



Audibel | Arc AI

CROS System

RIC R, RIC 312 & BTE 13

The Audibel 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.

Arc 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 Arc 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

Arc AI RIC R CROS is compatible with Arc AI RIC R

Arc AI RIC 312 CROS is compatible with Arc AI RIC 312

Arc AI BTE 13 CROS is compatible with Arc AI BTE 13

Battery Information

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

Audio Information

Audio Quality: 20 kHz sampling frequency

Standards Applied

USA	Canada
RIC 312 FCC ID: EOA-24VIAR312	RIC 312 IC: 6903A-24VIAR312
RIC R FCC ID: EOA-24VIARCHG	RIC R IC: 6903A-24VIARCHG
BTE 13 FCC ID: EOA-24VIAB13	BTE 13 IC: 6903A-24VIAB13