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The NTH-50 professional on-ear headphones combine exceptional sonic performance, superior comfort, and a sleek and durable design that make them the perfect companion for DJs, music producers, content creators, and audiophiles.

The custom driver array features a revolutionary acoustic design with an innovative resonant chamber and is precision-tuned for incredibly accurate and detailed audio reproduction with ultra-low distortion. Not only does this result in a more balanced sound signature than other on-ear headphones, but it also offers superior passive noise isolation.

To minimise wearing fatigue and ensure optimal comfort, they feature a contoured headband and an integrated fontanel recess that reduces pressure on your head and ears during longer creative sessions. Constructed from premium materials for a rugged build, yet exceptionally lightweight and compact, the NTH-50s are with you for the long-haul, ready for the rigours of the road and the studio alike, day in, day out.

Find out all you need to know about using your NTH-50s here.

Features



- 1 Removable headband cushion
- 2 Integrated fontanel recess
- 3 Left or right cable attachment
- 4 Dual coiled cable
- 5 Ergonomic earcup shape
- 6 Removable memory foam ear cushions
- 7 Red indicator for right earcup

source. If you experience intermittent or crackly audio, check that the cable is attached correctly.



Connecting the Cable to the Headphones

To connect the cable to the headphone earcup, simply insert the plastic bayonet end into the socket and twist the connector clockwise to lock it into place. To remove it, simply twist counter-clockwise to unlock and pull free.

The NTH-50s feature cable attachments on both earcups, allowing you to connect the cable where it is most convenient.



Connecting the Headphones to your Device

The supplied cable comes with a standard 3.5mm jack plug for connecting to devices with a 3.5mm output, such as laptops and desktop computers. Also included is a 1/4-inch to 3.5mm adaptor for connecting to professional audio equipment, such as mixers and audio interfaces. This adaptor screws securely onto the end with the gold-plated thread.



Pro Tip

The NTH-50s are a low-impedance, high-sensitivity headphone, which means they can be used with virtually any equipment. This may mean a low volume setting on your amplifier could result in a loud signal – so turn down your volume to zero before plugging in the headphones, and then gradually raise the volume to the desired level.

Using the COLOR ID Rings

The NTH-50s come with a set of eight COLOR ID rings. These can be used for quick identification in setups where multiple pairs of headphones are in use. To use them, remove the black ID ring that clips around the body of the plugs at either end of the cable, and replace it with your preferred colour. Note that the colours match the channel ID colours used by RØDECaster Series interfaces and RØDE Connect.



Adjusting the Headband

With the headphones on, hold the earcup of the side you are adjusting and gently push up or pull down the headband until a desired fit is achieved. When not in use, place the headphones in the included soft cloth bag and/or packaging.



Earpad and Headband Removal and Cleaning

To remove the earpads from the headphones, simply pull them away from the earcup. To replace, push them back into place, working around the perimeter to ensure all the tabs are locked into place.

There are three tabs that keep the headband connected to the headband cushion. To remove the headband cushion, hold the left earcup in your left hand and the right earcup in your right hand. With your right hand, carefully unclip the headband cushion just above the coiled section of the cable that connects to the left earcup, then slide the headband cushion to the left. Unclip the right tab and the headband cushion will become dislodged.

To reapply the headband cushion, align the cushion at the middle tab with the headphones facing in the same direction and slide it to the right to lock it in place. Now, simply clip the left and right tabs back into place. If you have the headphones facing in the other direction (left earcup in your right hand and right earcup in your left hand, slide the cushion to the right when unlocking the middle tab).

To clean the pads and headband, simply wipe with a damp cloth. Do not immerse the pads in water, or use leather or suede cleaning products, as this may damage the pad. Replacement pads and headbands are available – please contact our service centre if you need new pads and/or a new headband.



Service and Warranty

The NTH-50 headphones have been built to last, backed by a lifetime warranty that reflects RØDE's unwavering commitment to quality and your peace of mind. With RØDE's legendary 24/7 customer support service, you can be sure that any assistance required with your NTH-50s will be readily available at a time that best suits you.

To unlock the lifetime warranty, register your NTH-50 headphones [here](#).

For more information on product servicing and warranty, please get in touch with our customer support team and we will be happy to help.

<https://rode.com/support/warranty-terms>

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