

ISOtunes

ISOtunes® FREE 2.0

Wireless Earbuds

IT-72, IT-73, IT-74

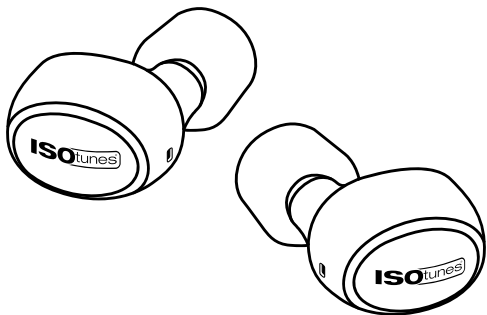




FIG 1



FIG 2



FIG 3



FIG 4

ANSI S3.19-1974 Table (NRR Table)

Short Eartips



Tall Eartips



EN 352-2:2002 Table (SNR Table)

Short Eartips



SNR (dB) = 32.0 H84 (dB) = 32 dB M84 (dB) = 30 dB L84 (dB) = 28 dB

Tall Eartips



SNR (dB) = 33.0 H84 (dB) = 32 dB M84 (dB) = 31 dB L84 (dB) = 29 dB

ISOtunes® FREE Aware Wireless Earbuds

EN	4-5
DA	X-X
DE	X-X
ES	X-X
FI	X-X
FR	X-X
IT	X-X
NL	X-X
NO	X-X
SV	X-X

Important

Please read, understand, and follow all safety information.

Models

IT-73, IT-74 : ISOTunes FREE 2.0

IT-72 : ISOTunes FREE 2.0 EN 352

Full manual can be found at

[ISOTunes.com/manuals](https://www.isotunes.com/manuals)

The ISOTunes FREE 2.0 comes with 3 sets of TRILOGY™ tall foam eartips (S,M,L), and 3 sets of double flange silicone eartips (S,M,L). Choose the size that fits best in your ear canal. Remember, the snugger the fit, the better the noise reduction. The silicone eartips are not tested for noise-attenuation and should not be used in noisy environments.

Fitting

1. Carefully roll the foam eartip on the stem/sound port.
2. Insert the eartip into your ear as deeply as comfortable.
3. Slightly rotate eartip until it is secure in the bowl of your ear.
4. Make the eartip rest tightly next to your inner ear edge.

Introduction

Thank you for purchasing ISOTunes® FREE 2.0 Bluetooth® earbuds. These earbuds have been specifically designed for use in noisy environments – allowing you to block out much of the surrounding noise so that you can listen to your music or talk on the phone with less interruption.

Controls

[See the Quick Start Guide]

Power On/Off***Method 1***

Power ON: Remove earbuds from charging case.

Power OFF: Place earbuds into charging case.

Method 2

Power ON: In OFF mode, press and hold multi-function button (MFB) for 3 seconds.

Power OFF: In ON mode, press and hold MFB for 6 seconds.

Bluetooth® Pairing

After powering on, the earbuds will automatically enter Bluetooth® Pairing Mode. Look for quick red and blue flashes from the earbud as a confirmation. Open the Bluetooth® settings on your device. Search for “ISOTunes FREE 2.0”. Pair and connect. You will hear “Bluetooth® Connected” once connected.

Charging

There are three batteries to charge:

1. Charging Case Battery
2. Left Earbud Battery
3. Right Earbud Battery

Charging the Case

Insert USB type C charging cable into the charging case. The charging case battery indicator light will start flashing to indicate charge level.

Charging the Earbuds

Place earbuds into the charging case. The earbuds' red indicator light should be solid red, indicating that the earbuds are charging.

Only charge your ISOTunes FREE 2.0 with a Maximum 5 Volt charger. Using a charger higher than 5 Volts could be dangerous and may damage your ISOTunes product. Be especially careful with “quick charge” or “turbo charge” chargers, which often supply 9, 12, or 15 Volts. Your ISOTunes FREE 2.0 cannot be charged at voltage levels above 5 volts.

Noise Attenuation

This product has been tested to the European Safety Standard EN 352-2:2020 and the ANSI S3.19-1974 standard for a hearing protector, with a Single Number Rating (SNR) of **32 dB** and a Noise Reduction Rating (NRR) of **25 dB**. Full testing details are available in the Noise Attenuation section of this booklet.

ANSI S3.19-1974

The level of noise entering a person's ear, when ISOTunes® FREE 2.0 earbuds are worn as directed, is closely approximated by the difference between the A-weighted environmental noise level and the Noise Reduction Rating (NRR). Improper fit of this device will reduce its effectiveness in attenuating noise. Consult the enclosed

instructions for proper fitting.

- A1: Frequency (Hz)
 A2: Mean Attenuation (dB)
 A3: Standard Deviation (dB)

Example:

1. The surrounding noise level measured at the ear is 100 dB.
2. The NRR of ISOTunes® FREE 2.0 is **25 dB**.
3. The noise level entering the ear is approximately equal to **75 dB**.

Please note that the NRR is based on the attenuation of continuous noise and may not be an accurate indicator of the protection attainable against impulsive noise, such as gunfire.

EN 352

- B1: Frequency (Hz)
 B2: Mean Attenuation (dB)
 B3: Standard Deviation (dB)
 B4: Assumed Protection Value (APV) (dB)
 H = Hearing protection estimation for high frequency sounds ($f \geq 2000\text{Hz}$)
 M = Hearing protection estimation for medium frequency sounds ($500\text{ Hz} < f < 2000\text{Hz}$)
 L = Hearing protection estimation for low frequency sounds ($f \leq 500\text{Hz}$)

SafeMax™ Technology

ISOTunes® FREE 2.0 incorporates SafeMax™ Technology, therefore its volume output has been limited to 85 decibels (IT-73 & IT-74), or 79 decibels (IT-72). ISOTunes® devices with SafeMax™ Technology are OSHA and ANSI compliant.

Cleaning and Maintenance

- Clean your ISOTunes FREE 2.0 by gently wiping them with a clean, damp cloth with mild soap.
- Do not immerse the earbuds in water.
- Do not use abrasive cleaning solvents to clean the earbuds.

If the earbuds get wet from sweat or rain, please discontinue use and allow them to dry.

WARNINGS

ISOTunes® FREE 2.0 does an excellent job of blocking outside noise. As such, ISOTunes® FREE 2.0 should NOT be used in environments where users need to be fully aware of their surroundings for personal safety reasons. For example, do NOT use them while driving a car or riding a motorcycle. Similarly, do NOT use them when riding a bicycle outside. The user is solely responsible for ensuring that ISOTunes® FREE 2.0 is used ONLY in safe environments.

Additional Notes

ISOTunes® FREE 2.0 is compliant with Bluetooth® V5.2. We do not guarantee compatibility of all functions on every Bluetooth®-enabled device. Please check your device's user manual for compatibility and functionality.

For additional information or questions about ISOTunes® products or spares and accessories, please contact our support team.

FCC

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the users' authority to operate the equipment.

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.

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 Monday-Friday 9-5 ET

FCC ID: 2AJRDIT-72



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help