

XN Series - XN 15M User Manual

Rev 1.0.7

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SKU Number: XN15M - SPKR - 0000 - 7698

Tech Support : support@atomikaudio.com

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WARNINGS! IMPORTANT SAFETY INSTRUCTIONS

Thank you for your confidence in purchasing the Atomik XN series of sound systems.

Please read the owner's/installation manual carefully to ensure optimum performance of the sound system as intended by the designer.

Please ensure use of the XN series of loudspeakers with their dedicated DSP presets to achieve their optimum best.

Atomik will not be responsible for damage caused by improper use or modifications to this product.

Atomik will not be responsible for damage caused by improper installation or optimization of this product.

Clean only with dry cloth.

Keep this product away from moisture and water.

Do not expose this product to direct rain.

Do not expose this product to direct sunlight.

Keep this product away from Hard Drives/Hard Disks.

Do not install near any heat sources such as radiators, stoves, or other heat-producing apparatus.

Use only accessories specified/supplied by Atomik.

Refer all servicing to qualified service personnel.

No user serviceable parts inside.

DANGER!
HIGH SPL MAY CAUSE HEARING DAMAGE

CAUTION!
RISK OF ELECTRICAL SHOCK DO NOT OPEN

XN SERIES - OVERVIEW

Introduction

The XN Series is a set of full range, point-source loudspeakers and powerful subwoofers.

Our XN Series speakers are well-known for their versatility and high-resolution sound.

They are the top choice for professionals in live performances, audio rental services, nightclub installations, pubs, bars, cafes and lounges.

The XN Series delivers clear and detailed sound even at very high volumes, which is rare in the pro audio world. They keep the sound quality intact, ensuring every detail is heard. This makes them essential for any place where sound quality is important.

SKU Number: XN15M-SPKR-0000-7698

Description

The Atomik XN15M is a 2-way passive full-range wedge monitor, designed for live performances. It delivers extreme high SPL and high resolution, so much that this enclosure can be easily substituted for a main PA applications. A gutsy low end makes it a very wanted monitor among the DJ community.

Features

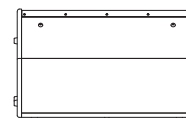
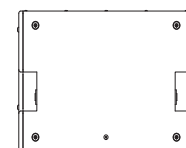
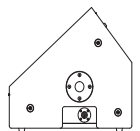
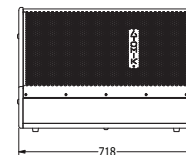
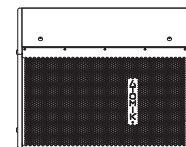
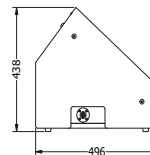
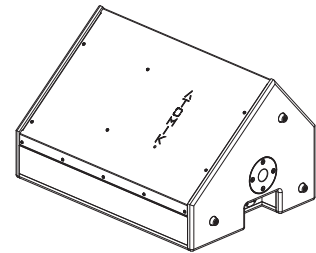
- Very high SPL output.
- Exceptional fidelity & high resolution loudspeaker system.
- Built-in passive crossover.
- Speakon connectors on the sides of the enclosure ensures the cables/connectors are not visible by the audience.
- Top hat for sub woofer mounting for Main PA applications.
- Easily compatible with the XN 18.0.2 Sub Woofer.
- The passive crossover can be easily accessed for repair and maintenance from the outside without having to remove the grill/drivers etc.
- Heavy duty 16mm marine plywood enclosure.
- 2mm thick steel grill with an acoustic micro-foam backing.
- 5 x M10 rigging points for easy flying.

Technical specifications

- HF Driver - 1.4" HF ferrite compression driver with a 51.6 mm voice coil and titanium diaphragm.
- LF Driver - 15" LF ferrite driver with a 100 mm voice coil.
- HF Horn - 60 x 40 degree nominal coverage pattern, rotatable HF horn.
- Enclosure - Ported
- Axial Sensitivity - 95.5dB @ 1w/1m
- Maximum SPL - 129.7 dB Peak SPL (Measured - AES75-2022 M-Noise)
133.7 dB Peak SPL inf (Measured - AES75-2022 M-Noise)
129.7 dB SPL peak, 133.7 dB SPL peak inf (Unweighted)
129.0 dB SPL peak, 132.8 dB SPL peak inf (A weighted)
128.7 dB SPL peak, 132.5 dB SPL peak inf (C weighted)
- Power - Max 1200 watts long term continuous / Peak 2400 watts
- Nominal Impedance - 8 ohms passive
- Frequency Response - -3dB 50Hz to 18kHz
- Dimensions in mm & in WxHxD - 706mm x 432mm x 496mm, 28" x 17" x 19.5"
- Weight - 45kgs / 99lbs

Accessories

- Mounting Pole

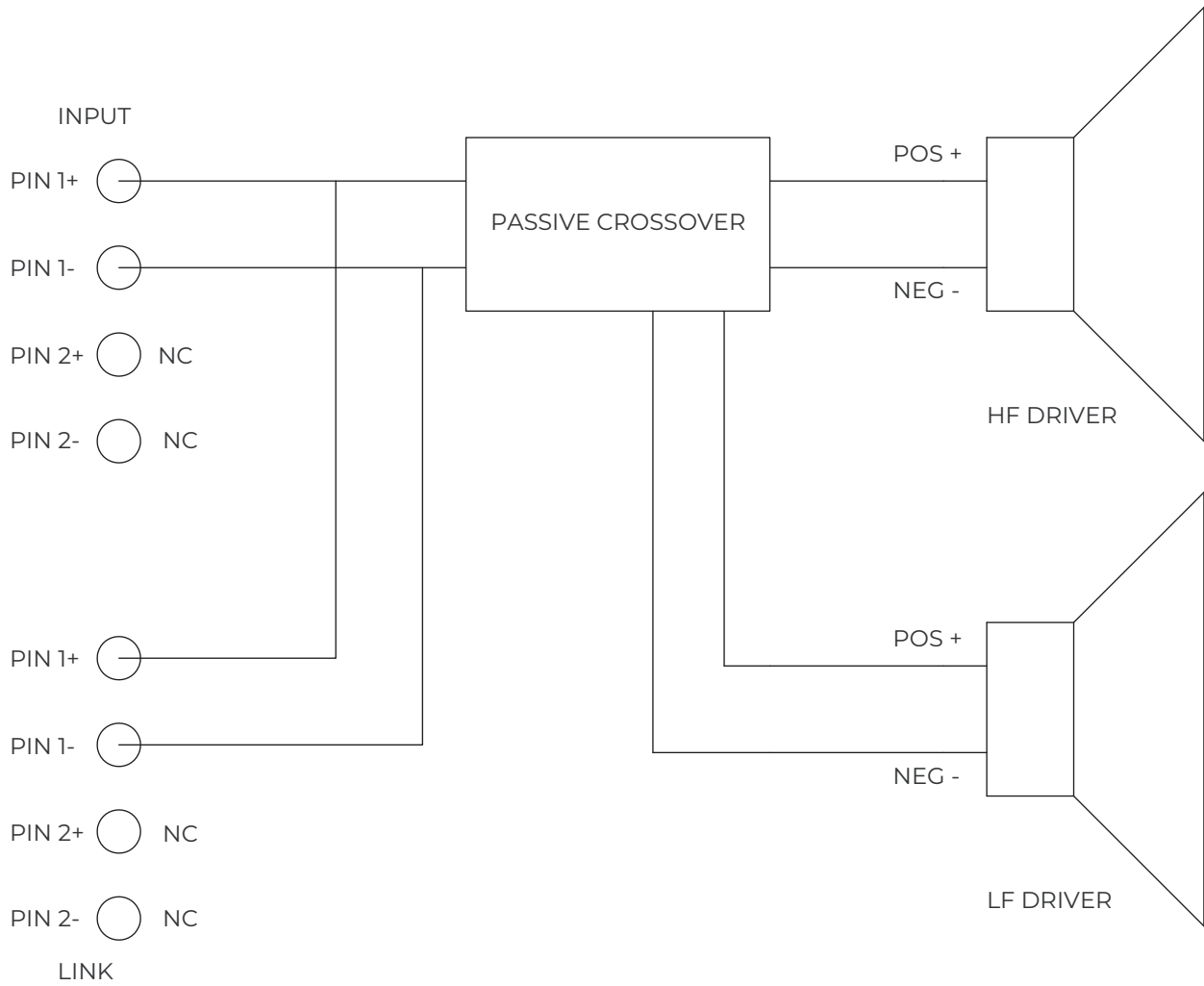


Dimensions in mm

Applications

- Rental
- HOW
- Nightclubs & Discotheques
- Bars & Restaurants
- Live Performances
- Auditoriums

INTERNAL WIRING SCHEMATIC



*NC - NOT CONNECTED

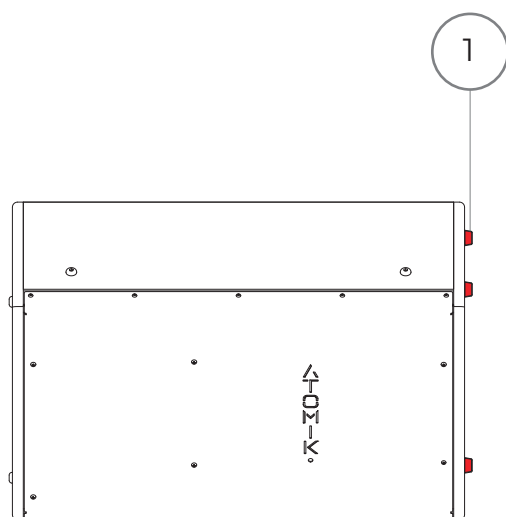
VISUAL IDENTIFICATION OF PARTS & ACCESSORIES

1 - Rubber feet

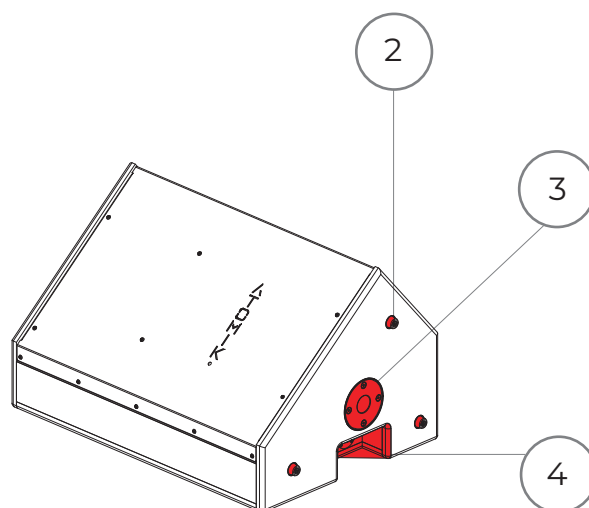
2 - Rubber feet

3 - Top Hat

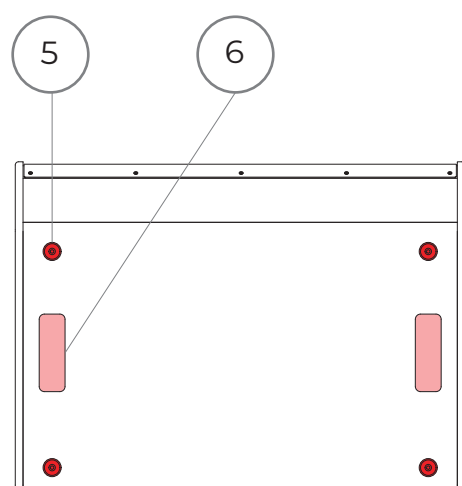
4 - Handle



TOP VIEW



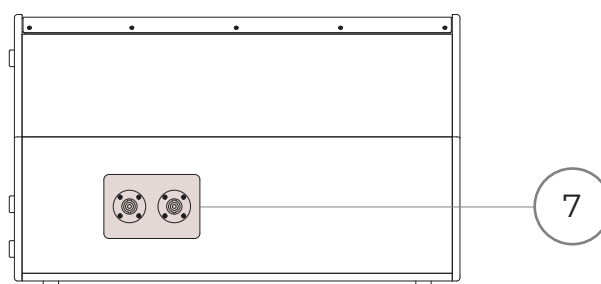
ISO VIEW



BOTTOM VIEW

5 - Rubber feet

6 - Handle



REAR VIEW

7 - Speakon plate

ACCESSORIES - XN 15M

Mounting Pole

For pole mounting on sub-woofers.

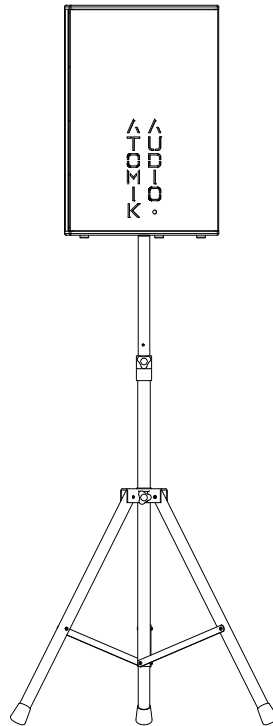
SKU: XN806 - POL - BLK - 7984



INSTALLATION DETAILS - XN 15M

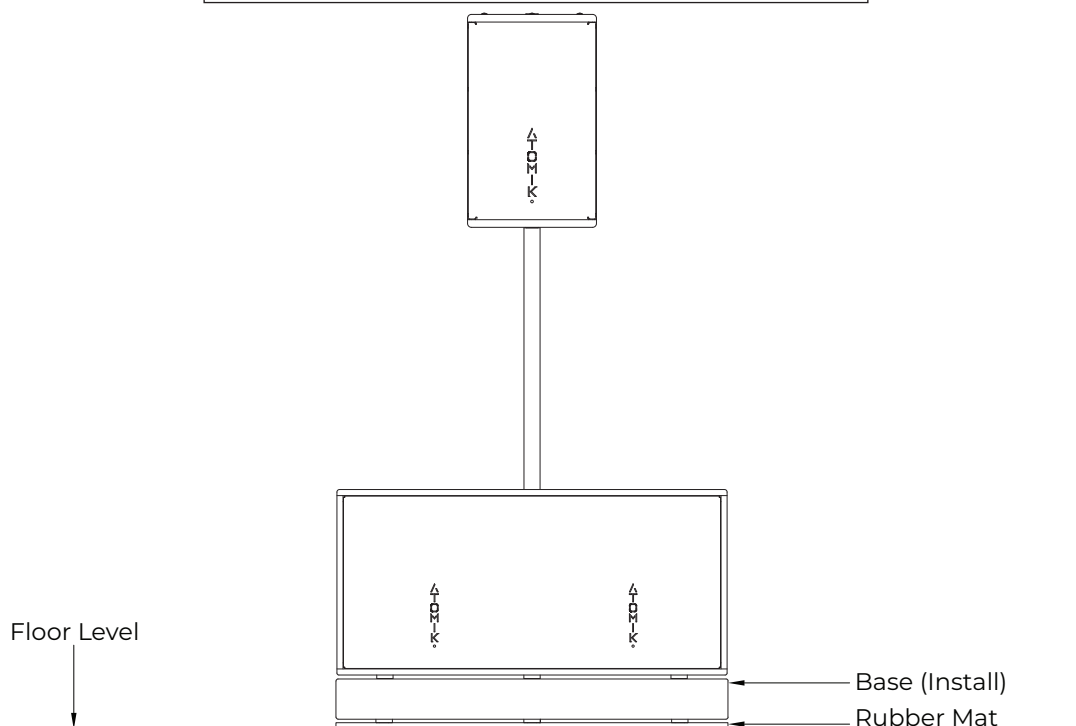
D1

Accessory Used - Tripod Stand
Installation Type - Pole Mounted on Tripod
Installation Mode - XN 15M (x1)



D2

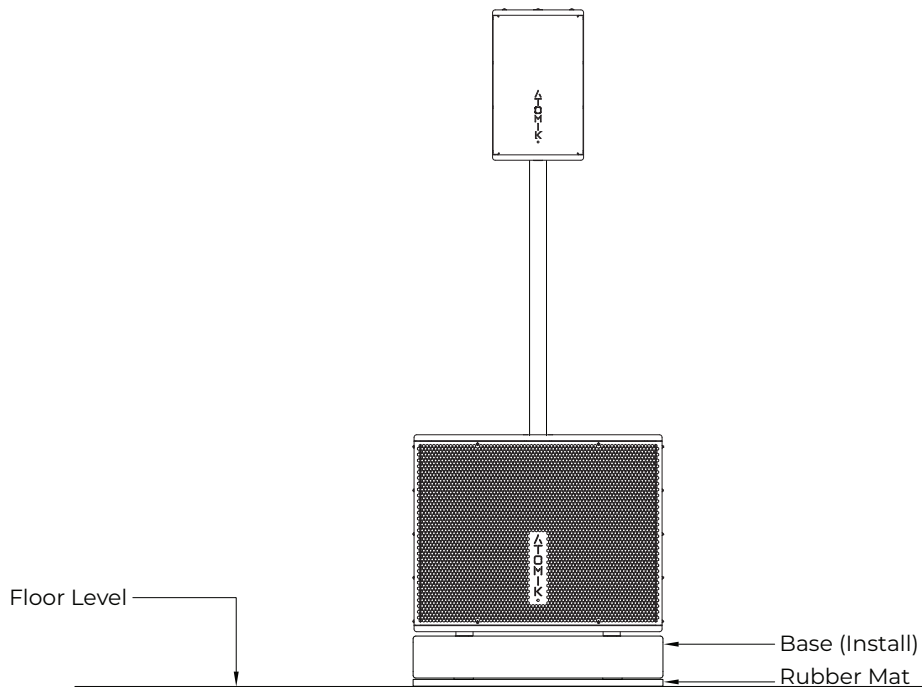
Accessory Used - Mounting Pole, Base, Rubber Mat
Installation Type - Pole Mounted
Installation Mode - XN 15M (x1) & XN 218.0.2 (x1)



INSTALLATION DETAILS - XN 15M

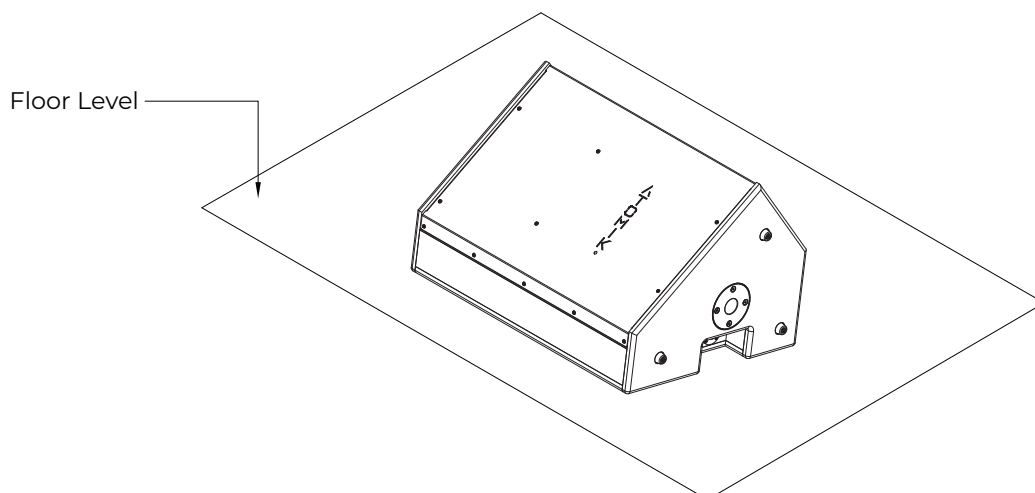
D3

Accessory Used - Mounting Pole, Base, Rubber Mat
Installation Type - Pole Mounted
Installation Mode - XN 15M (x1) & XN 18.0.2 (x1)



D4

Accessory Used - None
Installation Type - Floor Mounted, Wedge Monitor
Installation Mode - XN 15M (x1)



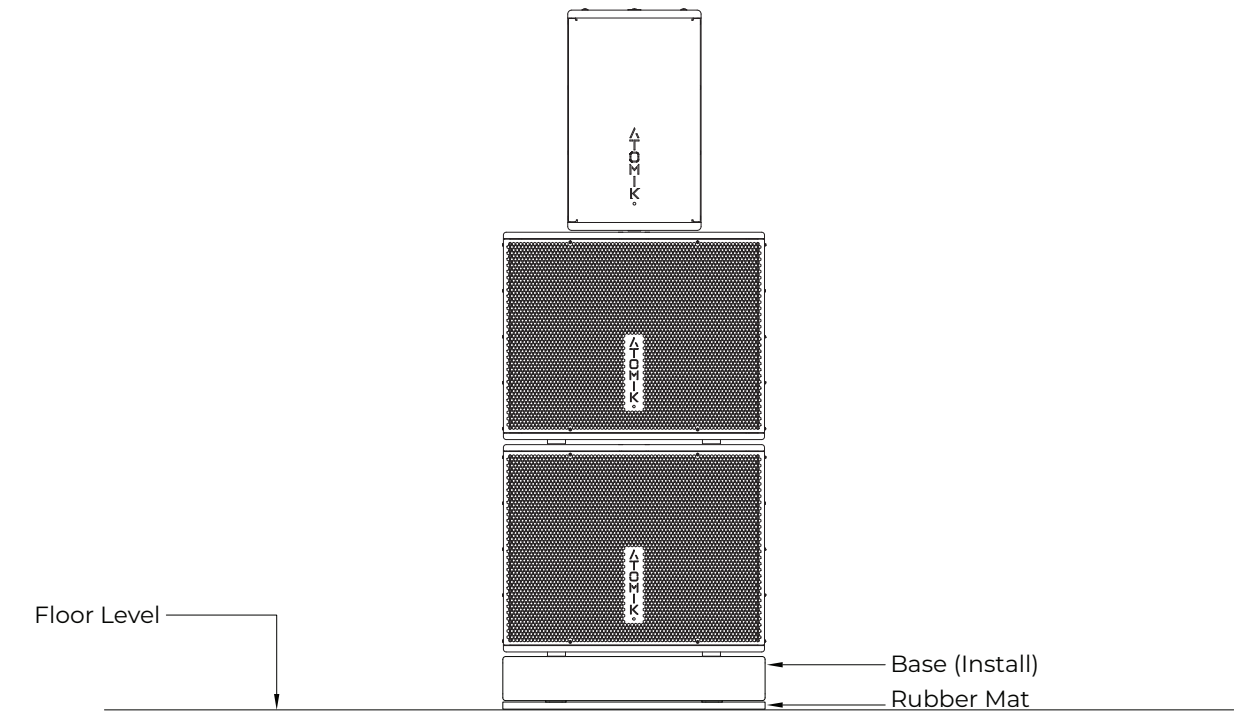
INSTALLATION DETAILS - XN 15M

D5

Accessory Used - Base, Rubber Mat

Installation Type - Stacked

Installation Mode - XN 15M (x1) (Portrait) & XN 18.0.2 (x2)

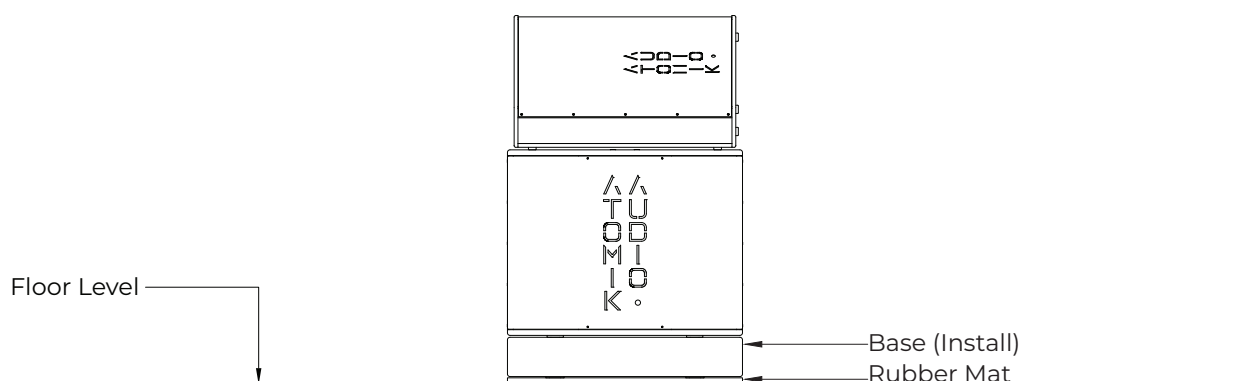


D6

Accessory Used - Base, Rubber Mat

Installation Type - Stacked

Installation Mode - XN 15N (x1) (Landscape) & XN 18.0.2 (x1)



WARRANTY

Thank you for choosing the XN Series by Atomik. We take great pride in the quality and craftsmanship of our products. To ensure your satisfaction, we provide a comprehensive warranty that covers any manufacturing defects in materials or craftsmanship. Please review the details of our warranty policy to understand how we support you and your product over its lifespan.

1. Warranty Period

Atomik offers a 1-year limited warranty for all XN Series products, starting from the date of original purchase. This warranty applies to all manufacturing defects and guarantees that the product will function as intended during this period, provided that it is used according to the guidelines in this manual.

2. Warranty Validation

To validate your warranty, you must provide proof of purchase. The original receipt or invoice is required and must show the date of purchase and the authorized dealer where the product was purchased. Warranty claims without this documentation may not be accepted.

3. Transferability of Warranty

The XN Series warranty is transferable to a subsequent owner during the warranty period. However, the warranty period will not be extended beyond the original 1-year coverage from the date of purchase. If you sell or transfer ownership of the product, the new owner will inherit the remaining warranty period, provided they also provide the original proof of purchase.

4. Coverage Details

During the warranty period, Atomik will, at its sole discretion, repair or replace any product or parts found to be defective in materials or workmanship. Warranty repairs or replacements will be carried out at no cost to the customer, except for the shipping costs associated with returning the product for service. Products must be shipped prepaid in their original packaging to an authorized Atomik service center or distributor.

5. Exclusions and Limitations

This warranty covers only defects in materials and craftsmanship. It does not cover the following:

- **Unauthorized Modifications:** Any modification or repair performed by a third party not authorized by Atomik will void this warranty.
- **Improper Use:** Damage or failure resulting from improper use, misuse, or use not in accordance with the guidelines in this manual.
- **Negligence or Accidents:** Any damage caused by neglect, accidents, mishandling, or misuse by the user, including physical damage, dropping, or impact.
- **Environmental Exposure:** Exposure to extreme conditions such as inclement weather, excessive heat, humidity, or moisture can damage the product and is not covered under this warranty.
- **Acts of God:** Natural events such as lightning, floods, earthquakes, or other acts of God.
- **Wear and Tear:** Normal wear and tear of parts, such as knobs, switches, and connectors, that may degrade with time or heavy usage.

6. Warranty Service Process

In the event of a defect or issue covered by this warranty, follow these steps to initiate service:

- **Contact Atomik Support:** Before returning the product, please contact our support team or authorized dealer to troubleshoot and confirm the issue.
- **Shipping and Handling:** Products being returned must be packed securely in their original packaging. Shipping charges to the service center are the responsibility of the customer. Once repaired, Atomik will cover the cost of return shipping.
- **Inspection and Repair:** Upon receipt, the product will be inspected by our technicians. If the defect is confirmed, the product will be repaired or replaced as necessary.

WARRANTY

- **Non-Warranty Repairs:** If the issue is determined to be outside of warranty coverage (due to user error or other exclusions), Atomik will provide a cost estimate for repairs. Non-warranty repairs will only be carried out with customer approval.

7. Liability Limitations

Atomik is not liable for any incidental or consequential damages, including but not limited to loss of profit, data, or usage, that may arise from the use or inability to use the XN Series products. The warranty covers the repair or replacement of the defective product only, and Atomik liability is limited to the value of the product at the time of purchase.

8. Statutory Rights

This warranty does not affect your statutory rights. Some jurisdictions do not allow limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

9. Additional Support

We are committed to providing our customers with exceptional service. If you have any questions or concerns regarding your XN Series product, please do not hesitate to contact us at [support@atomikaudio.com] or visit our website for additional resources.

CONTACTS

Write us:

Karma Electric
No 33, Katha no 270/1,
Kanakagiri Main Road, Hormavu Agra,
Bangalore - 560043, India.

Send us an e-mail:

support@atomikaudio.com

Visit our website:

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