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CINEMA

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VISO HP30

On-Ear Headphones

ENGLISH



Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

OSHA GUIDELINES FOR NOISE EXPOSURE LIMITS

The Occupational Safety Health Administration (OSHA) has issued headphone usage recommendations for maximum daily exposure and sound pressure levels [measured in decibels (dB)]. A decibel is a unit of sound measurement that increases exponentially with volume. For example, conversational speech is typically around 60dB, and a rock concert in a stadium is often about 110dB.

90dB	8 hours
95dB	4 hours
100dB	2 hours
105dB	1 Hour
110dB	30 minutes
115dB	15 minutes
120dB	Avoid as damage may occur

FCC NOTICE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

WARNING!

- Warnings or announcements may be unnoticed when you are using the headphones. You should be aware of ambient sounds while wearing the headphones, and recognize them as needed.
- Long-term exposure to loud music may cause permanent hearing damage.
- Do not attempt to modify this product as it could result in personal injury and/or product failure.
- If water or other foreign substances permeate inside the device, fire or electric shock may result.

CAUTION

Changes or modifications to this equipment not expressly approved by NAD Electronics for compliance could void the user's authority to operate this equipment.

NOTES ON ENVIRONMENTAL PROTECTION



At the end of its useful life, this product must not be disposed of with regular household waste but must be returned to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's manual and packaging point this out.

The materials can be reused in accordance with their markings. Through re-use, recycling of raw materials, or other forms of recycling of old products, you are making an important contribution to the protection of our environment.

Your local administrative office can advise you of the responsible waste disposal point.

NAD VISO HP30 is the culmination of more than forty years of dedicated audio innovation. Designed and driven by audiophiles, NAD VISO HP30 is made specifically for digital natives who understand the difference what clean, crisp sound makes to music lovers.

The NAD VISO HP30 On-Ear Headphones benefits from true headphone innovation that lets you sense the music around you, feel every beat, and hear a more open soundstage. Infused with the innovative RoomFeel™ technology, soundstages are dramatically expanded, adding back warmth and open sound, without altering the audio signal.

We hope you will read through this owner's guide to ensure that you are getting the most out of your new NAD VISO headphones.

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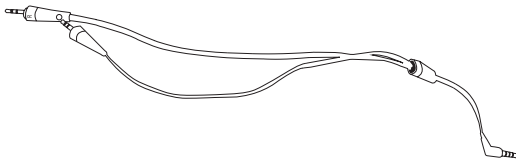
WHAT'S INSIDE THE BOX

Packed with your VISO HP30 you will find:

- Apple compatible tangle-free ribbon cable
- Additional standard ribbon cable
- Carrying case
- Cable clip
- 3.5mm to ¼ inch headphone adaptor
- Airline adaptor

IDENTIFICATION OF PARTS AND ACCESSORIES

1 STANDARD HEADPHONE RIBBON CABLE

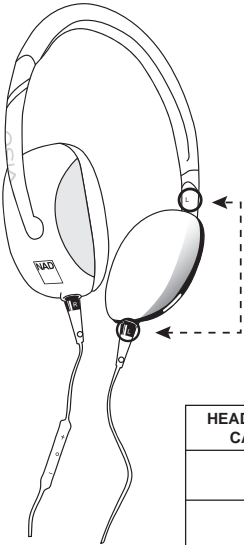


- For a complete listening experience on most devices, use the standard headphone ribbon cable. Plug the "L" (left) end of the cable into the corresponding input at the bottom of "L" (left) ear pad and "R" (right) end of the cable into the corresponding input at the bottom of the "R" (right) ear pad. Connect the other end into the 1/8" (3.5mm) stereo socket on your music player.
- A 1/4" (6.3mm) adaptor is also included for connecting to other audio equipment.

NOTES

- Grasp the plug at the end of the cable and pull to disconnect. Never pull on the headphone cable to disconnect the headphones from the music player.
- Turn the volume down to a comfortable listening level on your music player before putting on VISO HP30.
- Each swiveling arm of the VISO HP30 headband has "L" and "R" mark indicating the left and right sides respectively of the headphones.

IMPORTANT CONNECTION OF THE HEADPHONE RIBBON CABLE TO CORRESPONDING EAR PAD*



HEADPHONE CABLE	EAR PAD		AUDIO OUTPUT
	L	R	
L	✓	✗	L → L : R → R =
R	✗	✓	L → R : R → L =

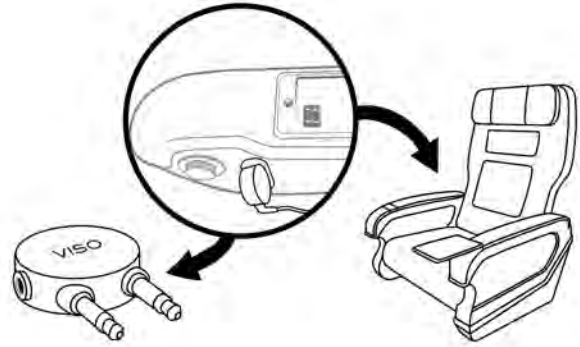
* - Applicable also to inline microphone/remote headphone cable

2 HEADPHONE ADAPTOR (3.5 mm to 1/4 inch)



- Use this headphone adaptor to connect your 1/8 inch (3.5mm) stereo plug to a 1/4 inch (6.3mm) stereo jack.

3 AIRLINE ADAPTOR

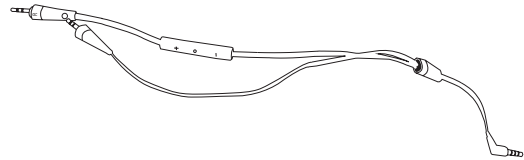


- Use the supplied dual 3.5mm airline adaptor to connect your VISO HP30 with in-flight entertainment systems.

NOTES

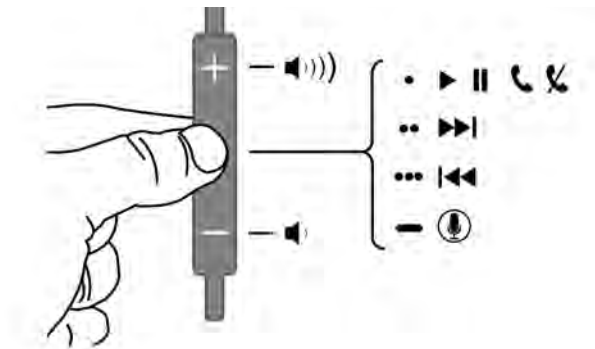
- Audio output jack configurations may vary on airplanes. Airline audio may not equal the high quality sound heard from your home audio equipment, or a portable source.
- NAD Electronics does not recommend using these headphones as aviation communication equipment as they are not engineered for many environmental conditions common in commercial or non-commercial aircrafts (including, but not limited to: altitude, temperature, noise conditions, unpressurized aircraft, etc.) resulting in possible interference to critical communications.

4 INLINE MICROPHONE/REMOTE CABLE



- VISO HP30 includes an inline microphone and remote cable for use with iPod and other iOS devices. The cable is equipped with a call answer button and other phone features for effortless switching between music listening and talking. It also features music and video playback control for iPod®, iPhone® and iPad®.
- Audio is supported on all iPod models. The remote is supported by iPod Shuffle (3rd generation and later).
- The remote and microphone are supported only by
 - iPod nano (4th generation and later)
 - iPod Classic (120GB, 160GB)
 - iPod Touch (2nd generation and later)
 - iPhone (3G and later)
 - iPad (3rd generation and later)
 - iPad mini (1st generation and later)
 - iPad Air, iPad Air 2
- Plug the "L" (left) end of the cable into the corresponding input at the bottom of "L" (left) ear pad and "R" (right) end of the cable into the corresponding input at the bottom of the "R" (right) ear pad. Connect the other end into the 1/8" (3.5mm) stereo socket on your music player.

USING APPLE CONTROL FEATURES



FEATURE	PROCEDURE
Answer or end call	Press the centre button once to answer or end a call.
Decline incoming call	Press and hold the centre button for two seconds, then release. There will be two beeps to indicate successful operation.
Use call waiting	To switch to an incoming call and put an in-progress call on hold, press the centre button, and then repeat to switch back to the previous call and put the new call on hold.
	To switch to an incoming call and end an in-progress call, press and hold the centre button for two seconds. Two beeps will indicate successful operation.
Activate Siri or voice control	Press and hold the centre button for two seconds.
Play/pause song or video	Press the centre button to play or pause the song.
Skip to next/previous song or chapter	Quickly press the centre button twice to skip to the next song.
Scan forward through song or video	Quickly press, then press and hold the center button to scan forward. Release to stop scanning forward.
Scan backward through song or video	Quickly press twice, then press and hold the centre button. Release to stop scanning backward.
Volume control	Press the (+) button to increase volume. Press the (-) button to decrease volume.

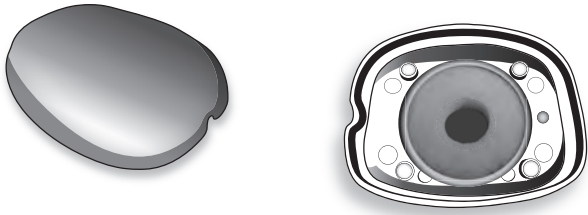
NOTE

Some features may not be applicable to your iPod or iOS device.

HANDLING AND MAINTENANCE

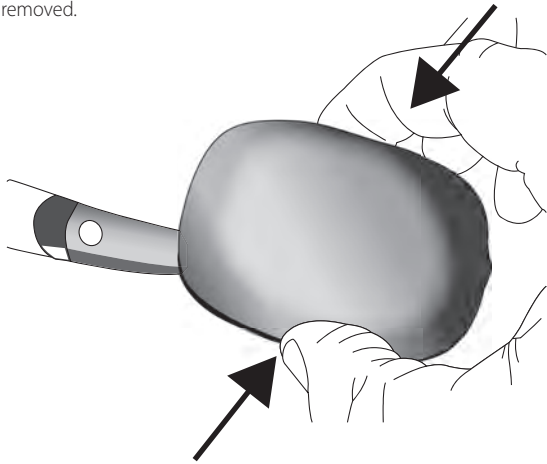
EAR CUP ATTACHMENT AND REMOVAL

The ear cups have been designed to be removable for cleaning and replacement purposes. The ear cups have four magnets for easier removal and attachment. Constant removal of the ear cups is not recommended.

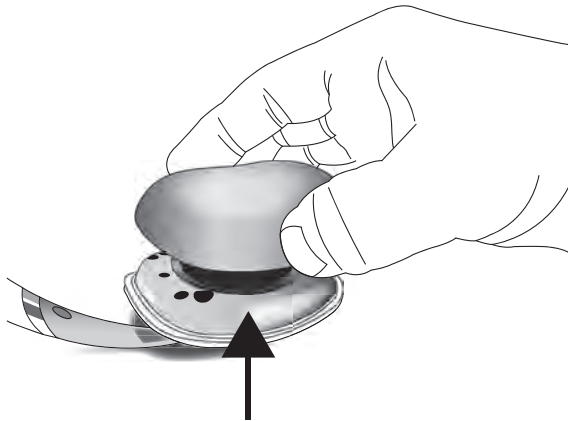


DETACH EAR CUP

- 1 Grasp and lightly pinch both sides of the ear cup that needs to be removed.

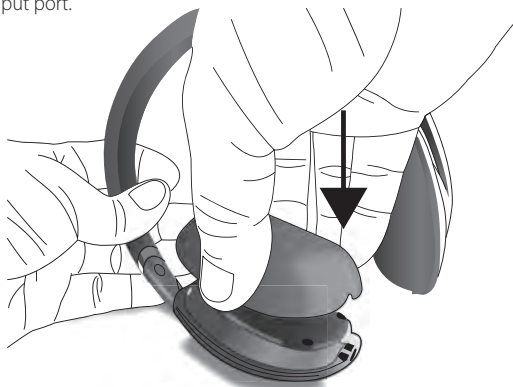


- 2 Grip and carefully pull away ear cup.

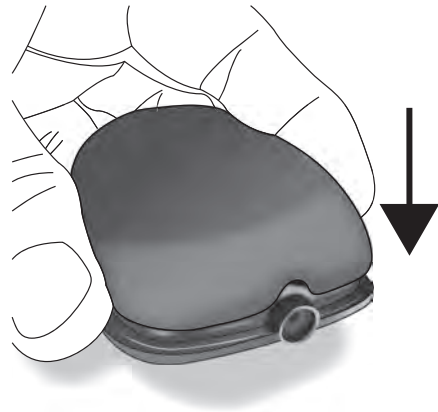


REATTACH EAR CUP

- 1 To reattach, align the ear cup with corresponding ear pad. Ensure that the cut-out portion of the ear cup is aligned with the headphone cable input port.



- 2 Fit the ear cup to the ear pad until the magnets snap them together. Ensure fit for form and no misalignment.



CARE AND CLEANING

For safe and sanitary use, it is essential to maintain and clean your NAD VISO HP30. However, excessive cleaning may cause damage and jeopardize the longevity of the product.

- 1 Remove both ear cups and set aside the headphone. This will prevent the chance of getting water into the headphones themselves.
- 2 Use a slightly damp cloth for cleaning. Don't soak the cloth; just get it a little damp. Gently clean each ear cup and then use a dry cloth to remove any residual moisture.

When not in use, always store headphones in the supplied protective case, and store in a clean and dry environment. Avoid storing in extreme heat or cold temperatures and humidity and avoid exposure to liquids.

WARNING

Never wet the speaker or electronics inside of the VISO HP30. Water or cleaning solvents may cause irreparable damage to the electronics inside your headphones. The NAD VISO warranty does not cover such damage.

PROTECTING YOUR INVESTMENT

For long lasting enjoyment of your headphones, you should respect their limits and avoid excessive volume levels for music or movie playback.

- Excessive volume levels can damage all headphones.
- If your headphones are pushed to excessive volume levels, they might be driven into "clipping", which could result in severe and/or permanent injury.
- If using your headphones at loud levels, listen carefully for any sign of harsh, garbled midrange and diminishing intelligibility – and if detected, turn the volume down immediately.

CONDITION	POSSIBLE CAUSES	POSSIBLE SOLUTIONS
Low or no audio output.	• Audio source is powered off.	• Power on audio source.
	• Audio volume level is set to minimum.	• Set audio to medium volume level.
	• No connection between audio source and ear pad.	• Ensure full ribbon cable connection between ear pad and audio source.
	• Audio source is muted with Apple control feature.	• Press center button of Apple control feature to restore audio.
	• Connection of headphone ribbon cable to ear pad is wrong.	• Plug the "L" (left) end of the cable into the corresponding input at the bottom of "L" (left) ear pad and "R" (right) end of the cable into the corresponding input at the bottom of the "R" (right) ear pad. Connect the other end into the 1/8" (3.5mm) stereo socket on your music player.
Crackling noise or intermittent audio.	• Ribbon cable connection is not fully inserted or pushed home at the audio source or ear pad end.	• Ensure full cable connection between audio source and ear pad.
	• Connection at the audio source or ear pad end is damaged.	• Use new ribbon cable.

If you require service, please visit your local authorized NAD service centre, or www.nadelectronics.com/salon for assistance.

SPECIFICATIONS

Rated power	30mW
Frequency response (20Hz – 20kHz)	± 1.5 dB, -3dB at 15Hz
Sensitivity (1kHz)	100 dB
Total harmonic distortion	≤ 0.25% at 1kHz/mW
Impedance, passive	32 ohms
Transducer, type	Dynamic driver
Transducer, size	40 mm

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