

- Manuals.plus /
- › NFACOUS /
- › NFACOUS NM20 In-Ear Monitor Earphones User Manual

NFACOUS NM20

NFACOUS NM20 In-Ear Monitor Earphones User Manual

Model: NM20

1. INTRODUCTION

The NFACOUS NM20 In-Ear Monitor Earphones are designed for professional monitoring and audiophile listening, offering clear sound with enhanced bass. Featuring a single dynamic driver and a unique cavity structure, these earphones provide a balanced and detailed audio experience. Their ergonomic design ensures comfort for extended listening sessions, making them ideal for musicians, studio professionals, and audio enthusiasts.



Figure 1.1: NFACOUS NM20 In-Ear Monitor Earphones (Pink)

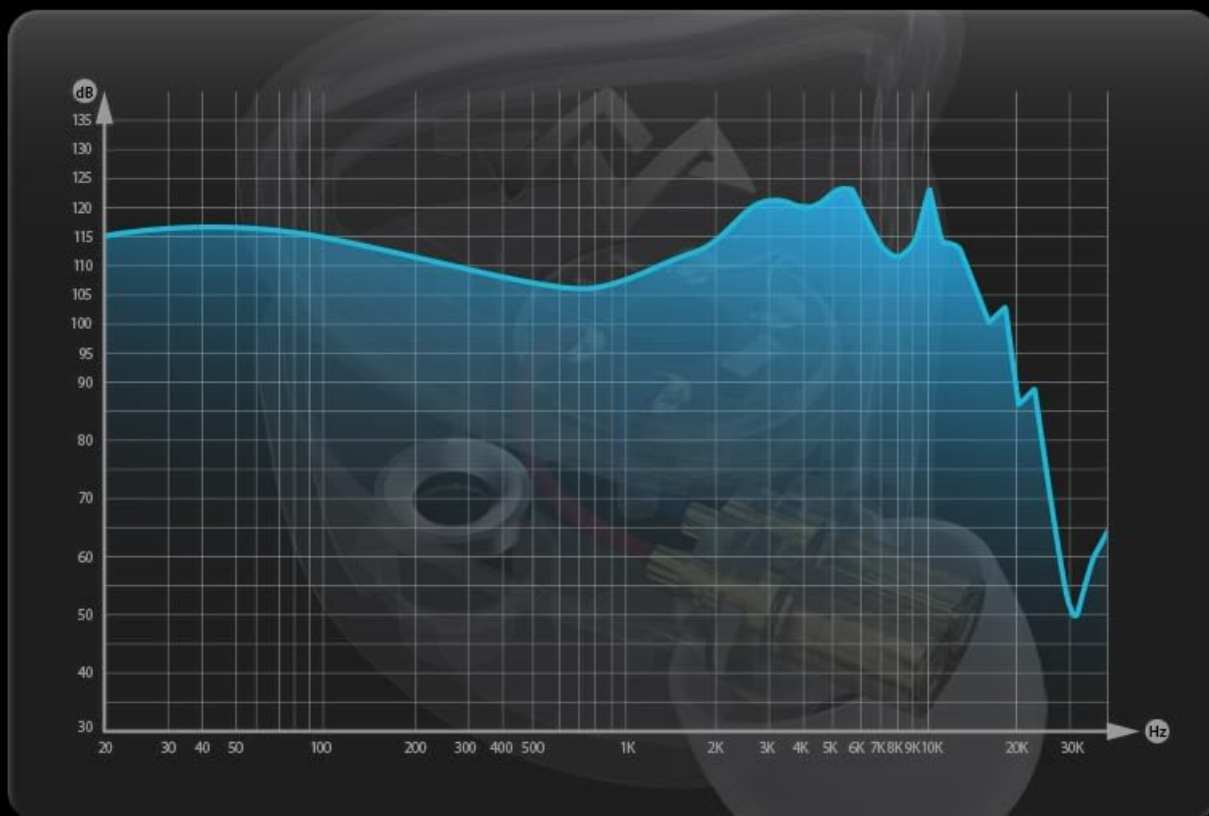
2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- NM20 Earphones (2 units)

- 0.78mm 2-pin 5N OFC Cable (1 unit)
- Ear tips (4 pairs: XS, S, M, L)
- Storage Box
- 6.35mm to 3.5mm Gold-Coated Adapter
- User Guide

MONITORING.BASS+



Using different methods to increase the low frequency performance below 100Hz. Reference value will be promised still.

Figure 2.1: Contents of the NFACOUS NM20 retail package.

3. SETUP

3.1 Attaching the Cable

1. Identify the left (L) and right (R) earphone units and the corresponding connectors on the 0.78mm 2-pin OFC cable.
2. Align the 2-pin connector on the cable with the receptacle on the earphone unit. Ensure correct orientation (the cable's ear hook should curve towards the front of the earphone).
3. Gently push the connector firmly into the earphone unit until it clicks into place. Do not force the connection.
4. Repeat for the other earphone unit.



Figure 3.1: NM20 Earphones with the detachable 2-pin OFC cable connected.

3.2 Selecting and Attaching Ear Tips

Proper ear tip selection is crucial for optimal sound quality and comfort. Experiment with the four provided sizes (XS, S, M, L) to find the best fit for your ears.

1. Gently remove any pre-installed ear tips by pulling them off the nozzle.
2. Select an ear tip size that feels comfortable and creates a good seal in your ear canal. A good seal is essential for bass response and noise isolation.
3. Push the chosen ear tip onto the earphone nozzle until it is securely seated.

TRANSPARENT FROSTING + METAL



High-strength polycarbonate (PC) material with frosted surface + CNC carving aluminum decorative parts

Figure 3.2: NM20 Earphones showing the ear tips.

4. OPERATING INSTRUCTIONS

4.1 Wearing the Earphones

The NM20 earphones feature an ergonomic design for a secure and comfortable fit, especially during active use or long listening sessions.

1. Identify the left (L) and right (R) earphone units.
2. Place the earphone into your ear canal, ensuring the ear tip forms a snug seal.
3. Guide the cable over the top of your ear, allowing the pre-formed ear hook to rest comfortably behind your ear. This provides stability and reduces microphonics.

PATENTED TECHNOLOGY CLUTTER TRAP



Figure 4.1: Proper wearing of the NM20 Earphones for ergonomic fit.

4.2 Connecting to Audio Source

Connect the 3.5mm jack of the earphone cable to your audio source (e.g., smartphone, digital audio player, audio interface, mixer). If your device requires a 6.35mm connection, use the included adapter.

4.3 Audio Performance

The NM20 features an upgraded dynamic driver and NF ACOUS's Clutter Trap Technology, which adjusts air pressure balance for a reference-class sound. This design aims to increase low-frequency performance below 100Hz while maintaining detailed and clear sound across the frequency spectrum.

CAVITY

NF ACOUS MC2L-100P

DYNAMIC DRIVER

FULLY UPGRADE OF CLASSIC NM2'S DRIVER

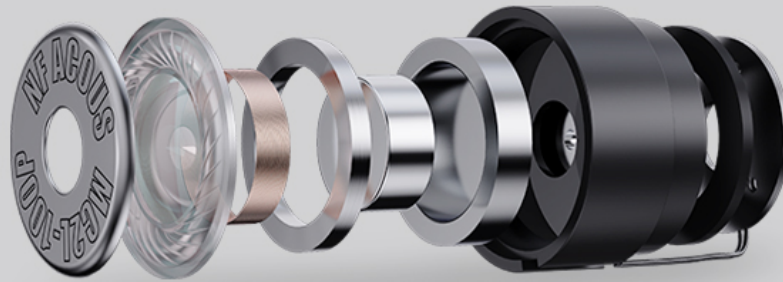


Figure 4.2: Diagram illustrating the NF ACOUS MC2L-100P Dynamic Driver.

PERFECT CURVES



Created on years of
experience by NF ACOUS
engineers

Figure 4.3: Frequency response curve of the NM20, highlighting low-frequency performance.

5. MAINTENANCE

To ensure the longevity and optimal performance of your NM20 earphones, follow these maintenance guidelines:

- **Cleaning Ear Tips:** Regularly remove ear tips and clean them with a soft cloth dampened with mild soap and water. Allow them to dry completely before reattaching.
- **Cleaning Earphone Units:** Wipe the earphone units with a dry, soft, lint-free cloth. Avoid using harsh chemicals or abrasive materials.
- **Cable Care:** Handle the cable gently. Avoid sharp bends or excessive pulling. When not in use, coil the cable loosely.
- **Storage:** Store your earphones in the provided storage box when not in use to protect them from dust, moisture, and physical damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound or low volume	Cable not fully connected; incorrect ear tip size; audio source volume too low; incorrect audio output selected on device.	Ensure cable is securely attached to earphones and audio source. Try different ear tip sizes for a better seal. Increase volume on audio source. Check device's audio output settings.
Distorted sound	Audio source volume too high; damaged cable or earphone unit.	Reduce volume on audio source. Inspect cable and earphone units for visible damage. If damage is present, contact support.
Poor bass response	Poor ear tip seal.	Try different ear tip sizes until a tight, comfortable seal is achieved.
Earphones fall out easily	Incorrect ear tip size; improper wearing.	Try smaller or larger ear tips. Ensure the cable is correctly routed over and behind your ear.

7. SPECIFICATIONS

Feature	Detail
Model Name	NFACOUS NM20
Brand	NFACOUS
Connectivity Technology	Wired
Headphones Jack	3.5 mm Jack
Audio Driver Type	Dynamic Driver
Frequency Response	20 Hz - 40 KHz
Sensitivity	108 dB
Impedance	32 Ohm
Noise Control	Sound Isolation
Material	High-strength transparent polycarbonate & CNC carved anodized aluminum parts
Cable Feature	Detachable (0.78mm 2-pin 5N OFC)
Product Dimensions	5.9 x 5.2 x 3.2 inches
Item Weight	10.6 ounces
Color	Pink

SPECIFICATIONS

— NFACOUS BRAND —

• Model	• Dimensions
NM20	150*132*83
• G.W.	• Driver
300g	double cavity dynamic driver
• Cable	• Sensitivity
0.78mm 2pin 5N OFC	108DB/MW
• Impedance	• Sound insulation
32Ω	25dB
• Frequency response range	• Distortion
9-40KHz	<1%
• Maximum SPL	• Connector
125dB	3.5mm



Figure 7.1: Overview of NFACOUS NM20 key specifications.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official NFACOUS website. Keep your proof of purchase for warranty claims.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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