

Technical information

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| Model name | AC1A |
| GTIN | 05714464006786 |
| Conditions of Use | |
| FCC/IC | FCC ID: 2ACAHAC01 IC: 11936A-AC01 |
| Compatibility | Bernafon 2.4 GHz wireless hearing instruments |
| Dimensions | 53 x 27 x 18 mm; weight 27g |
| Operating conditions | Temperature: +5°C to +40°C (41°F to 104°F) Humidity: 15% to 93%, relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa |
| Storage and transportation conditions | Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage: Temperature: -20 °C to +60 °C (-4 °F to +140 °F) Humidity: 15% to 93%, relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa |

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| System features | Mobile phone headset (handsfree/headset profile) & stereo music (A2DP) Remote/Partner microphone |
| Remote control of HI | Volume, program shift and mute of microphones in hearing instruments |
| Battery ¹ | Typical daily use 16 hours: 2 hours audio streaming + 2 hours phone + 12 hours standby 36 h standby (turned on, no streaming) Charge time: 2 hours Battery total life expectancy: 80% capacity left after 720 charge/re-charge cycles |
| Audio quality ² | Stereo/20 kHz sample freq. |
| Audio bandwidth ² | 80 Hz – 10 kHz |
| Pairing details | Up to 8 paired Bluetooth® devices |
| Bluetooth® compliance | Version 4.2 + EDR |
| Bluetooth® profile support | Advanced Audio Distribution Profile (A2DP) 1.3 Headset Profile (HSP) 1.2 Hands-Free Profile (HFP) 1.6 including support for Wideband Speech |
| Wireless range ³ | 10 meters with Bluetooth® Class 2 devices (e.g. mobile phones) up to 20 meters between SoundClip-A and hearing instruments |
| Streaming frequency | 2.4 GHz (Bluetooth® band) |

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| Emissions | Max. 17 dBm e.i.r.p. in compliance with all relevant standards |
| Status indications | LEDs on the SoundClip-A. Acoustic signals in hearing instruments |
| Oasis ^{next} 2017.2 (or later) | Fitting of streaming programs |

¹ Using the supplied charger

² Actual audio performance depending on client's hearing instruments

³ Free line of sight between the SoundClip-A and other devices. Other devices operating in the 2.4 GHz band may interfere and reduce range.

The SoundClip-A contains a radio transceiver using Bluetooth, Bluetooth Low Energy (BLE) and a proprietary short range radio technology both working at ISM band 2.4 GHz. The GHz radio transmitters are weak and always below 50mW equal to 17 dBm in total radiated power. The SoundClip-A complies with international standards concerning radio transmitters, electromagnetic compatibility and human exposure.

Due to the limited space available on the SoundClip-A, relevant approval markings can be found in this booklet.