

QUICK START GUIDE

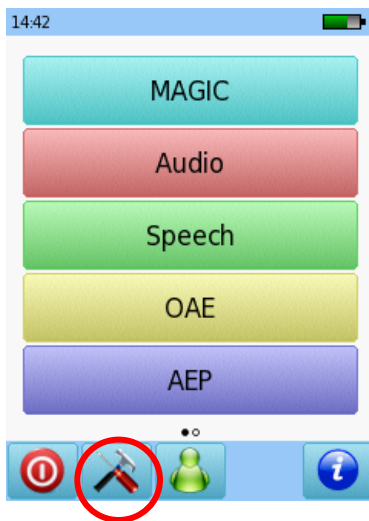
SENTIERO PROTOCOLS

The tables in this document summarize the factory presets for the different test modules available on the Sentiero platform.

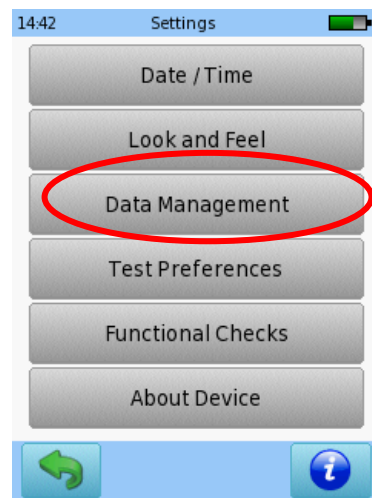
Please note that the following protocols apply to Sentiero devices without preset configurations. For US preset configurations, models SOH00, SOH01, SOH02, SOH03, SOH04, SOH05, SOD01, SOD02, SOD03, SOD04, SOD06, SOD07, SOD08, SOD09, please refer to Quick Start Guide 100800-23_US_Sentiero Protocols Quick Start Guide

How to restore factory presets

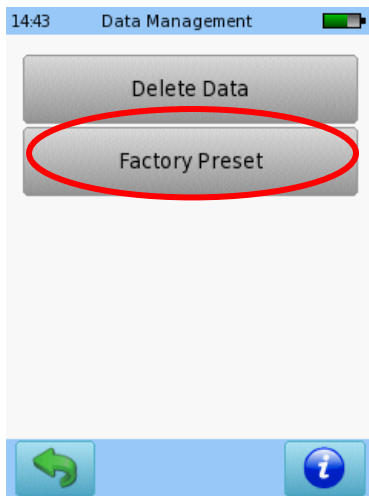
1. On the main menu, select the Tools icon
(Please note that the test modules available may vary depending on your device configuration)



2. Select Data Management



3. Select Factory Preset



4. Choose Yes to restore factory presets



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MAGIC PROTOCOLS

| | 8f Audio | 4f Audio | 20/25dB | Screen40dB | 20-40-60dB |
|---|-----------------------------|-------------------|--------------------------------|-----------------------|-------------------------------|
| Test type | Audio | Audio | Screen | Screen | Screen |
| Frequency [kHz] | 0.25, 0.5, 1, 2, 3, 4, 6, 8 | 0.5, 1, 2, 4 | 0.5, 1, 2, 4 | 0.5, 1, 2, 4 | 0.5, 1, 2, 4 |
| 5 kHz instead of 6 kHz | Off | Off | Off | Off | Off |
| Stimulus type | Pure tone, 1 tone | Pure tone, 1 tone | Pure tone, 1 tone | Pure tone, 1 tone | Pure tone, 1 tone |
| Hide level | Off | Off | Off | Off | Off |
| Initial / Minimum / Maximum level [dB HL] | 40, 5, 80 | 40, 5, 80 | N/A | N/A | N/A |
| Level matrix [dB HL] | N/A | N/A | 20 @ 1, 2, 4 kHz; 25 @ 0.5 kHz | 40 @ 0.5, 1, 2, 4 kHz | 20, 40, 60 @ 0.5, 1, 2, 4 kHz |
| Skip animal shelf | On | On | N/A | N/A | N/A |
| Start with instruction phase | N/A | N/A | On | On | On |

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AUDIOMETRY PROTOCOLS

| | Screen | AC unmasked | Threshold | Auto | Audio5 |
|-----------------------------|---------------|--|--|---------------------|--|
| Protocol | Screen | Diag | Expert | Auto Audio | Expert |
| Stimulus | Pulsed | Pure tone | Pure tone | Pure tone | Pure tone |
| Initial level [dB HL] | 40 | 40 | 40 | 40 | 40 |
| Minimum duration | On | On | Off | Off | Off |
| Bilateral audiogram | Off | Off | Off | Off | Off |
| Auto Audio protocol | N/A | N/A | Békésy | Hughson-Westlake | Hughson-Westlake |
| Auto audio frequencies [Hz] | N/A | N/A | 500, 1k, 2k, 4k, 8k | 500, 1k, 2k, 4k, 8k | 500, 1k, 2k, 4k, 8k |
| Test both ears | N/A | N/A | On | On | On |
| Skip familiarization | N/A | N/A | Off | Off | Off |
| Audio test frequencies [Hz] | 1k, 2k, 4k | 125, 250, 500, 750, 1k, 1.5k, 2k, 3k, 4k, 6k, 8k | 125, 250, 500, 750, 1k, 1.5k, 2k, 3k, 4k, 6k, 8k, 9k, 10k, 11.2k, 12.5k, 14k, 16k (9k to 16k available only with PTA_HF additional license) | N/A | 125, 250, 500, 750, 1k, 1.5k, 2k, 3k, 4k, 6k, 8k |

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DPOAE QUICK PROTOCOLS

| | Screen | Standard | Quick 3 | Quick 4 | Quick 5 |
|-------------------------------|---------------|-----------------|----------------|--------------------------|--------------------------|
| Frequency [kHz] | 2, 3, 4, 5 | 2, 3, 4, 5 | 2, 3, 4, 5 | 1, 1.5, 2, 3, 4, 5, 6, 8 | 1, 1.5, 2, 3, 4, 5, 6, 8 |
| Overall criterion | 3/4 | 4/4 | 3/4 | 8/8 | 8/8 |
| Single SNR criterion [dB] | 12 | 12 | 12 | 12 | 12 |
| As fast as possible | On | Off | On | Off | Off |
| Multichannel DPOAE | On | On | On | On | On |
| FMDPOAE | On | On | On | On | On |
| Level [dB SPL] | 55 | 55 | 55 | 55 | 55 |
| Max. number of recalibrations | 1 | 10 | 1 | 10 | 10 |

DPOAE DIAGNOSTIC PROTOCOLS

| | 1-8kHz | L₂55/L₁65 | L₂55,45,35 | HiFreq | Diag 5 |
|---|---------------|--|------------------------------|---------------|---------------|
| Frequency setup | Logarithmic | Standard | Standard | Logarithmic | Linear |
| Frequency [kHz] | N/A | 1, 1.5, 2, 3, 4, 5, 6, 8 | 1, 1.5, 2, 3, 4, 5, 6, 8 | N/A | N/A |
| Start/stop frequency [kHz] | 1, 8 | N/A | N/A | 2, 10 | 1, 8 |
| Frequency stepsize (Log.: pts/oct, Lin: Hz) | 2 | N/A | N/A | 10 | 1000 |
| Multichannel DPOAE | On | On | On | On | On |
| FMDPOAE | On | On | On | On | On |
| Level [dB SPL] | 55 | 55 | 55, 45, 35 | 55 | 55 |
| L2/L1 | Auto | L ₂ + 10 | Auto | Auto | Auto |
| Single SNR criterion [dB] | 12 | 12 | 12 | 12 | 12 |
| Min. level criterion [dB] | -5 | -5 | -5 | -5 | -5 |
| Retest | Off | Off | Off | Off | Off |
| Timeout mode | Adaptive | Adaptive | Adaptive | Adaptive | Adaptive |
| Pressurized OAE (Available only on Sentiero Desktop) | Off | Off | Off | Off | Off |

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DPOAE THRESHOLD PROTOCOLS

| | Audio Full | AudioQuick | PRESET 3 | PRESET 4 | PRESET 5 |
|-------------------------------|-----------------------------|-------------------|-----------------|-----------------|-----------------|
| Frequency [kHz] | 1, 1.5, 2, 3, 4, 5, 6, 8 | 2, 3, 4, 5 | 2, 3, 4, 6 | 2, 3, 4, 6 | 2, 3, 4, 6 |
| L ₂ min [dB SPL] | 25 | 25 | 25 | 25 | 25 |
| L ₂ start [dB SPL] | 60 | 40 | 60 | 60 | 60 |
| Multichannel DPOAE | On | On | On | On | On |
| FMDPOAE | On | On | On | On | On |
| Allow Retry | On | Off | Off | Off | Off |

TYMPANOMETRY PROTOCOLS (Sentiero Desktop only)

| | TY+REF | QUICK | CLINICAL | 1000 Hz | MULTIFREQ |
|---------------------------------|----------------------|--------------|----------------------|----------------|------------------|
| Minimum pressure [daPa] | -200 | -200 | -600 | -200 | -200 |
| Maximum pressure [daPa] | +200 | +200 | +400 | +200 | +200 |
| Pressure speed [daPa/s] | 150 | 200 | 200 | 150 | 150 |
| Auto Start | On | On | On | On | On |
| Auto Stop | Off | Off | Off | Off | Off |
| Manual pressure | Off | Off | Off | Off | Off |
| Probe tone frequency [Hz] | 226 | 226 | 226 | 1000 | 226, MF |
| Reflex mode | If peak within norm | Never | Always | Never | Never |
| Reflex frequency [Hz] | 1000 | N/A | 500, 1000, 2000 | N/A | N/A |
| Reflex start/stop level [dB HL] | 85,85 | N/A | 80,95 | N/A | N/A |
| Reflex detection threshold [ml] | 0.02 | N/A | 0.02 | N/A | N/A |
| Repeat to confirm | Off | N/A | Off | N/A | N/A |
| Reflex pressure | Most compliant point | N/A | Most compliant point | N/A | N/A |

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DIAGNOSTIC ABR PROTOCOLS (Sentiero Advanced only)

| | CHIRP 35 | 60..30dB | FIXED75..35dB | RATE-MODE | BC-ABR |
|---------------------------------|-----------------|-----------------|----------------------|------------------|-----------------------|
| Stimulus type | Chirp | Chirp | Click | Click | Click |
| Rate mode | Off | Off | Off | On | Off |
| Stimulus polarity | Alternating | Alternating | Alternating | Alternating | Alternating |
| Masking noise | Off | Off | Off | Off | On |
| Masking noise level offset [dB] | N/A | N/A | N/A | N/A | 0 |
| Levels [dB nHL] | 35 | 60, 50, 40, 30 | 75, 50, 35 | 70 | 50, 40, 30 |
| Stimulus rate [Hz] | 90.4 | 90.4 | 30.7 | 20, 40, 81 | 81.2 |
| Averages | 15000 | 6000 | 4000 | 4000 | 6000 |
| Spread Spectrum | On | On | On | On | On |
| Automated J5 | On | On | On | On | On |
| Auto Proceed | On | On | Off | Off | On |
| Auto Stop | On | On | Off | Off | On |
| 30 Hz cutoff | Off | Off | Off | Off | Off |
| Noise stop criterion [nV] | 10 | 10 | 10 | 10 | 10 |
| Minimum J5 amp [nVpp] | 20 | 20 | 20 | 20 | 20 |
| Normative data age group | Newborn | Ask before test | Ask before test | Adult | Don't show normatives |

ASSR PROTOCOLS (Sentiero Advanced only)

| | Fixed 40 Hz | Thres 40Hz | Fast Thres | Fine Thres | FastScreen |
|-----------------------------|--------------------|-------------------|-------------------|----------------------------|-------------------|
| Stimulus bandwidth | ½ octave | ½ octave | octave | ½ octave | 2 octaves |
| Frequency [kHz] | 0.5, 1, 2, 4 | 0.5, 1, 2, 4 | 0.5, 1, 2, 4 | 0.5, 1, 1.5, 2, 3, 4, 6, 8 | 0.5, 2, 6 |
| Masking noise | Off | Off | Off | Off | Off |
| Test mode | Fixed | Adaptive | Adaptive | Adaptive | Fixed |
| Level [dB HL] | 40 | N/A | N/A | N/A | 40 |
| Start/Min/Max level [dB HL] | N/A | 60, 20, 80 | 60, 20, 80 | 60, 20, 80 | N/A |
| Stimulus rate [Hz] | 40 | 40 | Auto | Auto | Auto |
| Averages [sec] | 360 | 360 | 360 | 360 | 360 |
| Noise stop criterion [nV] | 2 | 2 | 2 | 0 | 0 |

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Quick Guide Information

Release date: 2019-04
Revision: 02
Valid from: Firmware Rev. 2.5, Mira PC Software Rev. 2.0
Applies to: All PATH devices

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