



AUDIBAX Horn 10T Unidirectional Exponential Speaker User Manual

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USER'S MANUAL
MANUAL DE USUARIO



HORN 10T / HORN 20T
Unidirectional Exponential Speaker 100V Line

DATA SHEET

Brand	Audibax	Audibax
Product Name	Horn 10T	Horn 20T
ID	1E+07	10223785
EAN	7.4E+12	7.43E+12
Category	Audio Installation speakers	Audio Installation speakers
Color	White	White
Speaker type	Exponential	Exponential
Mounting	Wall	Wall
Woofer size	5"	6.5"
Maximum power	10W	20W
Impedance	8 ohm	8 ohm
100V transformer	Yes	Yes
Power 100V	2.5/5/10W	20/10/5W
Chassis diameter	13.8cm	17cm

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WELCOME TO AUDIBAX

Thank you very much for choosing Audibax. We hope you enjoy your new product.

It has been developed and designed paying attention to the smallest details, with quality control with European standards supervised by our great team of professional technicians, who work every day to offer our customers the best quality.

We make sure that every Audibax product is built to last long. All our references are made with long lasting materials and our specialists are dedicated to constantly doing quality controls to guarantee the best result. Please read carefully this manual in order to use your Audibax product in the best way.

Do not hesitate to visit our website for further information: www.audibax.com

SAFETY INSTRUCTIONS

GENERAL INFORMATION

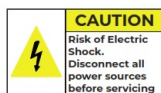
- It is important to read and follow the instructions carefully.
- Keep all information and instructions in a secure location.
- Always follow the instructions provided.

- Take note of all safety warnings and never remove them from the equipment.
- Use the equipment only as intended and for its intended purpose.
- Ensure that the stands and/or mounts used are sufficiently stable and compatible for fixed installations. Wall mounts should be properly installed and secured, and the equipment should be installed securely to prevent falls.
- When installing the equipment, be sure to observe the relevant safety regulations in your country.
- Do not install or operate the equipment near sources of heat, such as radiators, heat registers, or ovens, and ensure that it is always cooled sufficiently and cannot overheat.
- Do not place sources of ignition, such as burning candles, on the equipment.
- Keep ventilation slits unobstructed.
- For equipment designed for indoor use only should not be used near water, flammable materials, fluids, or gases. Special outdoor equipment should be used in accordance with the manufacturer's instructions.
- Ensure that no dripping or splashed water can enter the equipment and do not place containers filled with liquids on the equipment.
- Prevent objects from falling into the equipment.
- Use the equipment only with recommended accessories intended by the manufacturer.
- Do not attempt to open or modify the equipment.
- Check all cables after connecting the equipment to prevent accidents or damage due to tripping hazards.
- During transport, take steps to prevent the equipment from falling and causing damage or injury.
- If the equipment is not functioning properly, fluids or objects have gotten inside, or is otherwise damaged, switch it off immediately and unplug it from the power outlet (if applicable). Only authorized, qualified personnel should repair the equipment.
- Clean the equipment with a dry cloth.
- Comply with all applicable disposal laws and separate plastic and paper/cardboard during packaging disposal.
- Keep plastic bags out of the reach of children.

FOR DEVICES DESIGNED TO BE CONNECTED TO THE MAIN POWER SUPPLY:

- **ATTENTION:** If your equipment has a power cord with a grounding plug, it must be connected to a wall outlet with a ground connection. Never remove the grounding plug from the power cord.
- If your equipment has been exposed to extreme temperature changes, allow it to reach room temperature before turning it on. Otherwise, moisture and condensation may damage the equipment.
- Before plugging in the equipment, make sure that the voltage and frequency of the power outlet match the specifications of the equipment. If the equipment has a voltage selector, only connect it to the power outlet if the values match. If the power cord or adapter does not fit your outlet, contact an electrician.
- Do not step on the power cord. Make sure it is not pinched at the outlet, adapter, or equipment connection.
- Keep the power cord or adapter within reach and disconnect the equipment from the power supply when not in use or when cleaning it. Always unplug the cord or adapter by pulling the plug or adapter, not the cord. Never touch the cord or adapter with wet hands.
- Avoid frequently turning the equipment on and off, as this can reduce its useful life.
- **IMPORTANT:** Only replace fuses with those of the same type and rating. If a fuse repeatedly blows, contact an authorized service center.
- To completely disconnect the equipment from the power mains, unplug the power cord or adapter from the outlet.
- If your device has a Volex power connector, the mating Volex connector must be unlocked before it can be removed. Be careful when laying cables, as the equipment can slide or fall if the power cord is pulled.
- Unplug the power cord or adapter before an extended period of disuse or in case of lightning strike risk.
- Only install the equipment when it is disconnected from the power source.
- To prevent damage and overheating, qualified personnel should regularly clean and service the equipment depending on ambient conditions like dust, nicotine, and fog.

If the product contains the following symbols, please, read carefully:



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). There are no user serviceable parts inside. Maintenance and repairs should be exclusively carried out by qualified service personnel.



The warning triangle with lightning symbol indicates dangerous uninsulated voltage inside the unit, which may cause an electrical shock.



The warning triangle with exclamation mark indicates important operating and maintenance instructions.

IMPORTANT INFORMATION

CAUTION! HIGH VOLUMES IN AUDIO PRODUCTS!

This equipment is designed for professional purposes and its commercial use must comply with the applicable national rules and regulations for accident prevention.

As the manufacturer of this product, Audibax has the responsibility to inform you about the potential health risks associated with its use. One such risk is hearing damage caused by prolonged exposure to high volume.

When this product is in use, it can generate high sound-pressure levels that may cause irreversible hearing damage to performers, employees, and audience members.

To prevent this, it is important to avoid exposing yourself or others to volumes exceeding 90 dB for an extended period of time.

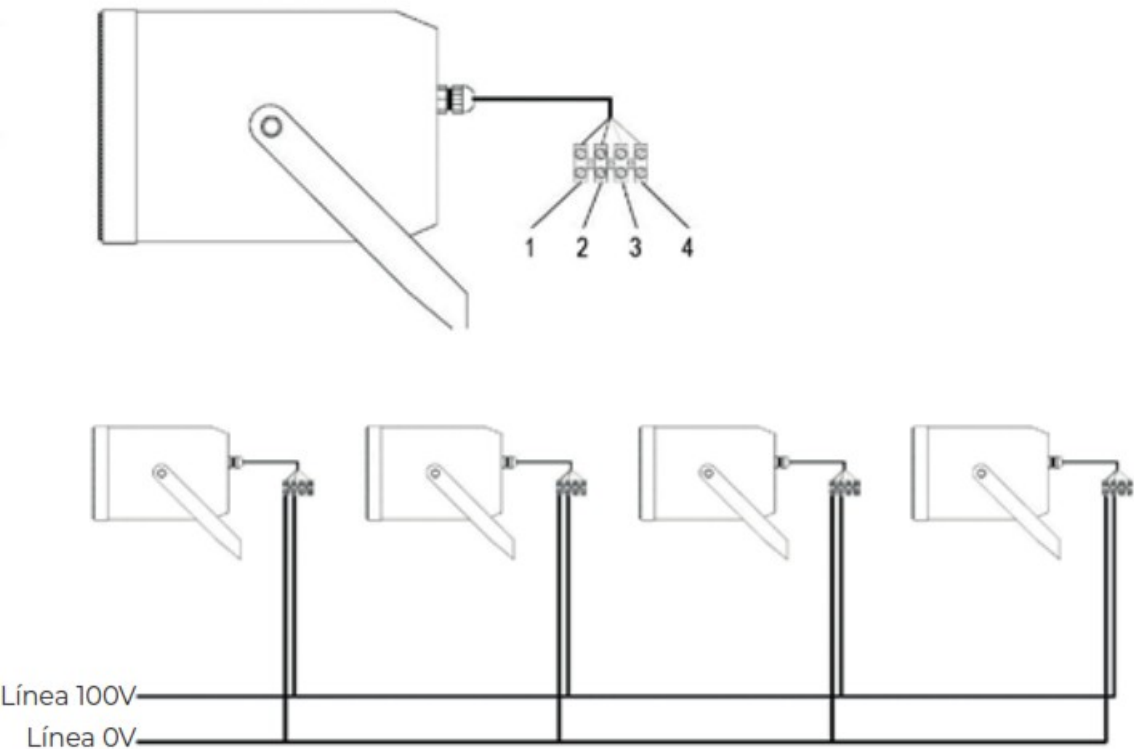
PACKAGE CONTENT

- 1 x Horn 10T or Horn 20T
- 1 x User’s manual

PRODUCT DESCRIPTION

MODEL	HORN 10T	HORN 20T
Speaker Type	Exponential Speaker	
Power Max	100W (100V)	200W (100V)
Selectable Power	10-5-2.5W (100V)	20-10-5W (100V)
Frequency Range	130Hz-17KHz	100Hz-17KHz
SPL(@1W/1m)	90dB	92dB
Transducer	5"	6,5"
Impedance	100V	

BASIC CONNECTIONS



CONNECTIONS

First of all, check the specifications of the amplifier if it is suitable for your speaker boxes.

Pay particular attention to the power rating and impedance. Check if the amplifier is switched off. If yes, you can connect the speaker. PLEASE NOTE! Watch the polarity (+/—). wires of the same color must be connect to the same sign of every side i.e. the + of the amplifier must be connected to the + of the speaker box. If the connections are inverted, the sound quality will diminish. Only use high quality speaker cables that are suitable for the power and distance between the amplifier and the speaker.

Connection of several speakers is connected in parallel the impedance will change from 8 ohms to 4 ohms. Check if the amplifier can handle this. If more that two speakers are connected in parallel, the impedance will go below 4 ohms. Most of the amplifiers can't handle this!

Note: – The speaker works at 8 ohms once it comes out of the transformer

– THE SPEAKER DOES NOT WORK IN LOW IMPEDANCE (8 OMH). ONLY WORKS ON 100V LINE.

Color code:

– White	Ground	100V
– Green	10V	100V
– Red	5V	100V
– Black	2,5V	100V

DO NOT POWER IN LOW IMPEDANCE, SOLELY AND EXCLUSIVELY FOR 100V LINE DISPOSAL

Packaging:

1. The packaging can be recycled using standard disposal methods and reintroduced into the reusable material cycle.
2. Please follow the laws and regulations regarding disposal and recycling of packaging in your country.

Device:



1. This device is subject to the Waste Electrical and Electronic Equipment (WEEE) Directive of the European Union. Used appliances should not be disposed of with household waste.

Used device must be disposed of through an approved disposal company or a municipal disposal facility.



- Please comply with the applicable regulations in your country.
2. Please follow all the disposal laws and regulations in your country.
3. As a customer, you can obtain information on environmentally-friendly disposal options from the product seller or the appropriate regional authorities.

www.audibax.com

Documents / Resources



[AUDIBAX Horn 10T Unidirectional Exponential Speaker](#) [pdf] User Manual
10223784, 10223785, Horn 10T, Horn 20T, Horn 10T Unidirectional Exponential Speaker, Unidirectional Exponential Speaker, Exponential Speaker, Speaker

References

-  [Audibax, Sound Experts](#)

Manuals+,