

ISOtunes®

ISOTUNES AIR DEFENDER EN 352

Model: IT-47

Color: Safety Orange

Product: Noise-isolating over-ear hearing protection device with Bluetooth connectivity for music and phone calls. Featuring memory foam ear cushions and headband, this device is 24% lighter than other over-ear devices*. Highly durable with sweat and water resistance.

*Compared to the ISOtunes LINK

Applications: Designed for hobbyists who want to listen to music or take calls while working in loud environments. Ideal for those who prefer an ultra-comfortable over-ear style that doesn't break the bank.

Standards and Approvals: This product has been tested and approved to ANSI S3. 19-1974, EN 352-1:2020, EN 352-6:2020, and EN 352-8:2020 standards. It also complies with FCC, CE RED, RoHS, and WEEE requirements.

NRR = 24 dB

SNR = 30 dB

NRR Table

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Grand Mean Attenuation (dB)	16.0	18.8	26.1	32.5	35.3	39.6	43.0	41.6	40.6
Standard Deviation (dB)	2.4	1.9	2.3	2.2	2.5	3.6	4.0	4.5	3.8

SNR Tables

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mf (dB)	13.7	19.9	26.8	32.2	35.4	41.8	40.1
Sf (dB)	2.4	1.4	2.5	3.1	2.4	3.9	2.8
APVf	11.4	18.5	24.4	29.1	33.0	37.9	37.3

SNR	30 dB
H	34 dB
M	27 dB
L	20 dB

The Next Generation of Hearing Protection™

TECHNICAL SPECIFICATIONS

FEATURES:

- **SafeMax™ Technology** delivers exceptional audio quality while limiting the volume output to 85 dBA.
- **Memory Foam Ear Cushions and Headband** for an ultra-comfortable fit.
- **Background Noise-Reducing Microphone** for clear calls in loud environments.
- **Aux Input** for nonstop listening.
- **IPX4** sweat and water resistant.

ACCESSORIES:

- Aux In cable
- Micro USB charging cable
- Replacement accessories are available

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:** 40 hours***
- **Standby Time:** 80 hours***
- **Number of Batteries:** 1
- **Battery Weight:** 18 g
- **Battery Capacity:** 1100 mAh (each) or 4.07 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:

- **Product Weight:** 330 g
- **Packaged Dimensions:** 16 x 11.5 x 21.5 cm
- **Packaged Weight:** 495 g
- **Outer Carton Quantity:** 20 units
- **Outer Carton Dimensions:** 55 x 42 x 36 cm
- **Outer Carton Weight:** 10 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.