



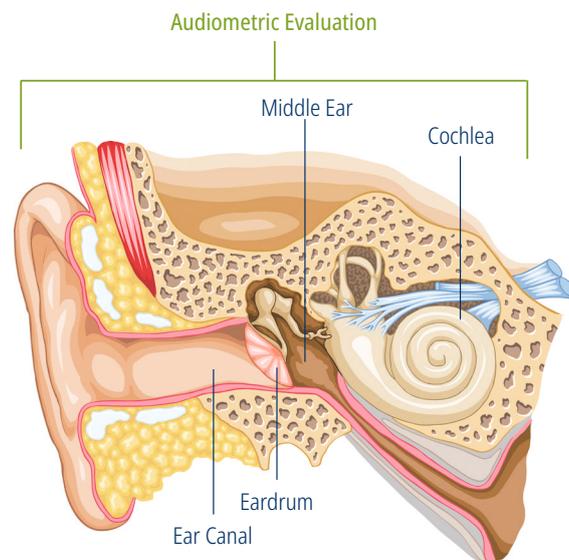
# easyDigits

Smarter Screening for Real-World Hearing

## Digit Triplet Test – A Speech-In-Noise Test

The Digit Triplet Test (DTT) is a validated method for assessing hearing in real-world conditions, particularly in noisy environments. By presenting sequences of three digits with background noise, it measures an individual's ability to recognize speech in noise, addressing one of the first challenges faced by those with hearing loss.

As an adaptive speech-in-noise (SPIN) test, the DTT ensures reliable results by dynamically modifying test parameters based on user responses. Unlike traditional audiometric tests conducted in silence, the DTT focuses on real-world listening challenges, making it a valuable tool for early detection and ongoing hearing assessments.



## Applications

### Childhood Screening

Early identification of hearing issues in children is crucial for effective care. The 3/1000 prevalence of permanent hearing loss in infants can be expected to increase to 9-10/1000 children in the school-age population, making early screening essential.

Children who recognize spoken numbers can easily undergo testing with the Digit Triplet Test – and even those who don't yet know written numbers can take part with help from an adult. This allows for earlier detection and support when it matters most.

#### Noisy school environment

The Digit Triplet Test (DTT) is highly beneficial for schools as it provides an accurate way to assess students' hearing in everyday noisy environments. It effectively evaluates students' hearing in everyday conditions, making it a practical and efficient solution for busy school settings.

### Adult Screening

Hearing loss often affects everyday interactions, making it difficult to follow conversations, hear announcements, or understand speech in noisy environments. The most common complaint among adults is difficulty hearing speech in background noise.

SPIN tests are highly sensitive to detecting noise induced and age-related hearing losses and are ideal for professionals across various fields.

- ➔ Audiology / ENT / Clinics
- ➔ General Practitioners
- ➔ Hearing Aid Dispensers
- ➔ Occupational Health



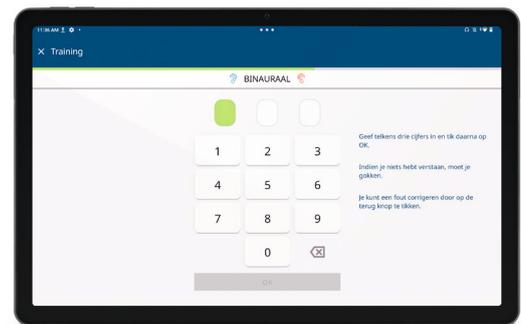
## easyDigits – Features at a Glance

- Digit Triplet Test in Dutch (Flemish) and French
- Automatic self-test
- Reliable results within 5 minutes
- SRT result with pass/refer indicator
- Portable set-up with tablet
- Circumaural headphone DD65 v2 with high attenuation
- Customizable test report
- CE 0123 marking according to the Medical Device Regulation



## Speeding Up Testing with Digit Scoring Method

Digit Scoring offers a streamlined approach to Digit Triplet Test (DTT) with traditional triplet scoring by adjusting the test based on the number of individual digits correctly identified. This method ensures faster results and more efficient testing, ultimately saving time while delivering reliable outcomes. Choose Digit Scoring for quicker, more precise testing tailored to your needs.



## Test Procedure

A self-test on the tablet can be started by the screener or the subject once the headphones are on. The test begins with a conditioning phase, where the subject listens to easily recognizable digit sequences binaurally to familiarize themselves with the process.

In the test phase, digits are presented monaurally, and subjects input them in order with the help of synchronized highlights to aid understanding and focus. After testing both ears, results are displayed as SRT results with Pass or Refer indicator.

## Data Management

Display test results instantly as clear charts with Pass/Refer results. Create customized reports, save to your tablet, or share via e-mail – within just a few clicks! Connect to your PC for seamless XML file and PDF report export and simplify your workflow with easyDigits!



## easyDigits – Components & Accessories



AC headphone  
DD65 v2



Android™ tablet  
with tablet case



easyDigits app



MAICO Diagnostics GmbH  
Sickingenstr. 70 - 71 · 10553 Berlin · Germany  
Tel.: +49 30 / 70 71 46-50  
sales@maico.biz · www.maico.biz



09/2025