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# **CBL SPEAKER 1a**

Speaker cable

User manual (EN version)



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## INTRODUCTION

For our Hi-Fi devices, we have created a series of high-quality cables that are an integral part of every audio chain and have a significant impact on the music reproduction experience.

For this cable, we use a special alloy of copper, gold and silver in a precisely defined ratio. This ratio was determined through demanding listening tests. Wherever this material is used in the audio chain, it will positively affect the listening experience. The resulting sound could be defined as calm, transparent and structured down to the smallest detail. The insulation consists of Teflon and flexible plasticized PVC. This cable has a solid core, which results in less signal degradation, but reduced flexibility must be taken into account.

For our CBL Speaker 1a, we used high-quality Viborg “banana” connectors. They are made of OFC copper plated with 24-karat gold and silver.

Our products are not mass-produced on a production line. Each original piece is assembled piece by piece by hand. Each electronic component is tested and measured before installation. After assembly, comprehensive functional testing and parameter measurement follow. Finally, each product is tested in our listening room to make sure that everything is as it should be.



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## OPERATING INSTRUCTIONS AND SAFETY WARNINGS

1. Read all operating instructions and safety warnings before using the cable.
2. Keep these operating instructions and safety warnings for future reference.
3. Some parts of this manual are subject to change without prior notice to the user in order to improve product performance. The current version can always be found on our website.
4. The manufacturer reserves the right to make minor changes to the components used and internal wiring without prior notice, as long as these changes do not affect the function, reliability or declared technical parameters of the product. These changes do not affect the statutory rights of the consumer.
5. Do not apply excessive force to the cable, throw it, or hit it with objects.
6. The cable must not be used by children. Keep it out of the reach of children.
7. Use the cable in a temperate climate zone; do not use it in hot or humid conditions. Do not use the cable in an environment with a temperature below 0 °C. Corrosion or other deterioration may occur.
8. Use the cable indoors only.
9. The cable should not be placed near water, such as near a bathtub, swimming pool, kitchen sink, etc. It should also not be exposed to dripping or splashing water or moisture, such as rain. If the cable becomes damp or wet, do not use it.
10. Do not place objects containing liquids (vases, flower pots, etc.) where they can fall on the cable or where liquid can leak onto the cable.
11. Do not use chemical solutions (alcohol, thinner, solvents, etc.) or cleaning agents to clean the cable, which may damage the surface or internal parts of the cable. For routine cleaning, use a clean, soft, dry cloth. Always unplug the cable from the connected device before cleaning it.
12. Make sure that the cable is away from sources of heat and open flames (direct sunlight, electric stove, candle, etc.).
13. Connect and disconnect the cable from the device by grasping the connector and pushing or pulling it with appropriate pressure / pull. Never connect / disconnect the cable by grasping the movable conductor.
14. Never connect / disconnect the cable from the device that is turned on.
15. If your cable is made of a solid type of conductor (this is stated in the technical information), do not bend it frequently in the same place, as it may break and become inoperable.
16. Use the cable exclusively for the purpose for which it is intended. This is stated in the description in this publication.
17. Never use a damaged cable, it could cause damage to the devices to which it is connected, or other material damage. It can also endanger the health and life of people or animals. Always visually inspect the cable before using it.
18. Never short-circuit the connectors with a metal object while the cable is connected.
19. All repairs must be entrusted to qualified service personnel.
20. Do not disassemble, modify or repair the cable yourself. Doing so will put your health and life at risk. If a fault occurs as a result, contact a qualified service center.
21. Use the cable according to the operating instructions and safety warnings and in accordance with the user manual.



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**The manufacturer accepts no liability if these operating instructions and safety warnings are not followed. To avoid electric shock, do not expose the CBL SPEAKER 1a cable to rain, water or moisture!**

## DELIVERY CONTENTS

Transport packaging

2 x cable CBL SPEAKER 1a

## CABLE DESCRIPTION CBL SPEAKER 1a

This is a speaker cable that is used to connect an audio amplifier and speakers. There are connectors at both ends through which the cable is connected to audio devices. This cable is designed to transmit a safe level of electrical audio signal. For proper connection to a Hi-Fi device, read the manual for this device. This cable is non-directional, so it does not matter which connectors are connected on the source side.



## TECHNICAL INFORMATION

Conductor material:	gold, silver and copper alloy
Conductor type:	solid
Conductor cross-section:	3.142 mm <sup>2</sup>
Total cable diameter:	7.5 mm
Insulation:	teflon, flexible plasticized PVC
DC resistance:	6 mOhm/meter
Nominal voltage:	300 V (DC)
Connector:	Viborg
Cable length:	2 m / 2.5 m / 3 m / 3.5 m / other lengths please specify when ordering
Package contents:	2 x cable

## NOTE

At least 60 hours of music playback is required to achieve full audio potential.

## WASTE SEPARATION

Waste Electrical and Electronic Equipment Directive – European Union Regulation 2012/19/EU on the separate collection of waste.

This cable must not be disposed of as unsorted municipal waste. Hand it over to a collection point for the recycling and disposal of waste electrical and electronic equipment. Correct disposal of waste will not cause negative impacts on the environment or human health. You will help to protect the environment.



## WARRANTY CONDITIONS

The warranty period for this cable is 24 months, calculated from the date of purchase. The warranty is only valid if the original proof of purchase and the confirmed warranty certificate can be presented. The warranty covers defects in material and workmanship, but does not apply to improper use contrary to this manual, unauthorized modifications, repairs other than directly at JAK-AUDIO and external causes such as natural events, power supply abnormalities, etc. The manufacturer assumes no liability for damage caused by failure to comply with this instruction manual. Modification or changes to any part of the product by unauthorized persons relieve the manufacturer of any liability beyond the statutory rights of the customer.

## SERVICE

If you encounter a problem that you cannot alleviate or identify, please contact your dealer for further advice.

## EUROPEAN COMMUNITY DIRECTIVES

This product is designed and manufactured in accordance with the applicable laws of the European Community.

