



Starkey | Evolv AI

CROS System

RIC R, RIC 312 & BTE 13

The Starkey CROS System includes products specifically designed for patients who need sound routed to a better hearing ear. The CROS solution transmits sound wirelessly from a microphone placed on a patient's unaidable ear to a receiver fitted on a patient's better hearing ear. Devices can also be configured as a BiCROS solution for patients who need amplification in their better hearing ear.

Evolv AI 2400 | 2000 | 1600 | 1200

Special Features

- Clear and consistent wireless streaming using 2.4 GHz + NFMI technology
- Acuity OS 2 brings audibility and speech understanding to patients in any environment
- Full Acuity Immersion Directionality on the CROS transmitter
- Telecoil standard in Evolv AI CROS receivers
- Compatible with 2.4 GHz accessories

Radio Information

| | |
|------------------------------|---|
| Antenna type: | Coil wrapped on ferrite core |
| Operation frequency: | 10.281 MHz NFMI |
| Occupied bandwidth (99% BW): | 400 kHz |
| Modulation: | 8 DPSK |
| Operating range: | 30 cm |
| Wearing options: | Receiver-In-Canal and Behind-The-Ear |
| Use case: | Streaming of audio signal to receiving hearing aid on the other ear |

General Information

Transportation and storage conditions for Zinc Air Products:

-40°C (-40°F) to +60°C (140°F) and 10%-95% rH. Your hearing aids are designed to operate beyond the range of temperatures comfortable to you, from very cold up to 50°C (122°F).

Transportation and storage conditions for the RIC R:

Your hearing aids and charger should be stored within the temperature and humidity ranges of -10°C (14°F) to +45°C (113°F) and 10%-95% rH. The charging temperature range is between 0°C (32°F) and 40°C (104°F). Your hearing aids are designed to operate beyond the range of temperatures comfortable to you, from very cold up to 40°C (104°F). At the maximum operating temperature of 40°C (104°F), the hearing aid case temperature may reach 42°C (108°F).

Safety Standards:

Meets IEC 60601-2-66 safety standard and IEC 60601-1-2 EMC standard.

Compatibility

Evolv AI RIC R CROS is compatible with Evolv AI RIC R

Evolv AI RIC 312 CROS is compatible with Evolv AI RIC 312

Evolv AI BTE 13 CROS is compatible with Evolv AI BTE 13

Battery Information

| Model | Battery size | IEC code | ANSI code |
|-----------------------|--------------|----------|-----------|
| Evolv AI RIC R CROS | N/A | N/A | N/A |
| Evolv AI RIC 312 CROS | 312 | PR41 | 7002ZD |
| Evolv AI BTE 13 CROS | 13 | PR48 | 7002ZD |

Audio Information

Audio Quality: 20 kHz sampling frequency

Standards Applied

| USA | Canada |
|------------------------------------|----------------------------------|
| RIC 312 FCC ID: EOA-24LIVIOR312 | RIC 312 IC: 6903A-24LIVIOR312 |
| RIC R FCC ID: EOA-24LIVIORCHG | RIC R IC: 6903A-24LIVIORCHG |
| BTE 13 FCC ID: EOA-24LIVIOB13 | BTE 13 IC: 6903A-24LIVIOB13 |