contact the relevant JBL customer support center by electronic mail or phone.

We recommend that you register your Product via the relevant country specific website for your Product. Your registration will allow us to inform you about updates for certain products, possible new offers and new Products and/or applications. Registering is easy; just follow the instructions on the relevant country specific website for your Product.

NOTE: THIS LIMITED WARRANTY DOES NOT APPLY TO CONSUMERS IN THE EUROPEAN ECONOMIC AREA (EEA) MEMBER STATES AND THE RUSSIAN FEDERATION AS THEY ARE PROTECTED BY LOCAL CONSUMER LAW AND BENEFIT FROM LOCAL STATUTORY WARRANTIES

LIMITED WARRANTY

WHO IS PROTECTED BY THE WARRANTY

This limited warranty (the "Limited Warranty") protects only the original end-user ("you" or "your"), and is not transferable and is applicable only in the country (excluding EEA member states and the Russian Federation) in which you originally purchased your JBL Product (the "Product"). Any attempt to transfer this warranty shall immediately make this warranty void.

LIMITED WARRANTY

HARMAN International Industries, Incorporated ("HARMAN") is the manufacturer and through its local subsidiary, warrants to you that the Product (including components provided in/with the Product) will be free from defects in workmanship and materials for a period of ONE year from the date of retail purchase by you (the "Warranty Period"). During the Warranty Period, the Product (including components), will be repaired or replaced at HARMAN's option, without charge for either parts or labor OR at HARMAN's sole option, the price of the Product may be refunded, subject to depreciation based on your purchase price for the Product pro-rated over the remaining balance of the Warranty Period. Any warranty service or replacement of parts will not extend the Warranty Period.

This Limited Warranty does not cover defects which are a result of: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting

from failure to follow instructions contained in your owner's manual; (5) damage resulting from the performance of repairs by someone other than an authorized JBL service center; (6) deterioration of component parts, the nature of which is to become worn or depleted with use, such as batteries and headphone ear pads.

Furthermore, this Limited Warranty covers only actual defects within the Product itself, and does not cover the cost of installation or removal from a fixed installation, setup or adjustments, claims based on misrepresentation by the seller, performance variations resulting from installation-related circumstances such as source quality or AC power or Product modifications, any unit on which the serial number has been effaced, modified or removed, or units used for other than home use. This Limited Warranty is valid only for JBL products purchased from an authorized dealer.

Except to the extent expressly prohibited in your jurisdiction by applicable law, all implied warranties, including fitness for a particular purpose and merchantability are hereby excluded and in no event shall HARMAN or any HARMAN subsidiary be liable for any indirect, direct, incidental, special or consequential loss or damages whatsoever (including, without limitation, other pecuniary loss) arising out of the use of or inability to use the Product, even if HARMAN and/or a HARMAN subsidiary have been advised of the possibility of such damages. To any extent that HARMAN cannot lawfully disclaim implied warranties under this Limited Warranty, all such implied warranties are limited in duration to the duration of this warranty. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or exclusions or limitations on the duration of implied warranties or conditions, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary by jurisdiction.

HOW TO OBTAIN WARRANTY SERVICE

Contact the dealer who sold you this Product, or contact JBL customer support using the contact information on the relevant country specific support website for your Product to request warranty service. To validate your right to this Limited Warranty, you must provide the original sales invoice or other proof of ownership and date of purchase. Do not return your Product without prior authorization from the corresponding dealer or HARMAN. Warranty repair of the HARMAN Product must be carried out by an authorized dealer or service center. Unauthorized warranty repair will void the warranty and is performed at your sole risk.

You are also welcome to consult the relevant country specific HARMAN support website for your Product for helpful hints.

WHO PAYS FOR WHAT

This Limited Warranty covers all expenses for labor and materials required for the repair OR replacement of the Product that is found to be defective, and a reasonable return shipping charge within the country of repair. Please be sure to save the original shipping carton(s), because a charge will be made for additional cartons/packaging.

You will be charged for the cost of examining a unit that is not in need of repair (including resulting shipping costs), or for necessary repairs not covered by this Limited Warranty.

We sincerely thank you for your expression of confidence in JBL. We wish you many years of listening pleasure.

HARMAN

HARMAN International Industries, Incorporated
8500 Balboa Boulevard, Northridge, CA 91329 USA
516.255.4545 (USA only)

SSA2020-002_JBL_Non HP_Safety Sheet_(150 x 80mm)_V4