



Model: IT-31

Color: Safety Orange

Product: Noise-isolating over-ear hearing protection device with Bluetooth connectivity for music and phone calls. Highly durable with sweat and water resistance.

Applications: Designed for professionals who want to listen to music or take calls while working in loud environments. Ideal for those who prefer an over-ear style.

Standards and Approvals: This product has been tested and approved to ANSI S3.19-1974, EN 352-2:2002, EN 352-6:2002, and EN 352-8:2002 standards. It also complies with FCC, CE RED, RoHS, and WEEE requirements.

NRR = 25 dB

SNR = 30 dB

NRR Table

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Grand Mean Attenuation (dB)	19.9	22.3	27.8	30.8	38.8	44.3	50.0	46.3	42.4
Standard Deviation (dB)	3.7	2.9	2.4	2.3	3.8	3.9	3.8	3.1	4.3

SNR Tables

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mf (dB)	19.8	22.0	26.9	30.5	37.7	49.1	41.4
Sf (dB)	3.7	2.9	2.6	3.1	3.6	4.0	4.8
APVf	16.1	19.1	24.3	27.4	34.1	45.1	36.6

SNR	30 dB
Н	34 dB
М	27 dB
L	21 dB



The **Next Generation** of Hearing Protection™

TECHNICAL SPECIFICATIONS

FEATURES:

- SafeMax™ Technology delivers exceptional audio quality while limiting the volume output to 79 dBA.
- Memory Foam Ear Cushions and Vented Headband for a comfortable fit.
- **Dual Connectivity** headset can be paired to two Bluetooth devices at the same time.
- Background Noise-Reducing Microphone for clear calls in loud environments.
- 4 Hr Auto Power Off when not connected to Bluetooth for battery life conservation.
- IPX4 sweat and water resistant.
- AAA battery compatible but are not included.

ACCESSORIES:

- Micro USB charging cable
- · Removable lithium-ion battery
- Replacement accessories are available

BLUETOOTH:

• Version: 4.2

• Profiles Supported: HSP, HFP, A2DP, AVRCP

• Range: Up to 10 meters/30 feet

• Dual Connect with two Bluetooth devices at once

Supports Bluetooth battery level indicator

BATTERY:

- Built in rechargeable 3.7 volt lithium-ion battery
- Optional power from 3 AAA batteries

• Charging Voltage: 5 volts DC**

• Charging Time: 2-3 hours***

 Lithium-Ion Music Playback / Talk Time: 14 hours***

• Lithium-Ion Standby Time: 37 hours***

 AAA Battery Music Playback / Talk Time: 28 hours***

• AAA Battery Standby Time: 64.5 hours***

• Number of Batteries: 1

• Battery Weight: 10 g

• Battery Capacity: 500 mAh or 0.148 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: 440 g

• Packaged Dimensions: 17 x 11 x 14.5 cm

• Packaged Weight: 550 g

• Outer Carton Quantity: 20 units

• Outer Carton Dimensions: 57 x 36 x 33 cm

• Outer Carton Weight: 11.6 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.

