



ENGLISH

HM50
2way Music Horn

OWNER'S MANUAL
Version 1.2 Winter, 2019



PRODUCT DESCRIPTION

Thank you for choosing Noxaudio Music horn. Please spend time to read and review this owner manual for the detailed descriptions and diagrams to familiarize yourself with the product.

Noxaudio's 2way music horn offer uncompromised audio performance for architecture installations for outdoor used, it was designed for background music, serving the quality of music as well as the intelligibility of speech. The horn are built using a 1" Fabric Tweeter and a Polypropylene Woofer. The speaker is built from high quality moulded ABS and equipped with metal hanging. Screw mounted hanging is provided. Easy installation is achievable through the mounting of the screws by hanging to the wall or ceiling. The angle of the horn can be tuned by the untightening and tightening of the screws on the hanger.

The speaker power level is preset at 100V with the input connector at the back of the speaker, For the detail connection, please refer to the page 6 - "Speaker Connection".

IMPORTANT

Please read this manual carefully and Save it for future reference. Follow all warnings and instructions marked on the product.

Handle the product with care and do not place it on an unstable cart, stand or table. The product may fall, causing serious damage to the product or individuals handling it.

Never use damp or spill liquid of any kind on the product and clean it only with a dry cloth.

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

If the product does not operate normally when the instructions are followed or the product has been dropped or damaged or the product exhibits a distinct change in performance, please refer it to an authorized service center.

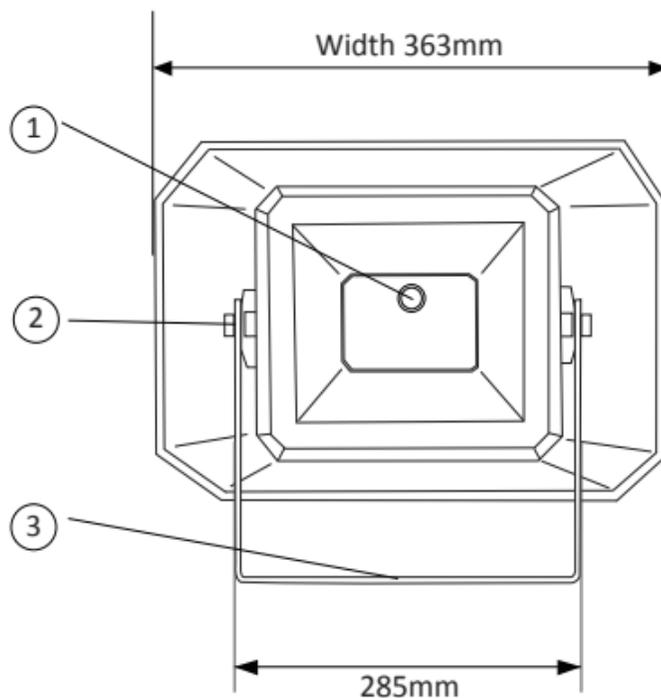
Use the necessary care to avoid hearing damage when using the product at close distance and high sound pressure levels, if so, please use an adequate hearing protection.

Connect the speaker either as low impedance or voltage line connection. Never mix connections or insert more than one amplifier into the input of the speaker and also do not use multi tap connection in one speaker.

To obtain the best performance, positioning of the speaker correctly. Refer to professional acoustics installer.

Rear Drawing:

1. Input cable
2. Screw for adjusting the angle of horn
3. Adjustable hanger



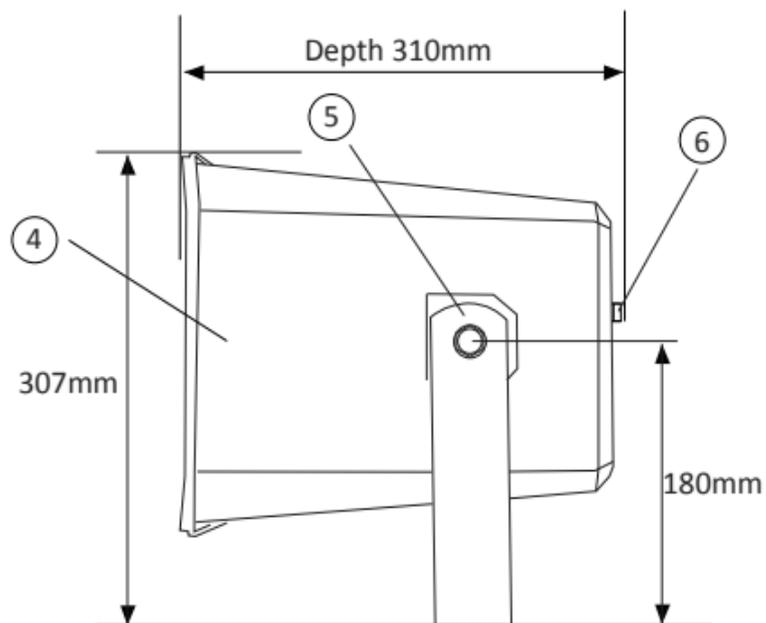
PRODUCT DIAGRAMS

Side Drawing:

4. Horn body

5. Screw for adjusting the angle of the horn

6. Input cable



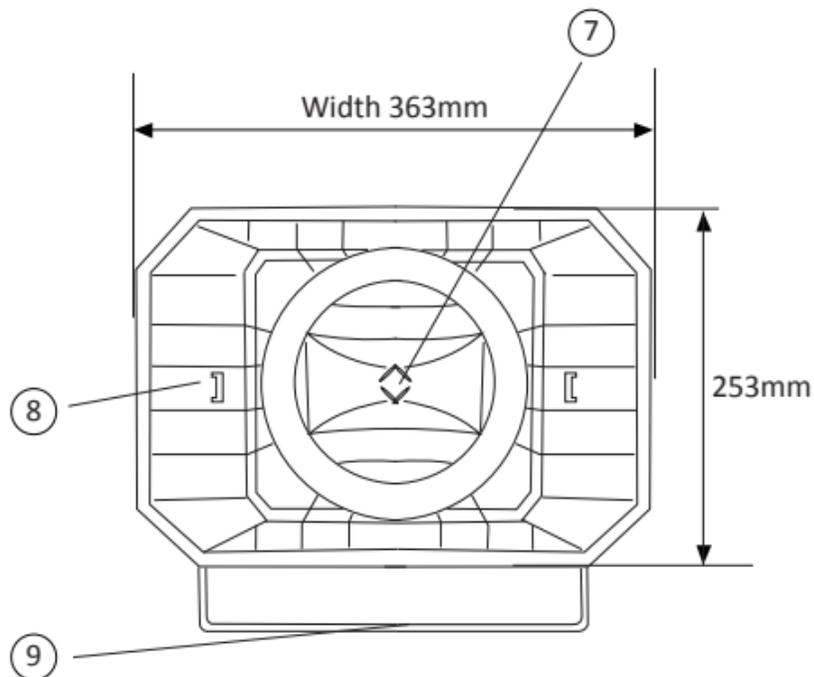
PRODUCT DIAGRAMS

Front Drawing:

7. Tweeter

8. Horn body

9. hanger assembly (3 nos.
of M10 hole preset for
mounting)



SPEAKER CONNECTION

All wiring should be done prior to installation and then plugged into the rear of the speaker. Wiring the input (+) positive to the cable connector (+) in white. And the input (-) negative to the cable connector (-) in black. Please refer to the picture.

Keep the same polarity terminals wired together to ensure correct speaker polarity. In order to provide the best possible sound, all speakers in a system need to be pushing out and pulling in at the same time (same phase), therefore all speakers must be wired with the same polarity.

If the connections to one speaker in a system are reversed from the others, that speaker's movement will be out of phase with the other speakers. This results in a loss of low frequency response and will affect the overall performance of the system.



Cable connection

INSTALLATION

Position the speaker in the right place on the wall or ceiling. There are three number of M10 holes on the mounting hanger which can be used to mount the body onto the surface. For surfaces such as wood or board, you can use wood screws or framing screws for the fastening. For concrete structure, a pre-drilled hole on the wall has to be done and anchor bolts are used for installation. After fixing the unit onto the surface successfully, you can loosen and tighten the screws at the each sides of the unit to adjust the required angle of projection for the speaker. Connect the signal cable with the right polarity and protect the cable by electrical insulating tape.

PAINTING THE SPEAKER

Noxaudio ceiling speakers can be painted to match any interior colour scheme. Before painting, remove the grill and cover the speaker panel with a shield. Use a good quality spray paint to paint the baffle ring and grill. Make sure there is no excess paint for the grill that will block the perforations which will affect the sound quality of the speaker.

WARRANTY

NOX Audio products are protected by 1yr warranty from factory faults, the buyer must keep the original purchase invoice with the model number, serial number and date of purchase from the authorized dealer of NOX Audio to enjoy the warranty. To obtain the warranty service, the buyer should contact the local NOX Audio dealer with the description of problem on the product and provide the invoice and serial number of the product. Any repair service for defects after the warranty period will be charged according to local dealer's service and parts charges. If the products are modified or adapted in order to comply with some safety standards in a national or local level in any country which is not the product that was originally developed and manufactured by NOX Audio ,the status will not be considered a factory fault. Free inspection and maintenance/repair work are excluded from this warranty, in particular, if caused by improper handling of product by user and normal wear and tear.

Damage/defects caused by the following conditions will not be covered by this warranty:

- Improper handling, neglect or failure to operate the unit in compliance with the owner's manual provided with the products.
- Connection or operation of the product in any way that is not complying with the technical or safety regulations in the country where it is used.
- Damage/defects caused by force majeure or any of the conditions that is beyond the control of NOX Audio.
- Any repair or opening of the unit carried out by unauthorized personnel including the user will void this warranty.

If the defected product inspected by the local dealer shows the defect in question is not covered by this warranty, the repair and inspection cost will be payable by the buyer. The warranty does not exclude or limit the buyer's statutory rights provided by law in the country where it is used since the law in different countries for warranty regulations are different. For more details of this warranty, please contact your local dealer.

SPECIFICATIONS	HM50
Frequency Response	90Hz - 20kHz
Impedance	100V
Sensitivity (1W@1m)	99dB
Power Tapping (in Watts)	50W
Input Terminals	Cable connection
Woofer Type	6" Polypropylene Cone
Tweeter Type	1" Fabric Tweeter
Coverage Angle	
Hanger Height	180mm
Height with hanger	307mm
Dimensions (H x W x D)	220mm x 253mm x 310mm
Net Weight	3.9kgs
Baffle Ring/ Grill color	Off-White

MEMO

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