



# Starkey | Technical Data

# CROS System

## RIC RT

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.

## Genesis AI

### Special Features

- Clear and consistent wireless streaming using 2.4 GHz + NFMI technology
- Starkey's patented Neuro Sound Technology brings audibility and speech understanding to patients in any environment
- Telecoil standard in Genesis AI CROS receivers
- Compatible with 2.4 GHz StarLink accessories

### Compatibility

Genesis AI RIC RT CROS is compatible with Genesis AI RIC RT

### Lithium Ion Battery Information

Model	Battery size	IEC code	ANSI code
Genesis AI RIC RT CROS	N/A	N/A	N/A

### 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
Use case:	Streaming of audio signal to receiving hearing aid on the other ear

### Audio Information

Audio Quality: 20 kHz sampling frequency

### Standards Applied

USA	Canada
RIC RT FCC ID: EOA-24GENMACRO	RIC RT IC: 6903A-24GENMACRO

### General Information

#### Transportation and storage conditions for the RIC RT:

Your hearing aids should be stored and transported within the temperature, humidity, and pressure ranges of -10°C (14°F) to +45°C (113°F), 10%-95% rH, and 70 kPa – 106 kPa (equivalent to altitudes from 1,200 ft (380 m) below sea level to 10,000 ft (3,000 m)). The charging temperature range is between 10°C (50°F) and 40°C (104°F) and between 10%-95% RH and 70 kPa-106 kPa. Your hearing aids are designed to operate beyond the range of temperatures comfortable to you, from 0°C (32°F) up to 40°C (104°F).

#### Safety Standards:

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