Oticon CROS
Quick Fitting Guide

The Oticon CROS transmitter coupled with a compatible Oticon hearing aid (see overview below) is a solution for people with single-sided deafness (SSD).

A CROS fitting is appropriate when hearing on the better ear is normal, whereas a BiCROS fitting is appropriate when hearing on the better ear is impaired and hearing loss must be compensated for.

In this guide, both fitting scenarios are described in a few simple steps.

Hearing aid families compatible with Oticon CROS	Opn S™ (1, 2)	Xceed (1, 2, 3)	Opn Play™ (1)	Xceed Play (1, 2)	(Updated to firmware version 8.0)
Hearing aid styles compatible with Oticon CROS	miniRITE T	miniRITE	miniRITE R	BTE Plus Power	BTE Super Power	BTE Ultra Power

1. Place CROS transmitter and receiving hearing aid within 8-12 inches of each other on a table or on the patient's ears.

2. **Family/Selection step:**
    Detect the hearing aid on the better ear. If the hearing aid family and/or style supports a CROS fitting, the CROS transmitter will appear for selection in the Style list for the other ear.

    The CROS transmitter only exists as a miniRITE T style.

3. **Selection step:**
    Select CROS transmitter for non-hearing aid ear. Once selected, the CROS transmitter and receiving hearing aid will automatically pair.

    The CROS transmitter is not detected or connected to the software, but it is actively streaming throughout the fitting. Make sure both devices have fresh batteries (or are fully charged) and are turned on.
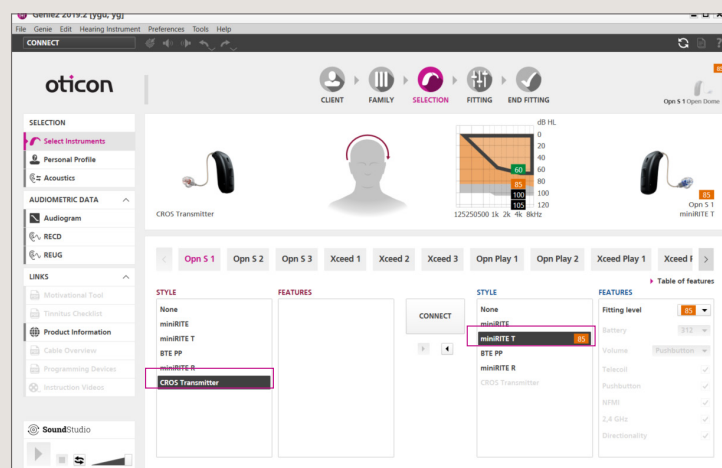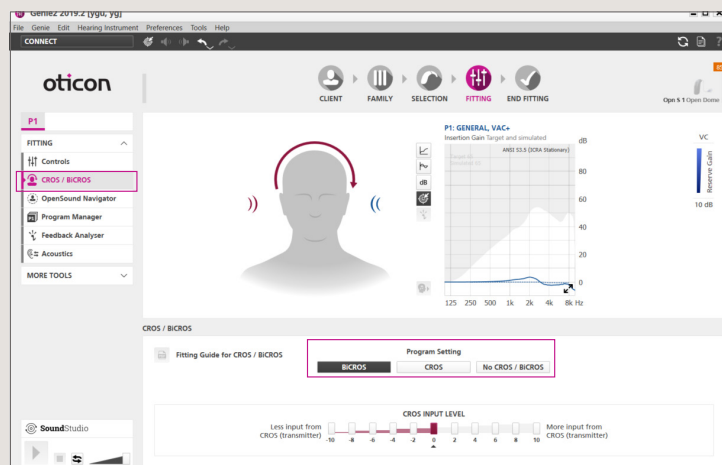

4. **Fitting step:**
    The patient can now hear streamed sound from the CROS transmitter in the receiving hearing aid.

    Check active streaming by running finger along the transmitter microphone and listen for the microphone activity in the receiving hearing aid.

5. **Fitting step:**
    Go directly to CROS/BiCROS tab in left taskpane to select mode: BiCROS, CROS, or No CROS/BiCROS.

    The selection of mode controls which microphones are in use. It is possible to create several programs in the hearing aid, each with its own mode.

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6. Fitting step, CROS mode:
Ask your patient to listen to the sound coming from the right and left sides to determine appropriate transmission level. In CROS mode, the hearing aid microphone is off by default.

In Fine-tuning, choose appropriate adaptation step (1,2 or 3) and adjust overall gain of transmitted signal as needed.

Go to step 8.

7. Fitting step, BiCROS mode:
It is possible to adjust the balance of sound coming from the CROS transmitter versus the receiving hearing aid where the microphone is by default on.

The Balance trimmer adjusts the CROS transmitter input level in 2 dB steps.

As a default, it is set to 0, meaning equal sound from the transmitter and receiver, respectively, entering the ear canal.

The receiver input level is fixed but can be adjusted in the overall gain in the Fine-tuning tab.
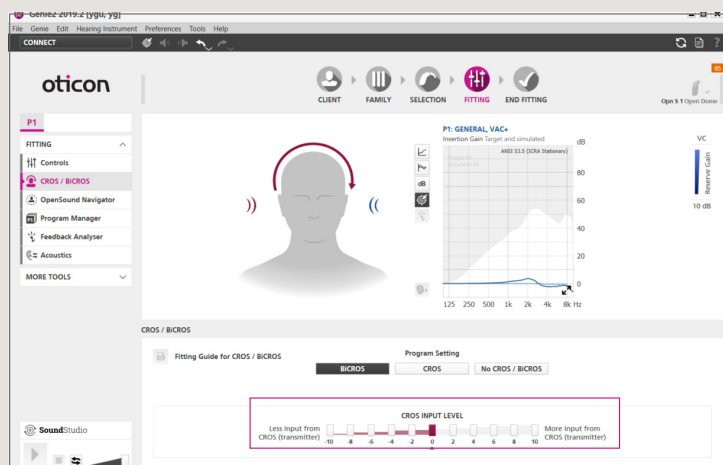
8. End Fitting step:
It is not possible to configure buttons and indicators for the CROS transmitter, but under the Operate Push Button tab, it is possible to see how buttons are configured on the transmitter.

Be aware that beeps are configured to be High Frequency for transmitter alerts, whereas receiving hearing aid alerts are Medium Frequency by default.

If no changes to beeps are made by the hearing care professional, beeps will sound different from the transmitter versus receiver to help the patient distinguish between the two more easily.
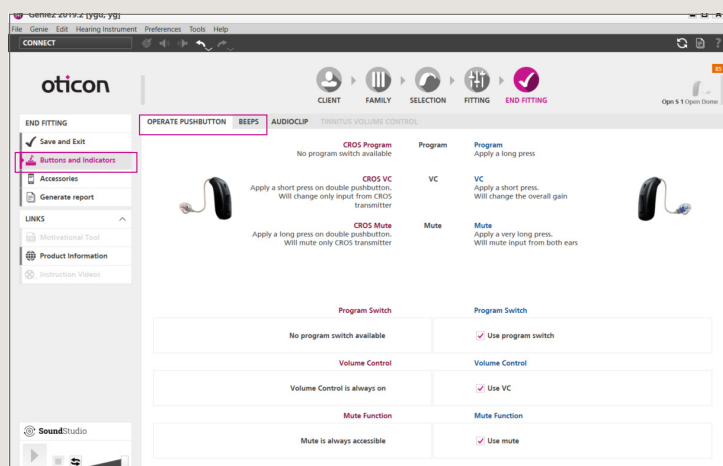
9. Save and Exit.

Genie 2 features without CROS transmission
In Feedback Analyzer, In-situ Audiometry and Technical Measurements, CROS transmission is not available so as not to interfere with measurements.

CROS transmission continues after exiting these functions in Genie 2.

Oticon CROS fittings and Real Ear Measurements (REM)
To objectively verify how the CROS transmitter is functioning and overcoming the head shadow effect, it is possible to run a REM measurement within the REM AutoFit tool in Genie 2 with the transmitter actively streaming.

No specific REM AutoFit CROS protocol exists, but a general CROS REM verification guide is available from Oticon.

If an active transmitter is not desired during REM, it must be muted on the physical device.

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