

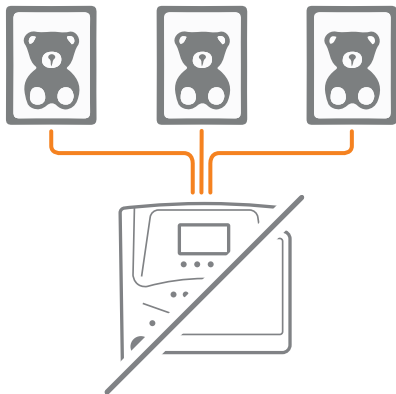
Solutions for VRA and CPA testing

Pediatric Audiometry



The **Piano Plus VRA** and **Cello** audiometers allow you to carry out pediatric audiometry tests in the two traditional modes: **VRA** (Visual Reinforcement Audiometry) and **CPA** (Conditioned Play Audiometry). The pediatric audiometry exam involves the use of visual stimuli (or reinforcements). With Cello and Piano Plus VRA it is possible to use **up to three** visual reinforcements of two types:

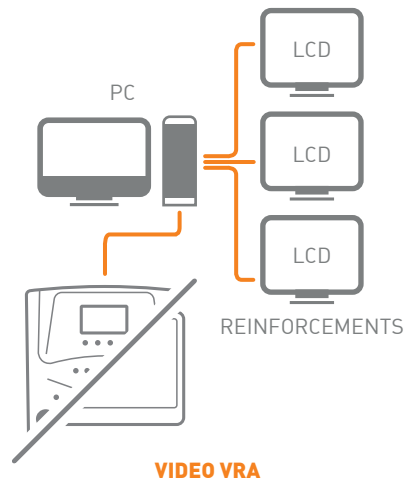
Traditional visual reinforcements: up to three illuminated games connected directly to the audiometers



TRADITIONAL VRA



Visual reinforcements Video: up to three LCD displays (in front and at the sides of the patient), on which images or videos can be displayed (standard or customizable by the user)



A combination of both: With the Piano Plus VRA and the Cello it is possible to combine the use of traditional conditioning methods, i.e. playpens, and video reinforcements, alternating the type of reinforcement used.

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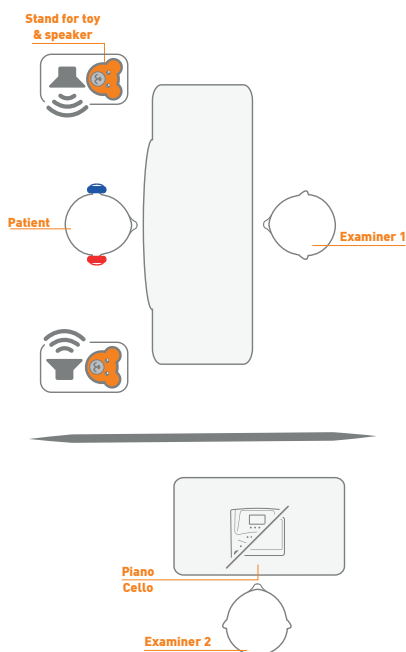
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There is also the possibility of:

- use a webcam to view the child's face while the exam is performed
- create a complete set-up including: table for infant audiometry system and game stand and speaker



Audiometers: Piano Plus VRA and Cello

- Infant Audiometry (VRA) and Conditioned Infant Audiometry (CPA)
- High-frequency audiometry: 8 to 20 kHz (18 and 20 kHz not shown in audiogram)
- SISI, Stenger, QuickSIN® test (optional), Master Hearing Aid
- Assistant monitor: possibility for the operator to communicate with a second operator (e.g. a parent close to the child during the exam)

Only with **Piano Plus VRA** you will have:

- A hybrid clinical audiometer: standalone (perform the test from the audiometer and then transfer it to the Maestro software)
- TEN test, DLI
- Multi Frequency: resolution selectable between 1/3, 1/6, 1/12 and 1/24 octave
- Bekesy: 125 Hz to 8 kHz fixed or sweep frequency, continuous or pulsed tone
- Masking Level Difference (MLD): signal and/or noise out of phase
- touch screen display: 7" diagonal, 150 mm x 90 mm
- internal memory for speech material

Only with **Cello** you will have:

- PC based audiometer
- possibility of using it with the Maestro Control Panel (MCP)



- buttons on the Maestro Control Panel (MCP) for using the VRA

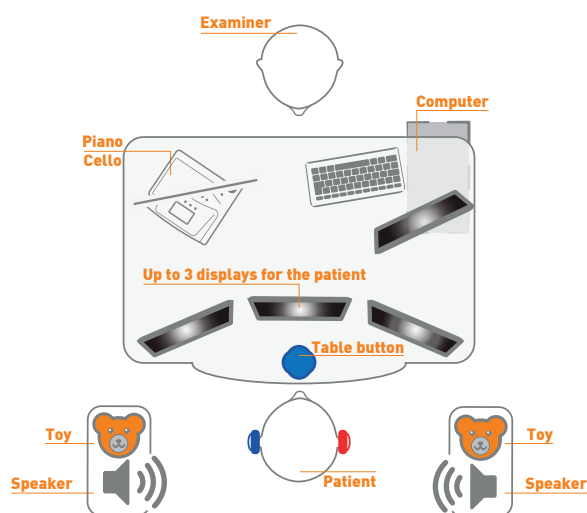


Image of a complete VRA system with Piano Plus VRA or Cello

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