# **NOIT Use and Care**



#### Dear NOIT User,

Thank you for your purchase. You have just invested in state of the art technology for assisting individuals to learn new life skills and participate more fully in life. Some of the skills the NOIT can help to improve are:

- maintaining focus and attention
- following instructions
- social skills
- receptive and expressive language skills
- balance and hand/eye coordination
- improving and harmonizing perceptions

To assist you in using the NOIT you may choose to contact a licensed Davis Facilitator. You can access a list to find one in your area here: <a href="https://www.dyslexia.com/providers.htm">www.dyslexia.com/providers.htm</a>

# Please access the NOIT Research website at <a href="www.noitresearch.org">www.noitresearch.org</a> to:

- order replacement pads (if this is not possible, call 1-888-999-3324 to order)
- watch a short video on the use and care of the NOIT unit
- access translations of this manual in other languages
- contact us for further assistance.

Sincerely,

The NOIT Research Team

1601 Bayshore Hwy. Suite 260, Burlingame, CA 94010

# **Please Read Before Use**

Do not immerse in water.

Do not apply the gel pad over a wound, lesion, infection, or inflamed area.

Do not use while driving.

Do not use while sleeping.

Keep out of reach of animals and small children.

This product is not recommended for use by non-verbal autistic individuals that have a history of self-harm or aggression toward others, and/or are beginning or in the middle of puberty without prior consultation with a Davis Autism Approach® Facilitator-Coach.

#### Start Guide

Remove the NOIT from the metalized pouch by cutting the pouch between the welded seal and zip-seal. Save the pouch for over-night storage. The NOIT unit is already attached to a gel pad. The unit needs charging before use.

Remove charger cord from the plastic bag. If charging is to be done via USB computer port, plug the cord into the USB port and into the NOIT. The NOIT must be turned off (switched to the left) while charging. The computer must be turned on for charging to occur.

If charging is to be done via household electrical current, remove the USB adapter plug from plastic bag. Plug the charger cord into the USB adapter plug and the NOIT. Plug the USB adapter plug into a wall socket.

The NOIT case, above the on/off switch, will glow red while charging. When the glow turns green, the unit is fully charged.

The NOIT battery is not harmed if left plugged into a charging source overnight. However, it is recommended that when the charging is complete, the NOIT and pad be returned to the metalized pouch for storage.

NOIT application: The area of application is on the midline of the back above the shoulder blades (below the collar line). The skin in the area of application should be free of moisture, soap, creams, hair, and dried skin. The area must be free of wounds, lesions, infection, or inflammation. Wipe the area with a "wet wipe" or equivalent. Insure that a moisturizer isn't included in the wipe. The area must be dry before the NOIT is applied.

When ready for use, set the volume to 4. Turn the unit on by switching the on/off switch to the right. Press the plus (+) button on the top of the case.



The unit will say the volume setting. If the setting said is 4, the unit is ready for use. If the setting said is above 4, press the minus (-) button as many times as needed until the 4 setting is said. If the setting said is below 4, press the plus (+) button as many times as needed until the 4 setting is said.

Remove the protective liner from the back of the gel pad. Keep the protective liner for reapplication when the NOIT is removed. Apply the gel pad to the prepared area. If the User comments on the volume, adjust the volume to the User's satisfaction.

When the use interval is completed, remove the unit from the User's back by gently peeling the gel pad free. Place the protective liner on the pad and plug the unit into the charging system. When charging is complete, place the NOIT with its attached pad into the pouch and zip it closed.

If you need assistance, please contact NOIT Research at admin@noitresearch.org.

## Use and Care of the NOIT

#### **NOIT** configuration:

While you are reading this, it is helpful to have your NOIT. The unit itself is a printed circuit board with all of the necessary components protected inside the outer covering. On the back there is a connector port for the attachment of the gel pad. NOTE: There is not sufficient electrical charge to cause a shock if you touch the inside of the connector port. The gel pad is protected on the sticky side by a removable plastic liner. Depending on the pad configuration you are using, you may see two shiny brass disks that are a little more than an inch in diameter.

#### **Instructions for applying the NOIT:**

Before putting the NOIT on, preset the volume by pushing the + and - buttons. You will hear a voice announcing the volume setting. The sound of the ting will be louder to the person wearing the unit when it is attached than it is to someone not wearing the NOIT, so preset the volume to be quietly audible. We suggest the volume be set at 4 initially. Avoid pressing the + and - volume setting buttons at the same time.

Once the volume is preset, hold the (turned on) unit about six inches from the User's head. If the User immediately has a negative reaction to the sound, the volume is too high. Turn the volume down, and try again. NOTE: Some individuals have hyper or acute hearing so be cautious with the volume. After a period of continuous use, the hyper or acute hearing phenomenon may reduce and the volume may need to be rechecked and reset.

Remove the liner from the pad by peeling it from one corner. Keep the liner for later re-application. Grasp the NOIT from the sides, with the connector ports down. Position the pad over the proper place and gently press it into position. The entire pad should be in contact with the skin. You may need to smooth down the edges. The proper place will be over the midline of the spine area just above the shoulder blades. The word NOIT should be right side up.

**VERY IMPORTANT!** User skin preparation: The NOIT gel pad requires skin free of moisture, soap, creams and hair to properly adhere. It is highly suggested that any hair in the area be shaved or removed with hair removal cream. If a wet

wipe is used to clean the area before application, ensure that the wet wipe does not contain moisturizer. The pad should only be applied to unblemished clean skin, in the proper place on the midline of the back, just above the shoulder blades. Do not apply the pad over a wound, lesion, infection, or inflamed area.

# **Removing the NOIT:**

When removing the NOIT, ensure that you gently peel the gel pad off with the unit attached. Grasping only the NOIT unit to pull off the pad may result in damage. The NOIT should be removed from the User before sleeping and bathing. After removal, re-apply the plastic liner to the gel pad.

#### Care:

Essentially there are two parts to the NOIT— the unit and the gel pad. The unit is reasonably rugged and needs only reasonable care in handling. If the unit must be cleaned it can be wiped with a moist cloth or a "moist wipe." It should never be immersed in water.

The gel pads can be gently sponged off with a damp wipe to remove the "skin dust" and lint that can accumulate from use. A wet finger and a fingernail to remove the lint around the edges, being careful not to scratch the gel off the pad, can also be effective. Do not use any kind of soap or detergent on the pads. If the gel pad has been moistened and is over-saturated, it should be placed sticky side up, uncovered, in the refrigerator until the tackiness has returned, usually a couple of hours. If the gel pad loses its tackiness from drying out or because of age, spread a few drops of water on the gel and put it in the refrigerator as above. NOTE: The pads should not be left in the refrigerator for more than two hours.

#### Determining if the gel pad is working correctly:

There is a way to ensure that the gel pad is correctly creating the stereo sound. When the volume is changed, the NOIT says a word to indicate the new volume level from one to seven. However part of the word will be missing if the pad is not functioning correctly. For example, if you hit the button and hear "four" then all is well. However, if you hear "f" or "or" then the pad should be replaced even if it is still sticky.

## Replacing the pads:

Replacement pads can be ordered in sets of 4 from NOIT Research. Please go to the NOIT Research website (www.noitresearch.org) and access the online ordering system. Click on the link that says "Order New Gel Pads" under the "Useful Links" side menu. If this is not possible, please contact NOIT Research at 1-888-999-3324.

The gel pad should be good for seven to ten days of use. Ensuring the skin is properly prepared each time will allow the pads to last this length of time. Properly cleaning and re-hydrating the pads is essential to get the most use out of each one. However, eventually you will need to replace the pad with a fresh one either because it isn't sticky enough or it has failed the gel pad sound test above. To replace the pad, place the NOIT, pad down, with the pad covered, on a sturdy, flat surface. Gently separate the pad from the NOIT unit by pushing on the little latch that is directly beneath the charge port and sliding the unit off the pad. Then attach the new pad by sliding the pad's connector rail into the unit's connection port. Ensure that the latch has secured the new pad into place.

# **Charging the battery:**

With the NOIT removed from the User the unit's battery can be recharged. The unit must be turned off for charging. The charger port is the silvery receptacle next to the on/off switch. The NOIT comes with a USB port charging cord and a USB adapter plug so it can be charged either by plugging it into a wall socket or a computer. If the computer is being used for charging it must be turned on in order for charging to occur. Connect the NOIT to the computer using the charging cord. The connections are of different sizes so the connection cannot be done incorrectly. If using the USB adapter plug, connect the NOIT to the plug using the charging cord, and plug it into a household receptacle. Immediately the case above the on/off switch will take on a red glow. The red glow indicates the battery is charging. Depending on the length of time the unit was in use, the charging time will vary from only a few minutes to as long as two hours. When the battery is fully charged, the case above the on/off switch will have a dim green glow. Unplug the charge cord and store the unit until the next use.

NOTE: The NOIT should not be stored "fully charged" for long periods of time. If you are storing the unit for more than a day or so, the battery should be "run down" a couple of hours to prolong its life.

# **NOIT Limited Warranty and Disclaimer**

#### **Definitions:**

NOIT Research LLC is the name of the company that developed, manufactures, and markets the NOIT.

**NOIT** is an acronym for Natural Orientation Inducing Tool.

**NOIT** is a stereo sound-emitting learning tool.

**Facilitator** is a Licensed Davis Autism Approach® or Davis® Facilitator.

The NOIT is not intended to be a cure or treatment for any condition and is not a medical device subject to FDA regulation.

The purchaser assumes all risks in the operation and use of the NOIT.

Gel pad replacements can be purchased from NOIT Research LLC, or one of their designated representatives. Using pads or parts from sources other than NOIT Research LLC voids the warranty.

#### Warranty:

NOIT Research will replace the NOIT Unit should it cease to operate as a result of mechanical failure through normal use for a period of one year from time of purchase.

A NOIT returned to NOIT Research under replacement warranty will be evaluated for water penetration and physical damage due to other than normal use or negligence. If such damage is found, the warranty is invalidated.

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