



NEXT audiocom W8 All Weather Full Range Speaker User Manual

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NEXT audiocom W8 All Weather Full Range Speaker



INTRODUCTION

GENERAL DESCRIPTION

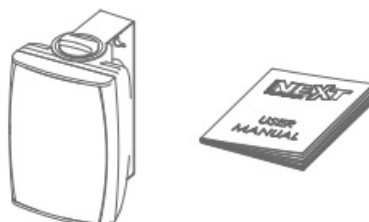
Thank you for purchasing a NEXT Audiocom W8 All-Weather Speaker. This user manual will provide you with useful and important information about your equipment. Please devote some time reading it and keep it at hand for future reference.

ATTENTION! Because of the continuous evolution of techniques and standards, NEXT Audiocom reserves the right to change the specifications of its products without warning. For the most updated version of this manual and general information about this and other products, please visit our website www.nextaudiocom.com.

UNPACKING

NEXT Audiocom's products are built under strict quality guidelines and supervision, according to the highest standards. When unpacking your product, carefully examine it for any signs of possible transit damage and inform your dealer immediately if any such damage has occurred. It is suggested that you retain the original packaging so that the product can be repacked in the future when necessary. Please note that NEXT Audiocom and its authorized distributors cannot accept any responsibility for damage to any returned product using non-approved packaging.

PACKAGING CONTENTS:



- 2 x NEXT Audiocom W8
- 2 x U-Bracket
- User Manual

SAFETY FIRST

Please take some time to review the following statements concerning safe use of your NEXT Audiocom W8

speaker.

- Read these instructions
- Keep these instructions
- Heed all warnings
- Follow all instructions
- Use the equipment only for its intended purpose as instructed in this manual
- Before installing onto the wall, check the structure for weight bearing capability
- Before installing, observe the applicable safety regulations for your country
- Always check if the equipment is installed securely and will not fall
- Never install close to ignition or heat sources such as radiators, ovens or any other apparatus that produce heat • Do not open or try to service the equipment. It may only be repaired by authorized, qualified personnel
- Clean the equipment using only a clean dry cloth
- Do not operate the unit for an extended period with the sound distorting

WARNING:

Suspending or mounting objects onto walls is potentially dangerous and should only be attempted by individuals who have knowledge of the techniques and regulations of suspending objects overhead. It is the responsibility of the installer to ensure all loudspeakers are safely installed in accordance with all applicable regulations.

CAUTION: Never remove the cover, because otherwise there may be a risk of electric shock. There are no user-serviceable parts inside. Have repairs carried out only by qualified service personnel.

The lightning flash with the arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.

The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions.

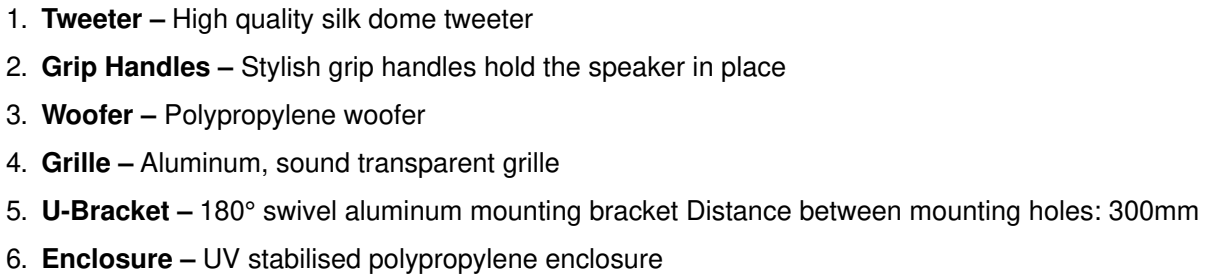
CAUTION:

This equipment is intended for professional use. Therefore, commercial use of this equipment is subject to the respective applicable national accident prevention rules and regulations. As a manufacturer, NEXT Audiocom is obligated to notify you formally about the existence of potential health risks. Hearing damage due to high volume and prolonged exposure: When in use, this product is capable of producing high sound-pressure levels (SPL) that can lead to irreversible hearing damage in performers, employees, and audience members. For this reason, avoid prolonged exposure to volumes in excess of 90dB.

GETTING STARTED

W8 OVERVIEW

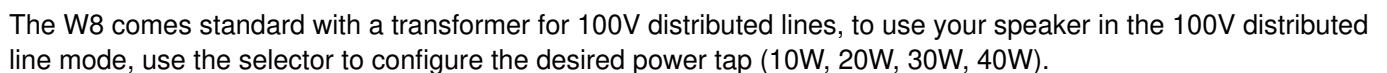
The W8 All-Weather Wall Speaker delivers a rich and full sound experience through advanced acoustic design, ideal to use in homes, gyms, office areas, schools, restaurants and more.

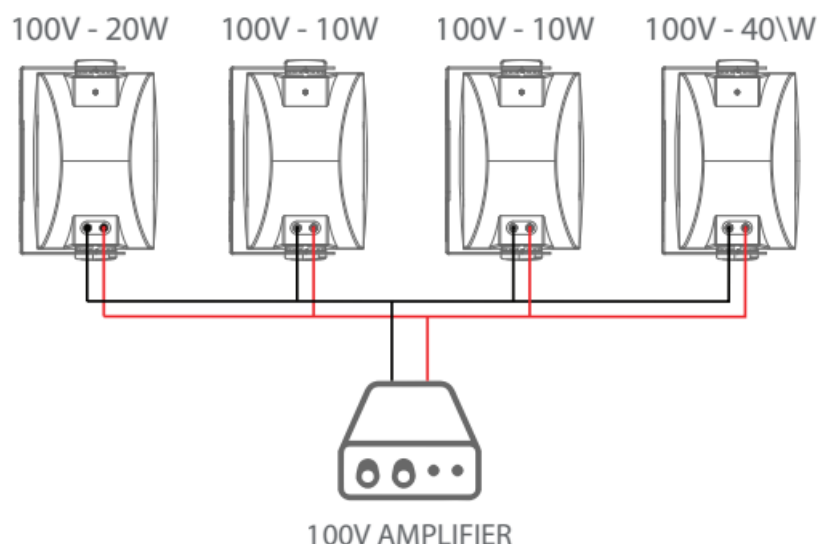


The diagram illustrates the battery compartment on the back of the device. A circular inset provides a detailed view of the battery label, which includes the following information:

- Brand:** NEX
- Model:** WL
- Capacity:** 2000mAh
- Voltage:** 1.2V
- Current:** 0.1A
- CE Marking:** CE
- Serial Number:** SN: [Redacted]

The selector switch is used to determine which mode of operation and/or the transformer power tap. When 8Ω mode is selected be sure to follow the amplifier's specifications in relation to the minimum allowed impedance. Most amplifiers allow for a minimum 4Ω impedance which corresponds to two W8 speakers connected in parallel.





100V LINE INSTALL REQUIREMENTS

100V POWER AMPLIFIER REQUIREMENTS

Make sure you have a powerful enough amplifier for your setup of W8 loudspeakers. It must have at least the total sum of power values chosen on your W8 as power tap. Applying the 20% headroom rule, in this case, is the ideal scenario. Considering the example above, you will need at least $(40+10+10+20) \times 1.2 = 96W$ of amplifier power.

100V LINE SPEAKER CABLE REQUIREMENTS

On the table below you can find the maximum distance a cable can deliver the amplifier full power.

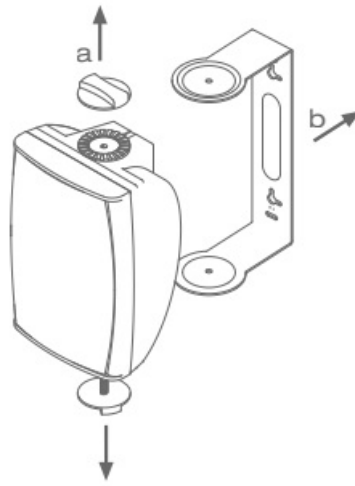
| Power/Section | 0.75mm ² | 1mm ² | 1.5mm ² | 2.5mm ² |
|---------------|---------------------|------------------|--------------------|--------------------|
| 30W | 800m | 1066m | 1600m | 2666m |
| 60W | 400m | 533m | 800m | 1333m |
| 120W | 200m | 266m | 400m | 666m |
| 240W | 100m | 133m | 200m | 333m |

INSTALLATION INSTRUCTIONS

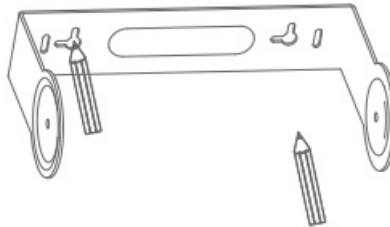
GENERAL CONSIDERATIONS

Before installing the W8 there are some details that need attention:

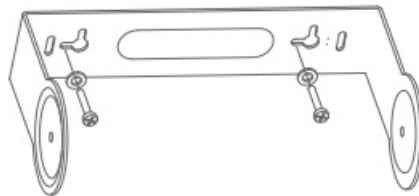
- It is a speaker and needs wiring to operate. We recommend that you determine a suitable location for the installation and complete all wiring before installing.
 - The W8 can be installed on vertical walls and in ceilings if the chosen structure can withstand the weight long term.
 - Use only adequate screws and anchors (not included) for the surface you are installing to.
 - Fixing objects to walls or ceilings can be dangerous and pose a risk to persons and equipment if not carried out correctly. It should be done only by individuals with knowledge of structural systems and regulations.
1. Disassemble the U-bracket from the W8 by unscrewing both knob grips (a) and pushing the bracket outwards (b).



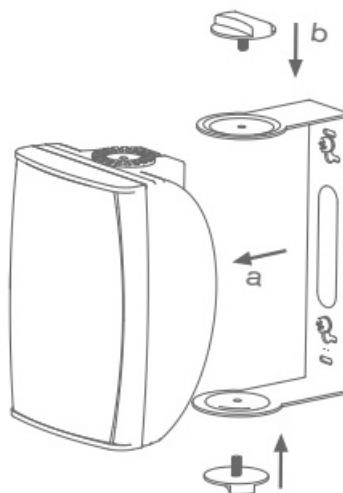
2. Using the U-bracket and a pencil, mark the hole spots for drilling in the desired position (30cm apart). Keep in mind the U-bracket only allows the W8 to rotate. Position in a way that allows you to steer the W8 later for the desired coverage.



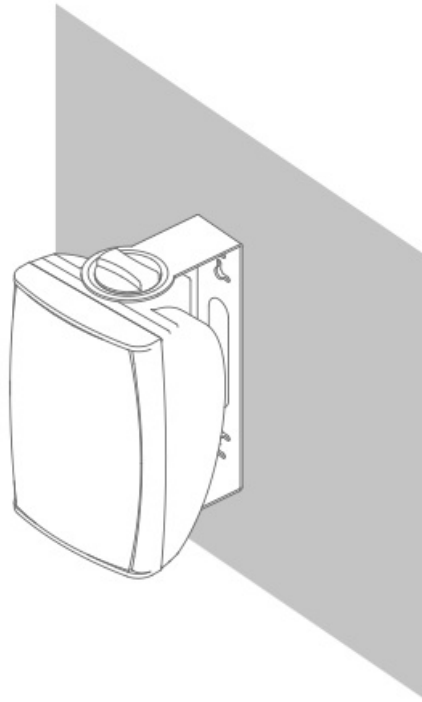
3. Mount the U-bracket on the wall using the correct screws and anchors for the surface in question (not included).



4. Reassemble the W8 with the U-bracket reversing the process done on step 1. Do not completely tight the knob grips.



5. Select the power taps (8Ω or 100V), connect the cables on the speaker, aim it to the desired location and tight the knob grips.



TROUBLESHOOTING

Problem: No sound coming from W8

Action to Solution:

- Check volume levels on the amplifier and signal sources and the connections between them. If your amplifier has signal detection or measuring visuals, test if it is reacting to the signal source. If everything seems to be ok, connect another speaker known to be working to the amplifier. If it works, the wiring to the W8 may have problems.
- Check that you have the correct pair of wires connected to the speakers you are trying to work with. Look for signs of damage if possible and check that the wires are correctly mounted on the connector and the connector is correctly inserted on the W8.

Problem: Little to no Bass

Action to Solution:

- This happens most of the times when two or more speakers near each other (or even in the same room), are wired out of polarity. In this case low frequencies will cancel each other acoustically. Check that the “+” or red marked amplifier terminal is connected to the red terminal on the W8 (look at the connections section) and the “-“ or black marked amplifier terminal is connected to the negative terminal of the W8.

Problem: Intermittent output

Action to Solution:

- Most probably is a faulty connection. Check the amplifier terminals and the W8 terminals are tight. Also check the signal cables from the source to the amplifier.

Problem: Buzzing, hissing or humming

Action to Solution:

- If there is noise and no program material is playing, check your entire signal chain for the bad component. It can also be a matter of poor grounding or a ground loop. Check and correct the system grounding

WARRANTY POLICY

NEXT Audiocom products are warranted, by NEXT Audiocom, against manufacturing defects in materials or craftsmanship over a period of 2 years counting from the date of original purchase for final costumer. The original receipt of purchase is mandatory for warranty validation purposes, and the product must have been bought from a NEXT Audiocom authorized dealer. The warranty can be transferred to a subsequent owner during the warranty period, however, this cannot extend the warranty period beyond the original warranty period of two years from the original date of purchase stated on the NEXT Audiocom's invoice. During the warranty period NEXT Audiocom will, at its own discretion, either repair or replace a product which prove to be defective provided that the product is returned in its original packaging, shipping prepaid, to an authorized NEXT Audiocom service agent or distributor. NEXT Audiocom cannot be held responsible for defects caused by unauthorized modifications, improper use, negligence, exposure to inclement weather conditions, act of God or accident, or any use of this product that is not in accordance with the instructions provided by this manual and/or NEXT Audiocom. NEXT Audiocom is not liable for consequential damages. This warranty is exclusive, and no other warranty is expressed or implied. This warranty does not affect your statutory rights.

CORRECT DISPOSAL

When the W8 is to be definitively discarded, take the product to a local recycling plant for disposal which is not harmful to the environment. This equipment should not be treated as general household waste. Devices marked with this symbol must not be disposed of as household waste. For more information, please contact your retailer or local authorities.

TECHNICAL SPECIFICATIONS

- **Product Type:** 2-Way All-Weather Full-Range Speaker (8Ω/100V)
- **Frequency Response (-6dB):** 60Hz – 20kHz
- **Nominal Coverage:** 90° H x 90° V
- **RMS Power:** 60W
- **Program Power:** 120W
- **Nominal Impedance:** 8Ω
- **Sensitivity (1W, 1m):** 94dB
- **Maximum SPL (Calculated):** 114.8dB
- **100V Transformer Taps:** 10W, 20W, 30W, 40W
- **LF Driver:** 8" Polypropylene Cone Woofer
- **HF Driver:** 1" Silk Dome Tweeter
- **Input connectors:** Binding Posts
- **Cabinet Material:** UV Stabilised High Grade Polypropylene
- **Dimensions (WxHxD)mm:** 250x410x260(W8) – w/ U-Bracket: 250x410x290mm
- **Net Weight:** 5.8kg (12.7lb) U-Bracket Included
- **Shipping Weight:** 15kg (33.07lb) – 2pcs

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[facebook.com/nextaudiocom](https://www.facebook.com/nextaudiocom)

Documents / Resources

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|---|---|
|  | <p>NEXT audiocom W8 All Weather Full Range Speaker [pdf] User Manual</p> <p>ACP01945, W8, All Weather Full Range Speaker, W8 All Weather Full Range Speaker, Full Range Speaker, Range Speaker, Speaker</p> |
|---|---|

References

-  [Homepage | NEXT Audiogroup](#)