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The **PARROT** EAL

Speech Discrimination Tester
English as an additional language

Please take a few moments to read these instructions as this will ensure that you get the best possible results from your

PARROT.

Performing the EAL Toy Discrimination Test

Using the boxed set of EAL toys, bring out each toy in turn and encourage the child to name it. Any toy that the child cannot identify, should not be included (the second toy in the pair should also be removed). You should include as many toys as possible, with a minimum of two pairs being required for a valid test to be performed.

T o y P a i r s	
KEY	SWEET
STAR	CAR
BUS	BRUSH
CUP	DUCK
PLANE	PLATE
SHOE	SPOON
EGG	BED

Having prepared a suitable display of toys, you should indicate that the child should point to the relevant toy when he hears its name. For some children a training stage with the dB dial set to 70 or 80 dB may be necessary in order to satisfy the tester that the test has been understood by the subject. When satisfied, return the dB dial to 40 dB for the test to commence.

A child with normal hearing should be able to identify the toys present at a dB dial setting of 40dB. The criteria for passing the test is an 80% correct score (four correct responses out of five requests). If this is not the case, then you should repeat the test at increasing levels until an 80% correct score is achieved. The final dB level required should be quoted in your report; e.g. a level of 60 dB(A) was required before the child achieved an 80% score.

Current recommendations suggest that any child who is unable to identify all the toys at a hearing level of 40 dB should be referred to a specialised audiology centre further testing.

When testing some children, it may be necessary to space the toys further apart and use eye pointing responses. Occasional shuffling of the toys will often help regain the interest of a child with a short attention span. When only a few items are used, more repetition will be required in order to ensure consistent aural discrimination.

You should pay particular attention to children who look to you for visual clues, or those who have a habit of pointing one ear to the speaker during the test.

The Parrot now includes both male and female voices and a choice of two carrier phrases. These can be selected at any time during the test and the Parrot will remember how it was last used even when switched off.

To toggle between male and female voice, press and hold the **shift** key and at the same time press **key**.



To toggle the Parrot carrier phrase between 'show me' and 'where's', press and hold the **shift** key and press **sweet**.



Calibration of Hearing Tests

The Parrot has been factory calibrated in free field conditions such that the dB dial setting is equivalent to a dB(A) reading with the speaker positioned 75cm from the subject. This is the length between the two marks on the white connecting cable. If a calibration check is required, the following procedure should be used:

- Position a sound level meter in place of the test subject at roughly the same height as the child's head.
- Set the dB dial to 70dB and press the 'Noise' key to produce a calibration noise.
- Move the speaker to a distance which produces a reading of 70dB(A) on the meter.

Monitoring Battery Condition

The Parrot is powered by a 6 volt battery contained within the speaker housing. You should expect to get more than 30 hours of continuous use before the battery needs re-charging. With normal use, it should give years of trouble free service.

A low battery voltage is indicated by the On/Low battery indicator changing from green to red. This will initially be observed whenever a key is pressed. You may continue to use the Parrot for a further one to two hours. After this time, the low battery indicator will stay red all the time. It is no longer possible to guarantee the sound quality or calibration accuracy of the speech produced in this condition. You should stop using the Parrot and re-charge the battery.

Re-Charging the Battery

Should the On/Low Battery indicator fail to light then the battery is completely exhausted and should be re-charged as soon as possible. Leaving your battery discharged for long periods may significantly shorten its life. The charger senses the battery condition and re-charges the battery in the shortest possible time. It will normally recover batteries from a completely discharged condition without any intervention.

Under no circumstances should you attempt to re-charge the battery with any device other than the charger supplied with the Parrot. Failure to observe this instruction may result in serious damage.

To get best use from the charger and maximise the life of your battery, the following instructions must be observed:

- Disconnect the 5 pin plug from the rear of the Parrot speaker housing (if connected).
- Connect the battery charger to the rear of the Parrot speaker housing.

- Plug the charger into a suitable mains socket, and switch on the mains power. The red light on the charger housing will light up. After a few hours, the red light should go out and the green light come on, to indicate that the battery is fully charged. If the charger is left in this condition, no damage will result. It is not possible to 'overcharge' the battery with the charger supplied.
- Switch off the mains and disconnect the charger from the speaker housing.

Your Parrot is now ready for use.

