

ISOtunes®

ISOTUNES FREE EN 352

Model: IT-12

Color: Safety Yellow

Product: Noise-isolating in-ear hearing protection device with Bluetooth connectivity for music and phone calls. An ultra-lightweight true wireless design provides ultimate flexibility and freedom. Highly durable and dust, sweat, and water resistant.

Applications: Designed for professionals who work in loud environments and need EN 352 certified hearing protection that is lightweight and hardly noticeable. Ideal for those who need a cordless design, like those who work in tight spaces or wear other restrictive PPE (ie. hard hats, welding masks, etc.).

Standards and Approvals: This product has been tested and approved to ANSI S3.19-1974 and EN 352-2:2002 standards. It also complies with FCC, CE RED, RoHS, and WEEE requirements.

NRR = 22 dB

SNR = 29 dB



NRR Table

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Grand Mean Attenuation (dB)	29.6	26.3	29.4	31.4	34.7	36.8	35.3	44.4	45.5
Standard Deviation (dB)	5.1	4.4	5.2	5.0	3.9	2.7	3.8	3.3	2.4

SNR Tables

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mf (dB)	30.5	26.7	30.0	31.3	34.4	36.4	44.5
Sf (dB)	4.6	4.5	5.9	5.4	4.0	3.5	3.9
APVf	26.0	22.2	24.2	25.9	30.4	32.9	40.6

SNR	29 dB
H	31 dB
M	26 dB
L	19 dB

The Next Generation of Hearing Protection™

TECHNICAL SPECIFICATIONS

FEATURES:

- **SafeMax™ Technology** delivers exceptional audio quality while limiting the volume output to 79 dBA.
- **True Wireless** design.
- **Background Noise-Reducing Microphone** for clear calls in loud environments.
- **IP45** sweat and water resistant.
- **AptX™** high definition sound.

ACCESSORIES:

- 3 pairs of TRILOGY™ Short Foam eartips in 3 sizes (S/M/L)
- 3 pairs of silicone double flange eartips* in 3 sizes (S/M/L)
- Charging case
- USB-C charging cable
- Replacement accessories are available

*Silicone eartips are NOT tested for NRR or SNR and are not recommended for use in noisy environments.

BLUETOOTH:

- **Version:** 5.0
- **Profiles Supported:** HSP, HFP, A2DP, AVRCP
- **Range:** Up to 10 meters/30 feet
- Supports Bluetooth battery level indicator

BATTERY:

- Built in rechargeable 3.7 volt lithium-ion battery
- **Charging Voltage:** 5 volts DC**
- **Charging Time:** 2 hours***
- **Music Playback / Talk Time:** 7 hours*** (plus 14 more hours*** in the charging case)
- **Standby Time:** 120 hours***
- **Number of Batteries:** 3
- **Earbud Battery Weight:** 1.2 g (each)
- **Earbud Battery Capacity:** 45 mAh (each) or 0.1665 Wh (each)
- **Charging Case Battery Weight:** 2.8 g
- **Charging Case Battery Capacity:** 420 mAh or 1.554 Wh

**Only use a charge of 5 volts/1 amp output maximum. Using a charger higher than 5 volts/1 amp output could be dangerous and may damage the headset.

***Times may vary depending on usage.

SHIPPING:

- **Earbud Weight:** 4.5 g (each)
- **Charging Case Weight:** 32 g
- **Total Product Weight (Earbuds + Case):** 41 g
- **Packaged Dimensions:** 15.56 x 10.16 x 4.76 cm
- **Packaged Weight:** 214 g
- **Inner Carton Quantity:** 10 units
- **Inner Carton Dimensions:** 24 x 21 x 18.5 cm
- **Inner Carton Weight:** 2.2 kg
- **Outer Carton Quantity:** 4 inner cartons (40 units)
- **Outer Carton Dimensions:** 44 x 40 x 26 cm
- **Outer Carton Weight:** 9.6 kg

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Warranty: The warranty does not cover any damage caused by neglected maintenance or careless handling. For more information on maintenance, please see the user instruction. For complete warranty conditions, contact your dealer or local Haven Technologies Office.