

ECOTM

Easy Start

CE

➡ Data can be uploaded from this unit to a personal computer for storage on a hard disk, CD, or other storage medium. Be sure to make multiple copies of all important data to protect against accidental loss.

ECO, Memory Transfer Interface (MTI), IRR are trademarks of Prentke Romich Company.

Minspeak is a registered trademark of Semantic Compaction Systems. Minspeak uses the methodology derived from the concepts covered by U.S Patent Numbers 4,661,916; 5,097,425; 5,210,689 and subsequent patents and applications of Bruce Baker.

Unity is a registered trademark, in the USA, UK and Canada, of Semantic Compaction Systems.

MinTalk is a trademark of Semantic Compaction Systems.

WordCore is a product of Inman Innovations.

PCS Symbols are a product of Mayer-Johnson.

Fonix-DECtalk Text-to-Speech software is a copyright of Fonix Corporation; all rights reserved.

RealSpeak Text-to-Speech, a product of Nuance Communications, Inc.

AT&T Natural Voices is a trademark of AT&T Corporation.

Non-English text-to-speech supplied by the Acapela Group and RealSpeak Text-to-Speech, a product of Nuance Communications, Inc.

Windows, WindowsXP, Windows Explorer, Windows Media Player, Microsoft Outlook, Microsoft Word, Windows WordPad and Microsoft PowerPoint are registered trademarks of Microsoft, Inc.

IBM is a registered trademark of International Business Machines.

Tracker is a trademark of Madentec, Inc.

Headpointing technology by Madentec

IntelliTools is a registered trademark of IntelliTools, Inc.

HeadMouse is a trademark of Origin Instruments, Inc.

Bluetooth Wireless Technology is a registered trademark. The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by PRC is under license. Other trademarks and trade names are those of their respective owners. **Bluetooth QD ID B013848**

WordQ is a trademark of Bloorview MacMillan Children's Centre

Digital photos by Douglas Miller

©2007-2009 by Prentke Romich Company; all rights reserved

PRC • Prentke Romich Company

1022 Heyl Rd. • Wooster, Ohio 44691

Telephone: (330) 262-1984

Fax: (330) 263-4829

E-mail Address: info@prentrom.com

Web Site Address: www.prentrom.com

PRI • Prentke Romich International

PRI House, Minerva Business Park

Lynch Wood, Peterborough, Cambridgeshire

PE2, 6FT UK

Fax: +44 1733 391939

E-mail Address: info@prentromint.com

Table of Contents

Exit Shipping Mode.....	v
What's on the ECO Case.....	7
The Front Panel.....	7
The Right Side Panel.....	9
Battery Door and Batteries.....	10
Left Side Panel.....	11
Turn the ECO On.....	13
The Toolbox.....	14
Speaker Volume.....	15
The Exploration Wizard.....	16
User Areas.....	17
Use the Pull-Down Menu to Select or Change Areas.....	18
Use the USER AREA MENU in the Toolbox to Select or Change Areas.....	20
Vocabulary.....	22
Core Vocabulary.....	22
Activity Row.....	22
Using the CORE Overlay.....	24
A Short Overview of a few other Options for Setting Up your ECO.....	24
Pick an Access Method.....	24
Pick a Voice.....	26
Do you want Word Prediction On or Off?.....	28
The Word Prediction Dictionaries.....	29
Pages.....	30
Modify a Page.....	31
Create a Page with a Scene.....	36
Using a Template.....	36
Define Keys on your Overlay.....	41
Link your Scene to the MY SCENES Page.....	43
Choose the Page you want to link to.....	46
Using the Internal Computer.....	48
Computer Activity.....	48
Computer Access from the Computer Page.....	49
Keys in the Computer Access Activity Row.....	50
The Computer Programs Page.....	51
About Internet Access.....	52
Using Microsoft® Word Pad.....	53
Using a Mouse.....	54
Minimizing ECO.....	55
Connecting to an External Computer.....	56
USB Cable.....	56
Bluetooth Wireless Adapter.....	56
IRR.....	56

The ECO Operator's Manual

is on the **ECO Support CD** that came in the box with your device.

The Operator's Manual contains complete information about your ECO and how to use it.

You can put the CD in the CD drive on your computer and read the chapters you are interested in or print out specific chapters and pages to keep nearby. You can also save the entire manual on your computer for easy reference.

We highly recommend that you refer first to the Operator's Manual when you have questions.

Exit Shipping Mode

To save the batteries, the ECO was put in Shipping Mode before it was sent to you. In order to use it you must exit shipping mode.

To Exit Shipping Mode

Plug the **Battery Charger** into the battery jack on the **left side** of the case



and then press the  button on the top front of the case. The ECO will begin the startup process.

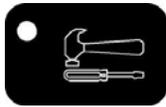
When the charger is plugged in, the ECO automatically releases itself from Shipping Mode.

What's on the ECO Case

The Front Panel



ON/OFF: Turns the device **ON** or **OFF**. If you turn the ECO off with this button, you must use it to turn the device back on.



TOOLBOX: Takes you to the Toolbox where you can use the system menus.

Keys 1-6 are User Defined keys. They have been pre-programmed for you to perform some often-used functions. You can re-program them to do whatever you wish. **Keys 3, 4 and 6 will work only if you have purchased the Computer option for the ECO.**



CHOOSE ACTIVITY: Press this to toggle through your Activity Row.



SET-UP: This key allows you to program overlay keys without going to the Toolbox. It works with the **MODIFY PAGE**, **MODIFY ACTIVITY**, **ASSIGN CORE KEYS** and **STORE** menus and the **Modify Item within an Activity or Page** menu.



ECO KEYBOARD MODE: This key allows you to see both the Windows XP desktop and the ECO software at the same time. This means you can use your overlay to interact with the XP programs. Your keyboard minimizes halfway so you see half your overlay and half of the Windows environment.



SCROLL: Use with internal computer. Select this key to scroll through your overlay when you are in Keyboard Mode, so you can access all your overlay keys.



MOUSE-RIGHT-CLICK: Use with internal computer. Select this key then select a key on your overlay. A small context-sensitive menu will pop up next to the overlay key you selected that will allow you to perform various functions such as Cut, Copy, Paste or use the **Setup** key.



MAX/MIN MODE: Use with internal computer. This maximizes and minimizes your communication overlay when you are in **Keyboard Mode** so you can see all of the Windows application you are using. ECO goes into the task bar.



INFRARED WINDOW (IR): This area receives IR information from the Tracker or other IR headpointer.

The 3 lights at the bottom of the IR window:

The LED on the left flashes when the **battery charger is plugged in**. A rapid flash means the battery is charging; a slow flash means the battery is full and trickle-charging.

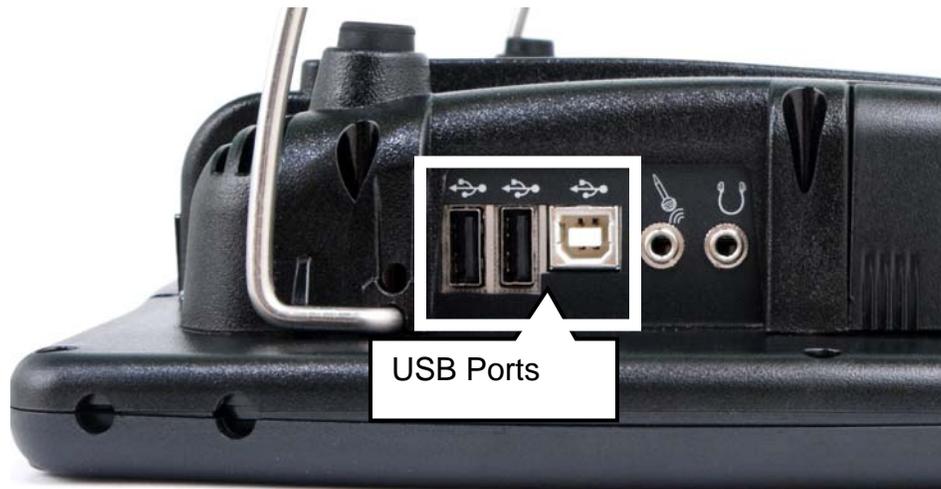
The LED in the middle blinks when you have a **low battery**. If you see this LED flashing, plug in the battery charger.

The LED on the right flashes when the hard drive in the ECO system is working. You will see this light now and then whether you purchased the ECO's integrated computer or not.

RECORDING MICROPHONE: This is the small round hole near the top of the case, to the right of the IR window. When you record messages, speak into this area.

➡ For more information about the ECO's batteries, see **Getting Acquainted with your ECO** and the **MAINTENANCE MENU** chapters in the **ECO Operator's Manual**.

The Right Side Panel



2 Rectangular USB Connectors

Use these for USB flash drives, a USB mouse and keyboard, etc.

Square USB Connector

Use this to connect to an external computer with a USB cable.

External Microphone Jack (Note: you can also use a USB microphone)

Plug an external microphone in here.

External Headphones Jack

Plug external stereo headphones or speakers in here.

Battery Door and Batteries



Use a flathead screwdriver to remove the battery door screw. This is a long screw and takes a few seconds to remove. When the screw is removed, slide the door to the left until it comes off.



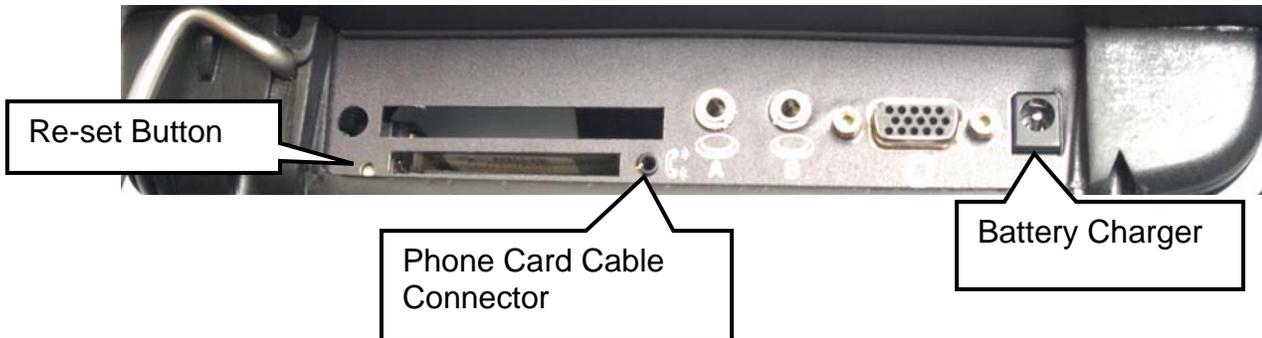
Removable Battery

This is the large battery on the left with a flexible tab on the end you can pull to remove the battery, should this be necessary. When replacing the battery, make sure it clicks into place before replacing the door.

Internal Battery

This is the smaller battery on the right. This battery remains in the case and should not be removed.

Left Side Panel



Card Slots and Connectors from Left to Right

Reset Button (circled in graphic above): Unbend a paper clip and poke it into the hole to press the re-set button. Read **Appendix L: Troubleshooting: The Internal Computer on page** Error! Bookmark not defined. before using this button.

PCMCIA Card Slot (large rectangular slot): will accept an AirCard, wireless card, etc.

Compact Flash Card Slot (smaller rectangular slot): will accept a storage card, network card, Bluetooth device, etc.

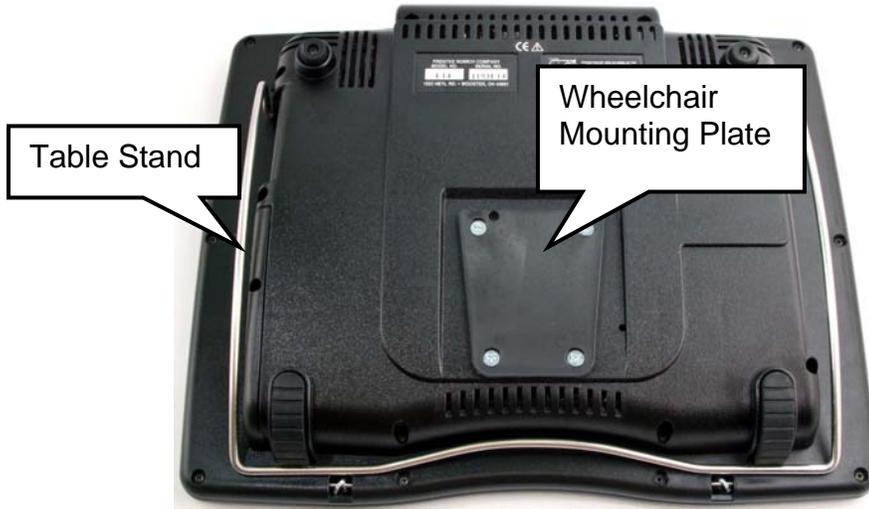
Phone Card Cable Connector: an AirCard phone cable plugs in here.

Switch A and Switch B Connectors: plug single and dual switches into Switch A and Switch B ports. A joystick will need an adapter that fits these ports.

XGA Connector: connect a computer monitor here.

Battery Charger: Plug in the battery charger that came with your device.

Back of the ECO



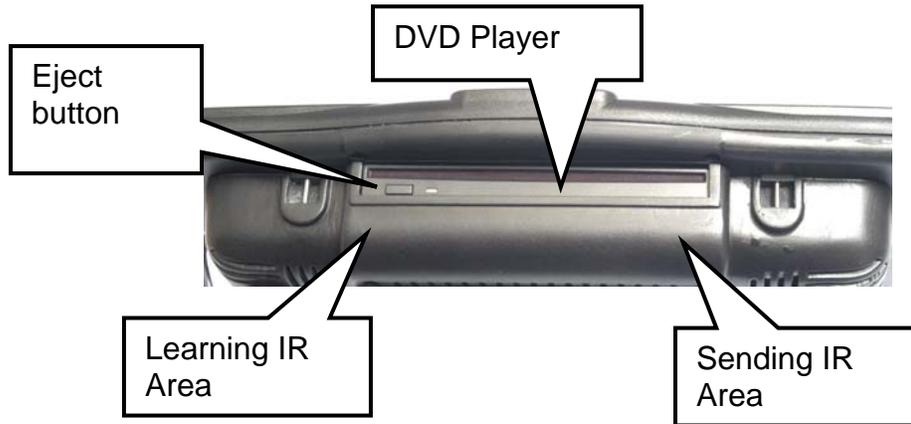
Wire Table Stand

Pull the stand out from the case and set your device on a flat surface. If you want your device to sit at a lower or higher angle, remove the table stand from the holes that hold it in place and place it in the second set of holes. The bottom holes are lower; the top holes are higher.

Wheelchair Mounting Plate

Slide the optional QRM2 onto the wheelchair mounting plate until the Release Knob pin drops into its hole on the plate. This secures the QRM2 to the mounting plate so you can mount the ECO onto a wheelchair mount.

Top of the ECO



DVD/CD Player

The DVD/CD player is at the top of the case above the rounded area. Use this to play movie DVDs, Audio DVDs and CDs. If you purchased the optional internal computer, you can also install software and burn CDs using the DVD player.

To Use: If your device is On, simply slide a disk into the CD/DVD Player. The device will accept it. If your device is Off, slide a disk about half-way into the player, then turn your device On. The ECO will accept the disk. Press the small button on the Player door to eject a disk.

Learning Infrared Area

Sending Infrared Area

The rounded area below the DVD player is the learning and sending infrared area. You point a remote control at this area to teach remote control signals to your ECO. When the ECO is sending remote control signals to control things like a TV or DVD player, this window must be facing in the general direction of the object you want to control.

Turn the ECO On

➡ **You must take the ECO out of shipping mode.**

Plug the **Battery Charger** into the battery jack on the left side of the case and then press the button on the top front of the case. The ECO will begin the startup process.



When the charger is plugged in, the ECO automatically releases itself from Shipping Mode.

From now on you only have to press the



button to turn the ECO on and off.

➡ For more **ON/OFF/POWER DOWN** options see **Getting Acquainted with your ECO** and **The MAINTENANCE MENU** chapters in the **ECO Operator's Manual**.

The Toolbox



Select the **TOOLBOX** key

You see the ECO Toolbox.

The Toolbox contains menus and tools used for programming your ECO.

AUDITORY PROMPT MENU	FILE MENU	CLOCK MENU	DIC TIONARY MENU	ASSIGN ACTIVITY KEYS	CREATE ACTIVITY	DYNAMIC ACTIVITY MENU	MODIFY ACTIVITY	GOTO CORE
FEEDBACK MENU	FILE ORGANIZER	IR SETUP MENU	MAINT MENU	ASSIGN CORE KEYS	EDIT CORE	ERASE CORE	STORE CORE	SWAP CORE KEYS
MP3 PLAYER MENU	NOTEBOOK MENU	OUTPUT MENU	REVIEW VOCAB MENU	CREATE PAGE	DELETE PAGE	MODIFY PAGE	PAGE MENU	SWAP PAGE KEYS
ACCESS METHOD MENU	SETTINGS MENU	SPEECH MENU	TRANSFER MEMORY MENU	CALCU LATOR	CALL	SPEECH ON OFF	SPEAKER VOLUME DOWN	SPEAKER VOLUME UP
WORD PREDICT MENU				POWER OFF	CLEAR DISPLAY		GOTO SPELL	OK

Named white keys are functions that allow you to make changes without opening a menu.

Menus contain options that you can select to change settings or perform an action. Menus are yellow, green, orange and purple.

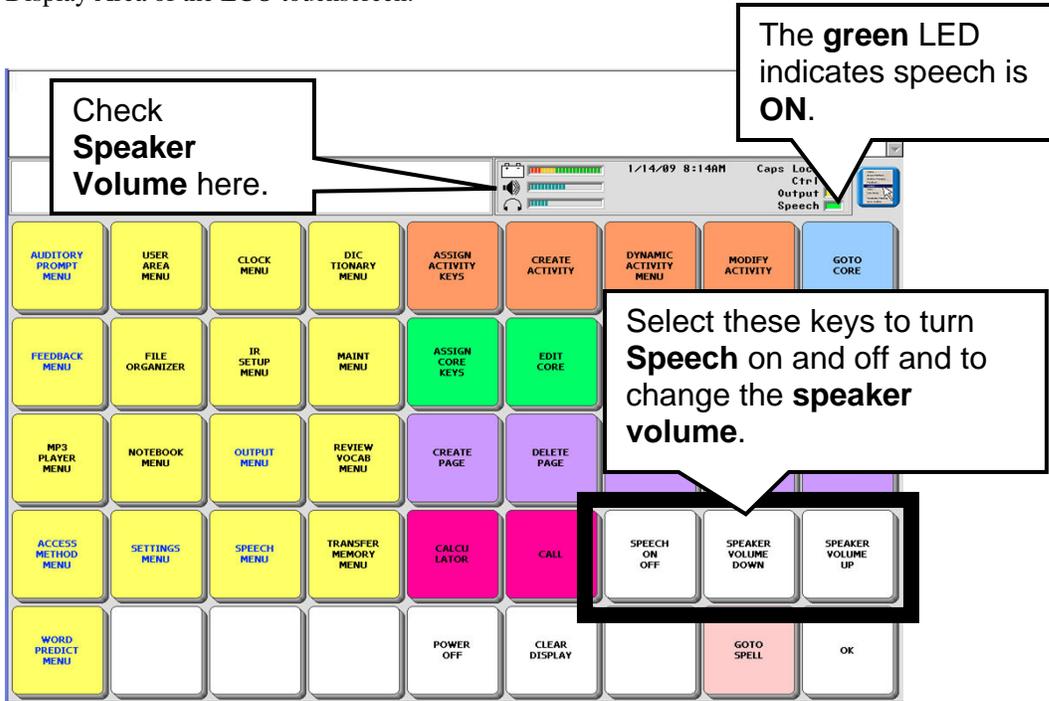


The white keys with names on them allow you to make some changes to the ECO without opening a menu.



Speaker Volume

To change the ECO's speaker volume, select the **SPEAKER VOLUME UP** key or the **SPEAKER VOLUME DOWN** key. You can check speaker volume and whether or not your speech is on in the Status Display Area of the ECO touchscreen.



The Exploration Wizard

The screenshot shows a software interface with a grid of keys. The keys are arranged as follows:

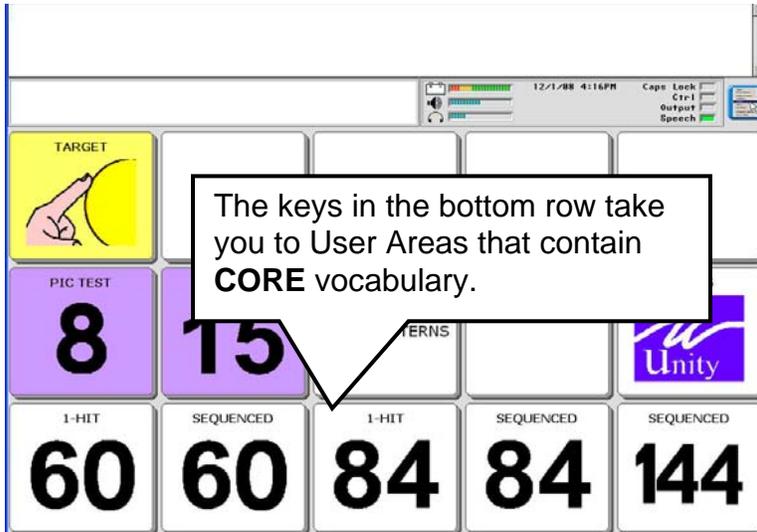
- Top row: A yellow key labeled "TARGET" with a hand pointing to a crescent moon.
- Second row: Two purple keys labeled "PIC TEST" with the numbers "8" and "15" respectively. To their right is a white key labeled "UNITY PATTERNS".
- Third row: Five keys. The first is labeled "1-HIT" with the number "60". The second is labeled "SEQUENCED" with the number "60". The third is labeled "1-HIT" with the number "84". The fourth is labeled "SEQUENCED" with the number "84". The fifth is labeled "SEQUENCED" with the number "141". To the right of this row is a white key labeled "4/8/15" with a purple logo that says "Unity".

Four callout boxes provide instructions:

- Top-left: "Select this key to explore different location sizes." (points to the TARGET key)
- Top-middle: "Select PIC TEST keys to see how pictures can mean different things." (points to the PIC TEST keys)
- Bottom-left: "This key shows you how verbs, adjectives, nouns, etc., are placed on different overlays." (points to the 84 key)
- Bottom-right: "Select this key to view pages with 4, 8 and 15 locations." (points to the 4/8/15 key)

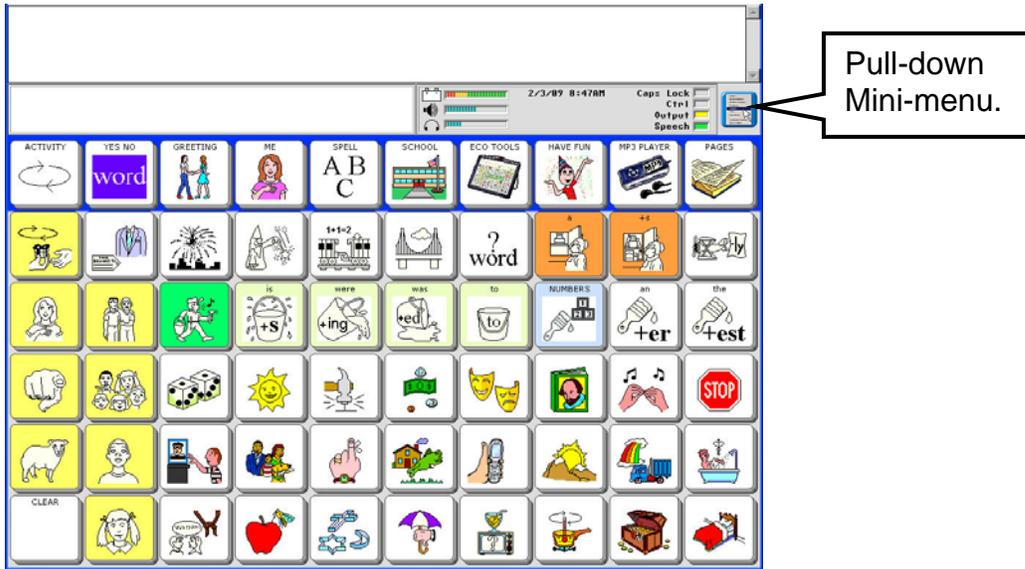
User Areas

You USER AREA will be your home base. You will want to choose an area that is best suited to your needs. There are pre-stored areas in the ECO that contain different Unity® CORE vocabularies.



CORE vocabulary is vocabulary that you use all the time in many different situations. It is the vocabulary you will always want to be able to get to easily.

For this Easy Start, select the 60 Sequenced key to go to the 60 Sequenced overlay.



Once you select a CORE overlay you will need to use the **USER AREA MENU** to go to any other User Areas. You can access the **USER AREA MENU** in the Toolbox or, even quicker, by using the pull-down menu in the Status Display Area of your ECO.

Use the Pull-Down Menu to Select or Change Areas



This mini-menu to the right of the Status Display Area gives you quick access to some of the menus in the Toolbox. You can open this menu by touching it with your finger or a stylus or by plugging in and using a USB mouse.



The **Open User Area** option shows you all the current User Areas. Select the one you want to use.



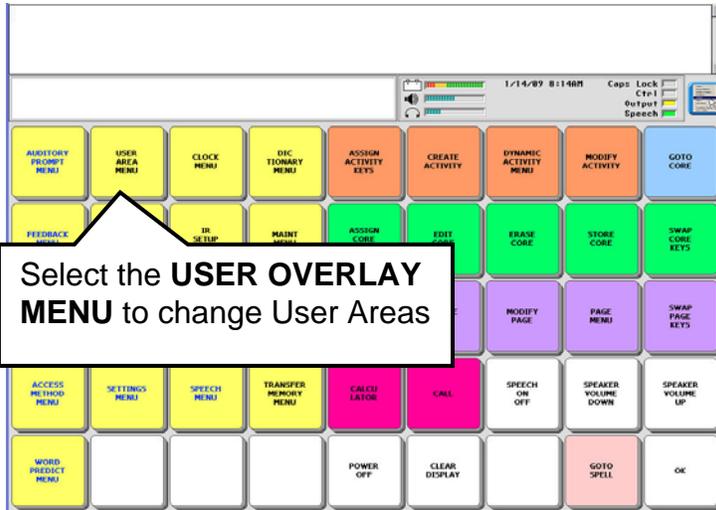
The **Replace User Area** option allows you to replace the overlay in the Area you are currently using with a different overlay. This menu offers you a choice of all the overlays that are available in the ECO—not just the Unity overlays.

Use the USER AREA MENU in the Toolbox to Select or Change Areas

You can also select a User Area by using the **USER AREA MENU** in the Toolbox.

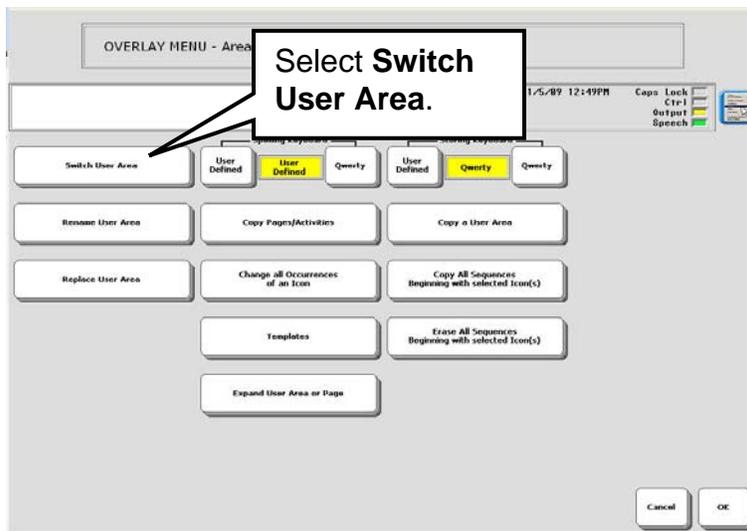


Select the **TOOLS** key on the top front of your ECO case. This takes you to your **TOOLBOX** where you find all the menus that will help you get the most out of your device.

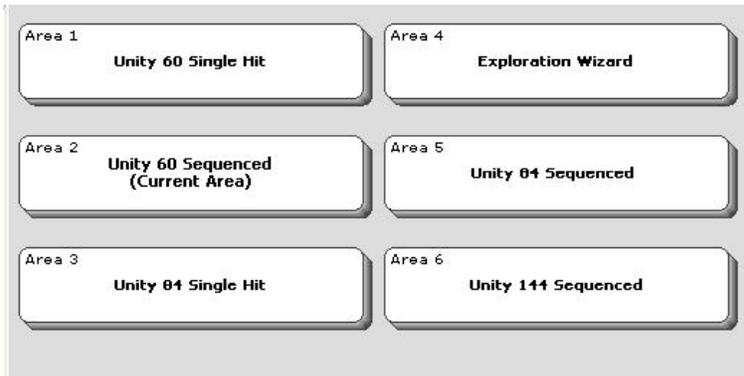


Select the **USER AREA MENU**.

You see the options for the **USER AREA MENU**.



Select **Switch User Areas**.



Options 1, 2, 3, 5, and 6 in this menu take you to areas that have been set up with a Unity language program. Option 4 is the **Exploration Wizard**. You can select it or select any other overlay you would like to try.

Generally, the more keys on a keyboard, the more complex your conversations can be.

For the Easy Start manual, select **Unity 60 Sequenced** overlay.

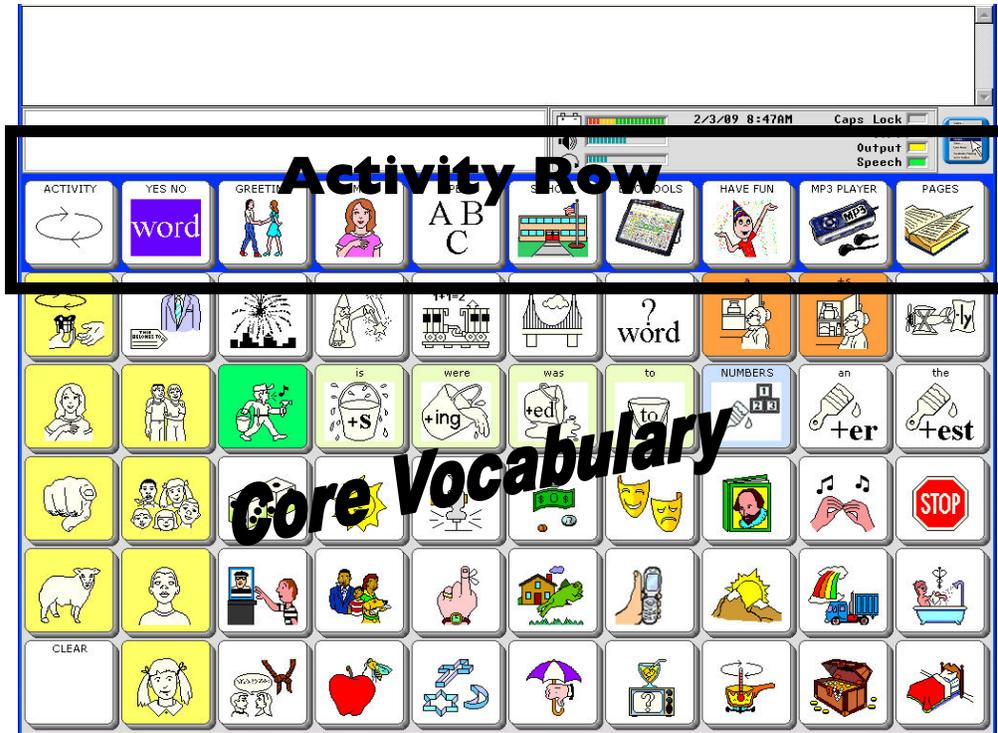
You return to the main **CHOOSE OVERLAY** menu.

Select **OK** in the bottom right corner.



You are back in the Toolbox. Select **GO TO CORE**.

Vocabulary



Core Vocabulary

We have selected the Unity 60 Sequenced overlay for our CORE vocabulary. A **Sequenced** overlay means you must select more than one icon to produce a word or phrase.

If you decide to use a **Single Hit** overlay, a single key selection will produce a word.

The five rows of keys underneath the top row contain **Core** vocabulary. Core vocabulary consists of words you use all the time: verbs, adjectives, prepositions, etc., that help make sentences.

Activity Row

Activities are in the top row with the blue background. Activities can consist of pre-stored sentences, category-specific words or words that can follow a CORE vocabulary word. Select a key in this row and you will see many options for words that are centered around a particular theme such as **GREETINGS** or

ME. You can select the **ACTIVITY** key  to see if there are more Activities to choose from.

All of the pre-stored Unity overlays contain an Activity Row at the top and Core vocabulary beneath the Activity Row.

Activities work two ways:

Dynamic Activities

An Activity is dynamic if you select a CORE vocabulary key and the Activity Row automatically changes to words you might want to use. Dynamic Activities usually consist of words that make up a category.

For example:



Select the **FAMILY** icon

You see the **FAMILY** Activity Row which contains names of family members, like "Mom" and "Dad".



Once you select an icon from the Activity Row, the row will close and you will go back to where you were.

Regular Activities

Regular Activities act as topics or folders. When you select a key in the Activity Row, you see a new Activity Row that contains words about that particular Activity.

For Example:



Select the **GREETING** key in the Activity Row.

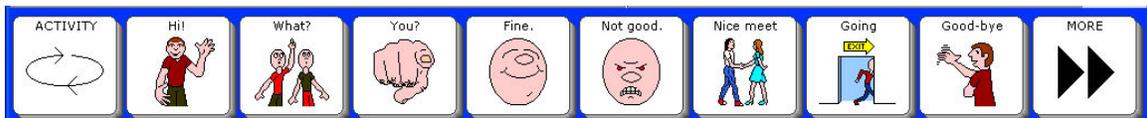


➡ If you do not see the **GREETING** Activity, press the **ACTIVITY** key



the #1 key on the front of the case until you see **GREETING**. Then select it.

You see the **GREETING** Activity Row.



This Activity contains messages such as, "How are you?" and "It's nice to meet you." Using the Overlay

Using the CORE Overlay

Let's use our CORE overlay to ask for juice.



Select the **I** key from your CORE vocabulary.



Select the **I want** key



Select the **Juice/TV** key from your CORE vocabulary.



Select the **Juice** key from the **Activity Row** (top row) of your overlay.

You should see "I want juice" in the Text Display Area of your screen and your ECO should speak "I want juice."

A Short Overview of a few other Options for Setting Up your ECO

➡ The following options are all explained in more detail in your **ECO Operator's Manual**.

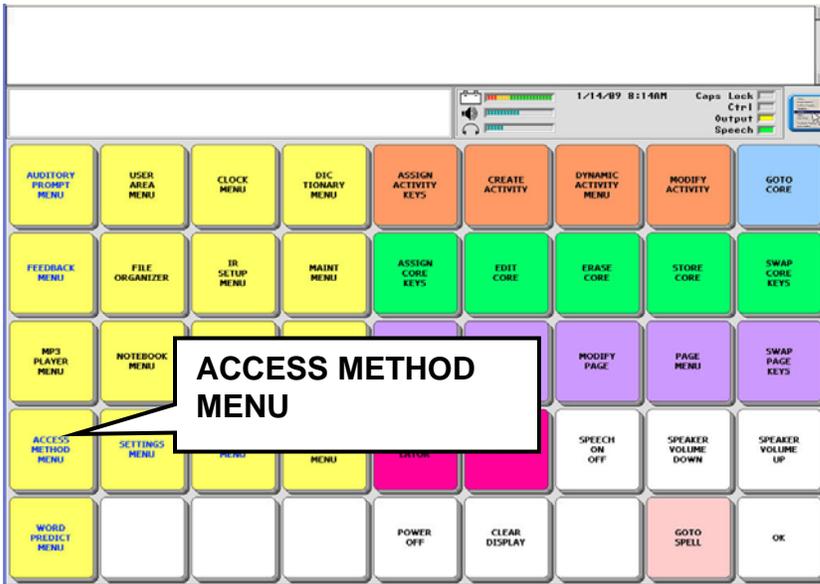
Pick an Access Method

Once you have selected a User Area and overlay you will need to select an access method.

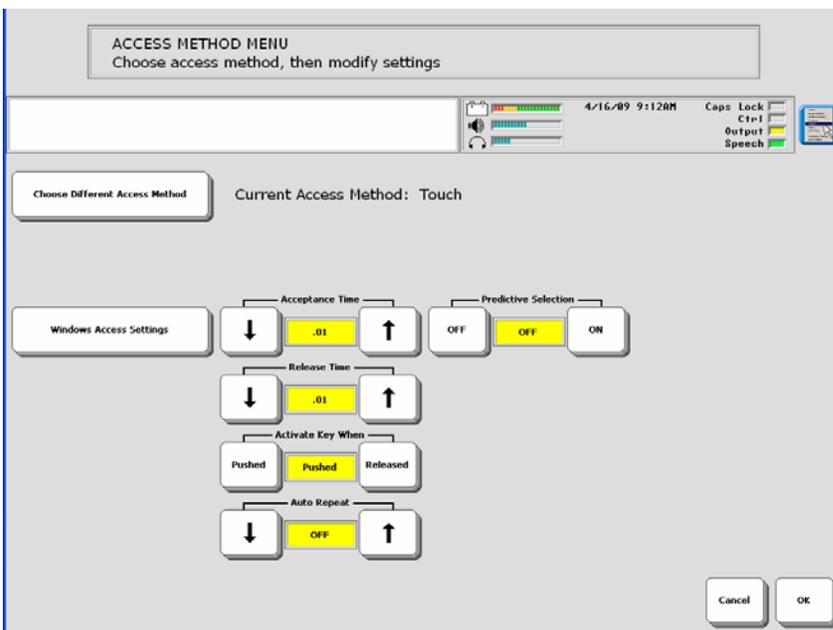
"Access Method" refers to how you will make your ECO work. Will you press keys on the touchscreen? Will you use a switch or two? Will you use a headpointer? In the **ACCESS METHOD MENU** you can pick an access method and set it up the way you want it to work.



Select the **TOOLS** key on the top front of the case.



In the Toolbox, select the **ACCESS METHOD MENU**.



The default access method is **Touch**. You can select the **Choose Different Access Method** key to see the other methods you can use to control your device. Each method has a number of options that you can change so they suit the way you want to use your device.

Keyboard is the default access method. Press the keys on the screen to activate them. The keyboard is always active no matter which access method you choose.

Headpointer: Madentec's Tracker™ technology is built into the ECO. Place the small reflective dot on your forehead and face the headpointing sensor (dark window) on the front of the case

1-Switch Scanning: Use a single switch to scan to any key on the keyboard. Plug a single switch into either the SWITCH A or SWITCH B jack on the left side of the case.

2-Switch Scanning: Use a dual switch or two single switches to scan left, right, up and down to any key on the keyboard. Plug a dual switch into either the SWITCH A or SWITCH B jack. If you are using two single switches, plug one switch into the SWITCH A jack and the other into the SWITCH B jack.

Joystick:  You must have a joystick adapter in order to use a joystick with the ECO. A joystick allows you to move up, down, left, right and diagonally across the keyboard. Plug one end of the adapter into SWITCH A and SWITCH B. Plug the other end into your joystick.

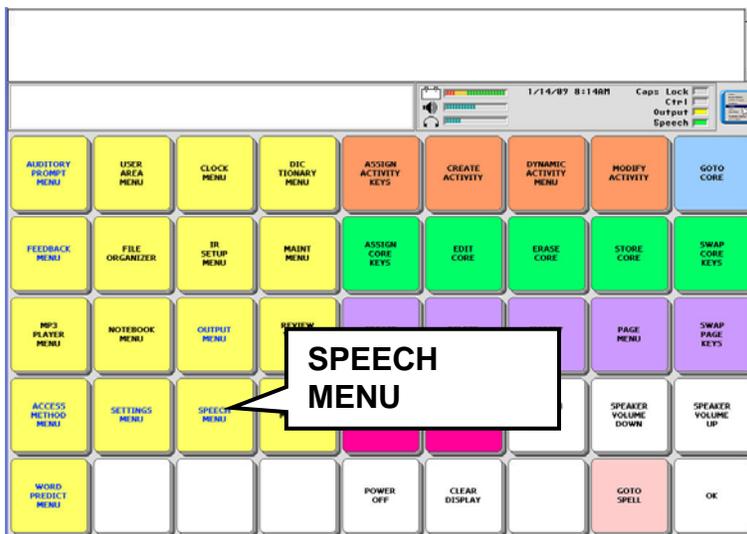
 See **Setting Up your Communication Device** in the ECO **Operator's Manual** for a more complete explanation of each access method and its options.

Pick a Voice

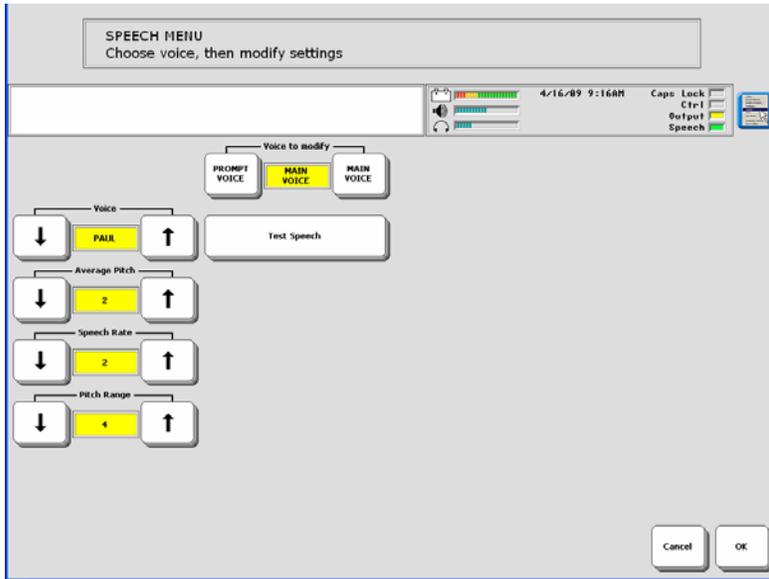
The ECO will be your voice. When people hear it before they see you, they will know it's you. You will want to pick a voice you like.



Select the **TOOLS** key  at the top of your device.



In the Toolbox, select the **SPEECH MENU**.



ECO offers speech synthesizers for DECTalk speech, RealSpeak speech, Acapela speech and AT&T Natural Voices.

The **Synthesizer** option allows you to select the synthesizer for the speech you want.

The **Voice** option allows you to select the voice you want. The **Main Voice** will be *your* voice. If you will be using auditory prompts, you should select an **Auditory Prompt Voice** that is different from your Main Voice.

To listen to any voice, tap the text area of the touchscreen. ECO will speak any text on the display in the voice you selected.

You can change the sound of any voice by using the other options in the **SPEECH MENU**.

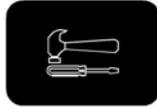
➡ **Important Note:** Before you use the other options in the menu to change the sound of any voice, **write down the default settings**. That way, if you end up not liking any changes you have made, you will be able to return to the original voice.

When you have finished choosing a voice, select **OK** to exit the menu.

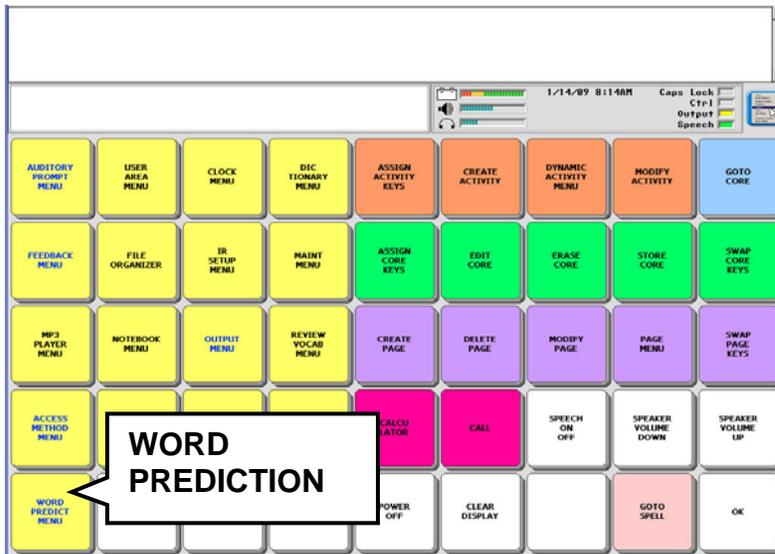
➡ For more information about ECO voices, see the **SPEECH MENU** chapter in the **Operator's Manual**.

Do you want Word Prediction On or Off?

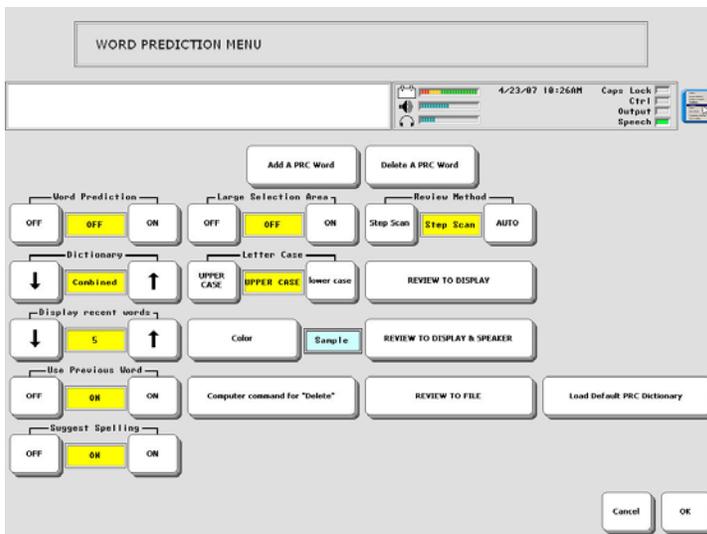
Word Prediction works when you are using your spelling overlay. When Word Prediction is ON, ECO will predict words that you might want to say based on the letters you have begun to spell. Predicted words appear below the text display area on your device.



Select the **TOOLS** key at the top of your device.



In the Toolbox, select the **WORD PREDICTION MENU**.



The first option allows you turn **Word Prediction On or Off**.

You will also select the **Dictionary** (or Dictionaries) you want to use.

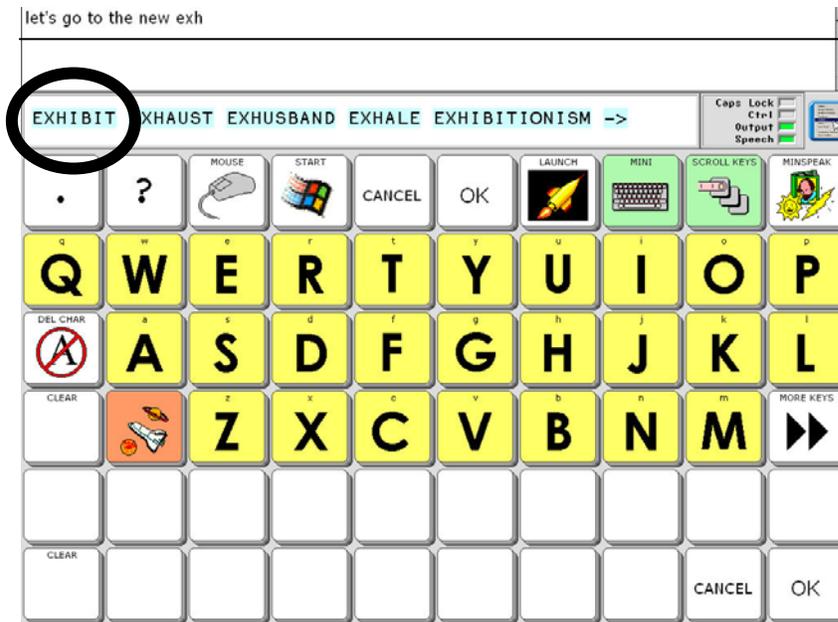
The Word Prediction Dictionaries

ECO offers two word prediction dictionaries.

The **PRC Dictionary** has been in all PRC devices that offer word prediction. This Dictionary predicts words based on your Recency and Frequency settings.

The **WordQ Dictionary** predicts the words that most often follow the word you just entered. It does not notice Recency or Frequency.

You can select either dictionary by itself or you can use a combination of the two (Both). The **combined** word prediction system will predict PRC words first, then WordQ words. You may find the combination of dictionaries to be a very helpful language tool.



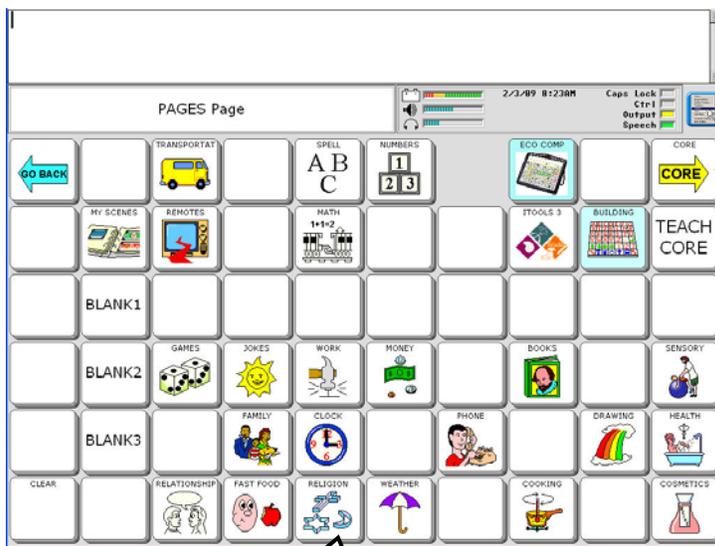
➡ See the **Word Prediction** chapter in the **ECO Operator's Manual** for an explanation of the other options in this menu.

Pages

Pages contain vocabulary that is devoted to a single topic. You will use Pages when you want to stay on one topic for more than a single message. They can be especially helpful for people who have trouble with different access methods.

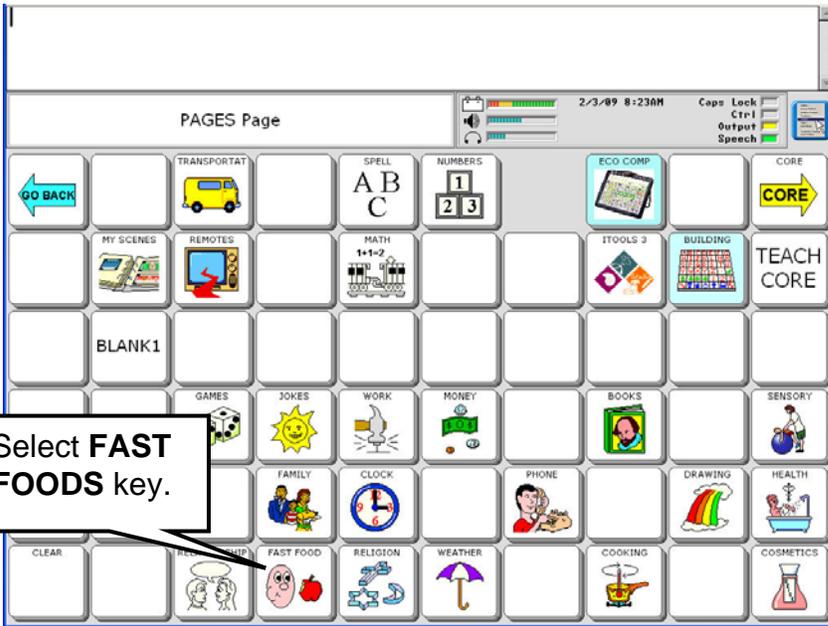


The ECO has many pre-programmed Pages. Select the **PAGES** key  in your Activity Row.



Select the **CORE** key to return to your CORE vocabulary.

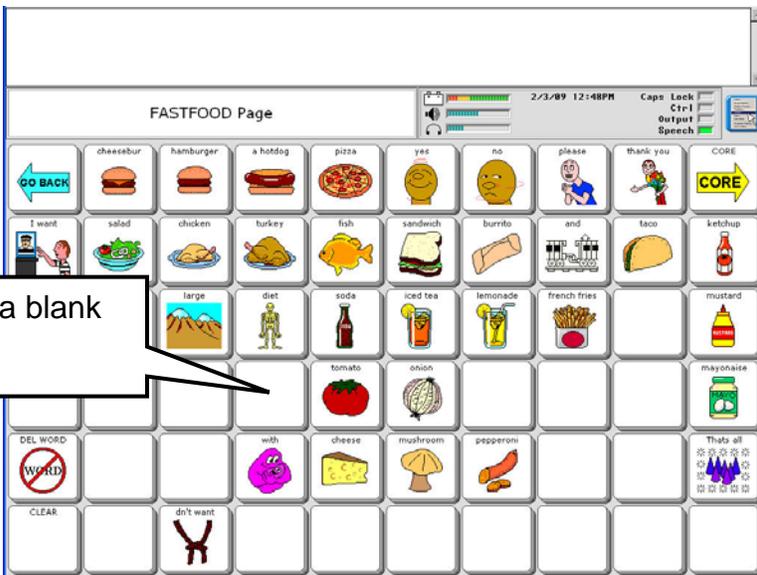
Most of the keys on this Page will take you to a Page with topic related messages.



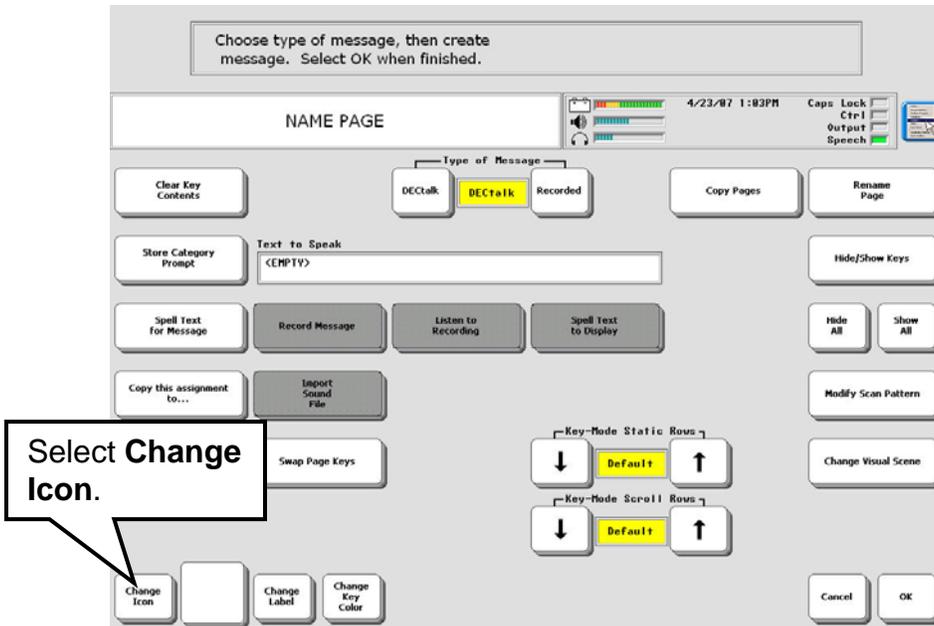
Select the **FAST FOOD** key



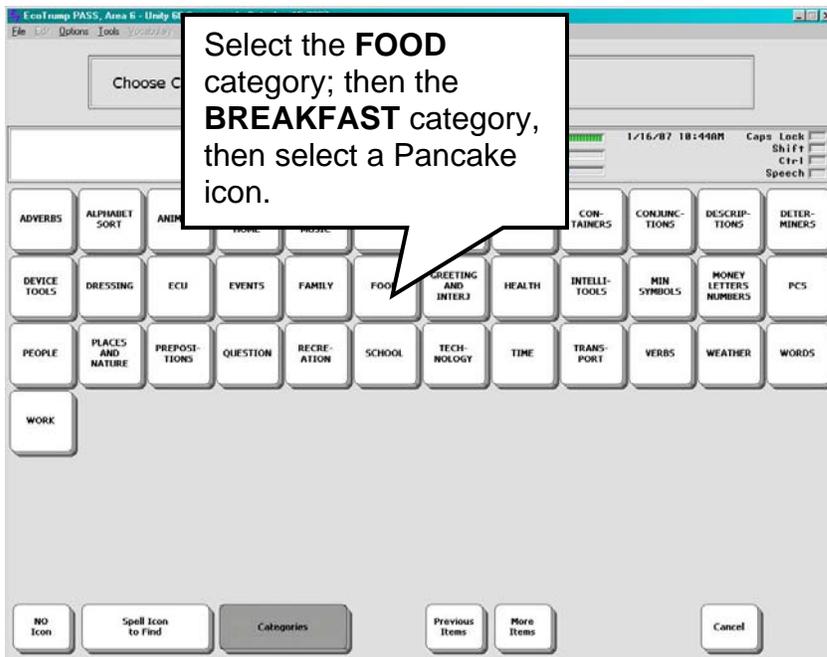
When you see the **FAST FOOD** page, select the **SET-UP** key on the front of your ECO



Now select a blank key on the **FAST FOODS** Page.
 You see the **MODIFY PAGE** menu.

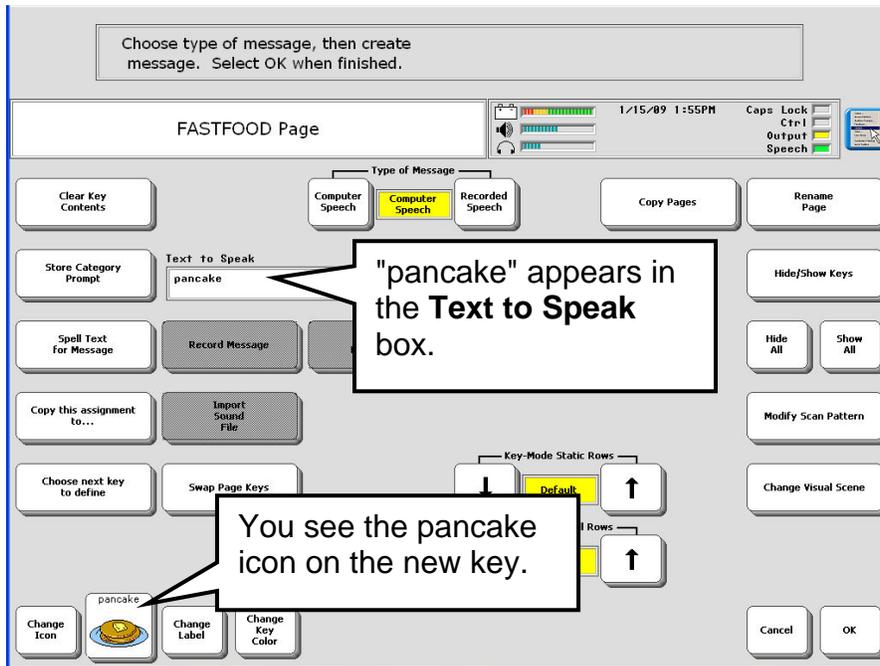


Select the **Change Icon** key.



You see the Icon Category screen. Categories are in alphabetical order.

Select the **FOOD** category, then the **BREAKFAST** category, then select a Pancake icon. You can also select the **Spell Icon to Find** key, spell "pancake" and then select the icon you want to use.



"Pancake" appears in the **Text to Speak** box and the pancake icon appears on the new key.

Now let's modify the message in the **Text to Speak** box.

- ➡ If you want to record a message, select the **Recorded Speech** option rather than **Computer Speech**. Follow the directions on your touch screen. Once your message is recorded you can complete the following steps.



Set **Type of Message** to **Computer Speech**



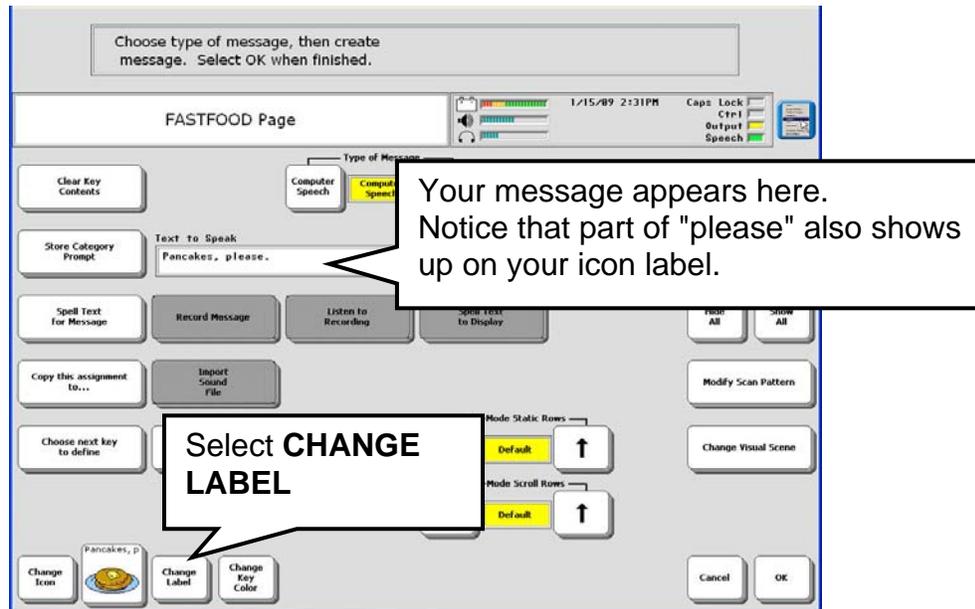
Select the **Spell Message...** option
You see your Spelling overlay.



Select **CLEAR DISPLAY**. This erases "Pancake" from the **Text to Speak** box.



Type "Pancakes, please" and then select the **OK** key



"Pancakes, please" shows up in the **Text to Speak** box. Part of "please" also shows up on your icon label. Let's change that.



Select **CHANGE LABEL**.

You see your Spelling overlay.



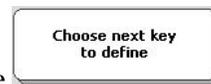
If there is text in the Text Display Area, select **CLEAR DISPLAY** to erase it. Type in "Pancakes."



Select **OK**.



Your new key should look like this:



If you want to continue to define new keys, select **Choose Next Key to Define**.



When you have finished defining keys, select **OK**.

When you select the **OK** key, you return to the **FAST FOOD** Page. You should see your Pancake key and any others you may have added. Select them to try out the new vocabulary you added.

➡ You can also modify an Activity by opening the **MODIFY ACTIVITY MENU** in the Toolbox and following similar steps to these.

➡ See the **PAGES** chapter in the **ECO Operator's Manual** for more information.

Create a Page with a Scene

A Scene is a photograph or image that you can put on an entire page. Keys can be defined as "hot spots" that will tell a story about the picture or identify items in the picture.

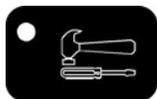
The ECO already contains some graphics that can be used for Scenes. We will use one of these for our Scene Page. ➡ Go to the **TRANSFER MEMORY MENU** chapter in the ECO manual to learn how to download your own graphics to use as scenes.

Using a Template

Each default overlay in your device has a template you can work from when creating a Page. It is generally labeled by the number of keys on your overlay, such as **60 TEMPLATE** or **84 TEMPLATE** or whatever the number of key locations you are using in your user area. These templates contain a few essential keys placed where they are always placed on the regular overlay. If you do not want to use the default template you can also select any already-created Page to use as a template.

To create a scene page we will be using the **60 Template**. ➡ See **Set Page Template** in the ECO manual for more information.

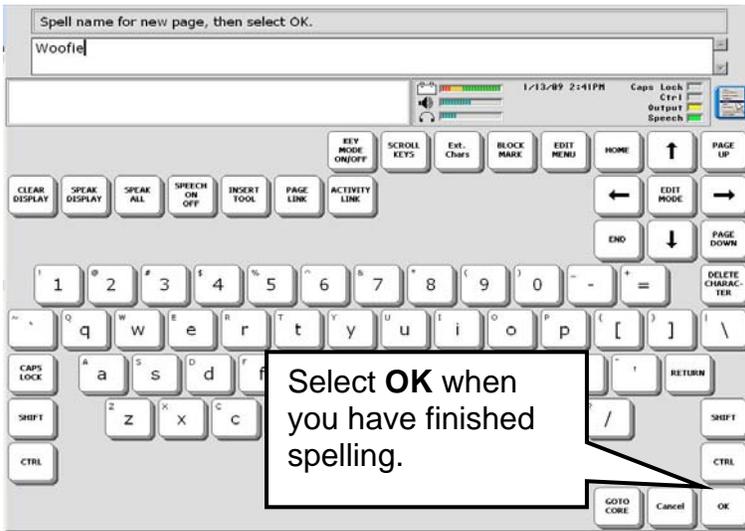
Go to the **TOOLBOX**



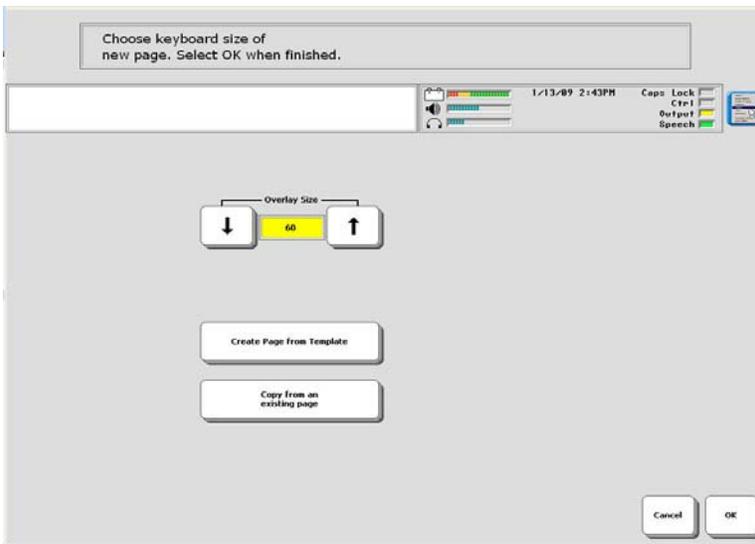
Select the **CREATE PAGE** key



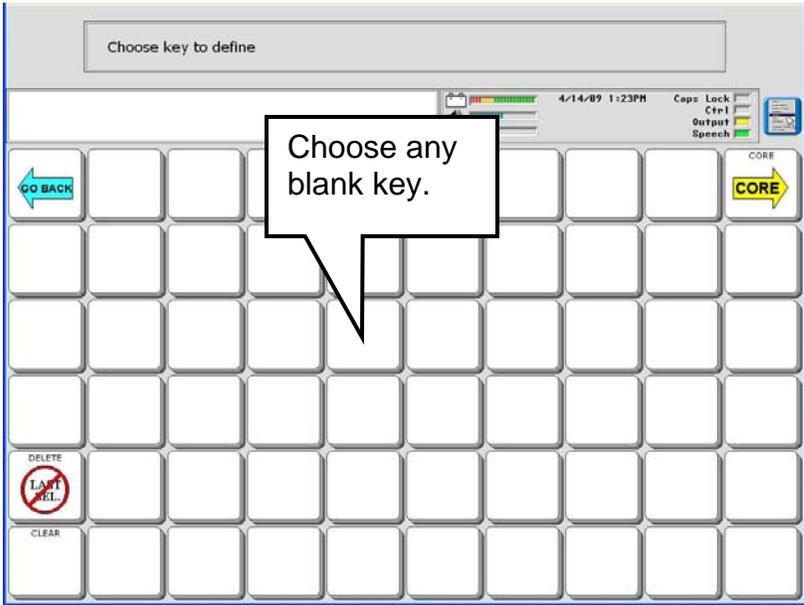
You see the Spelling overlay. We will make a scene page about a pet named "Woofie" so spell in the name, "Woofie."



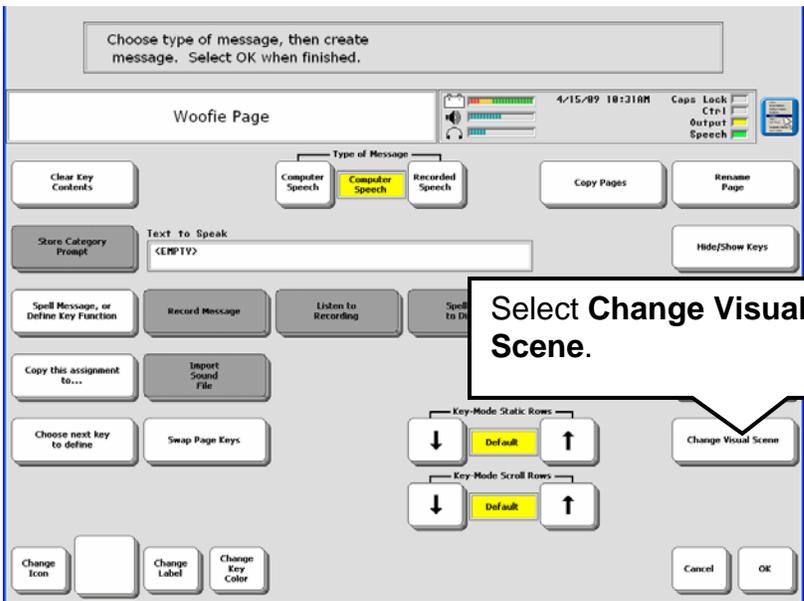
Select **OK** when you have finished.



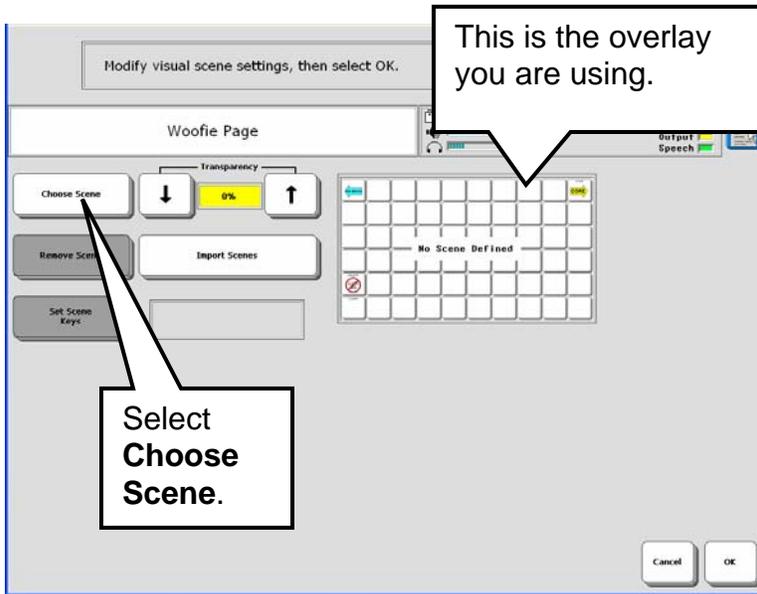
Select **Create Page from Template**.



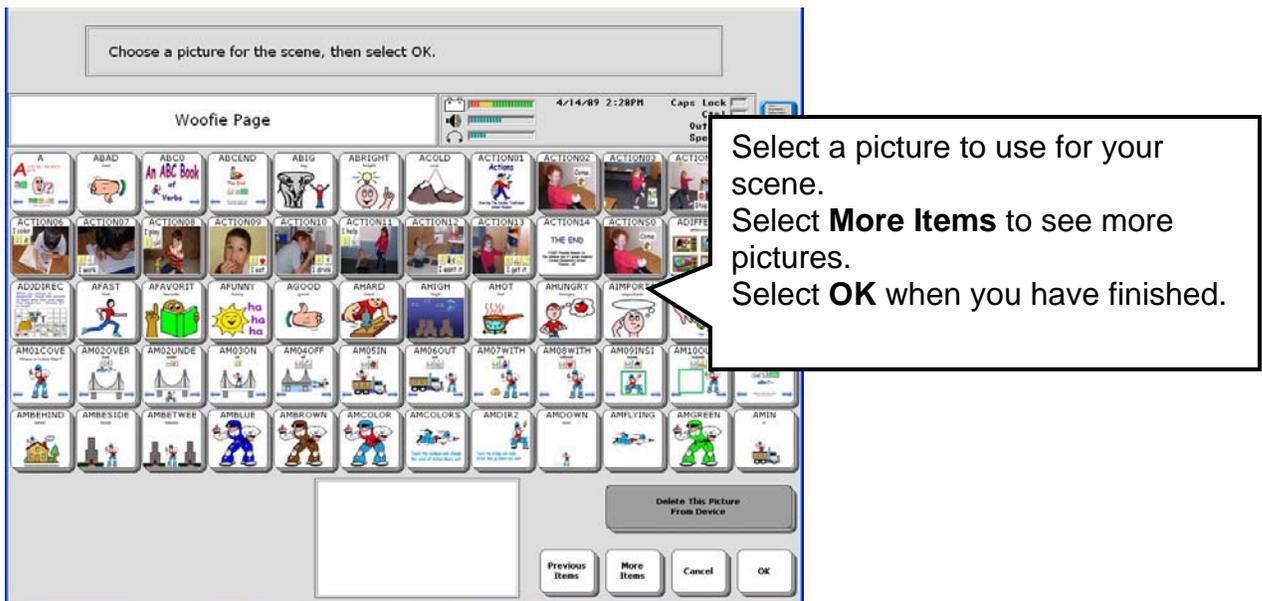
Choose any blank key to define.



Select the **Change Scene** (or **Change Visual Scene**) key.



You see the Modify Scene screen. Select the **Choose Scene** (or **Choose Visual Scene**) option.

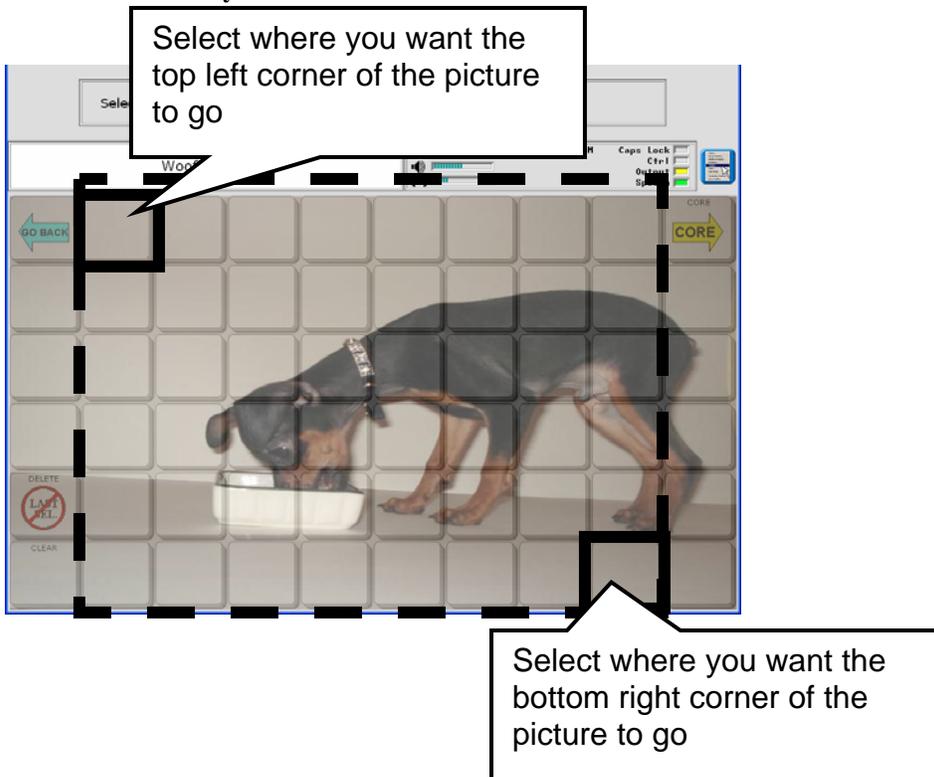


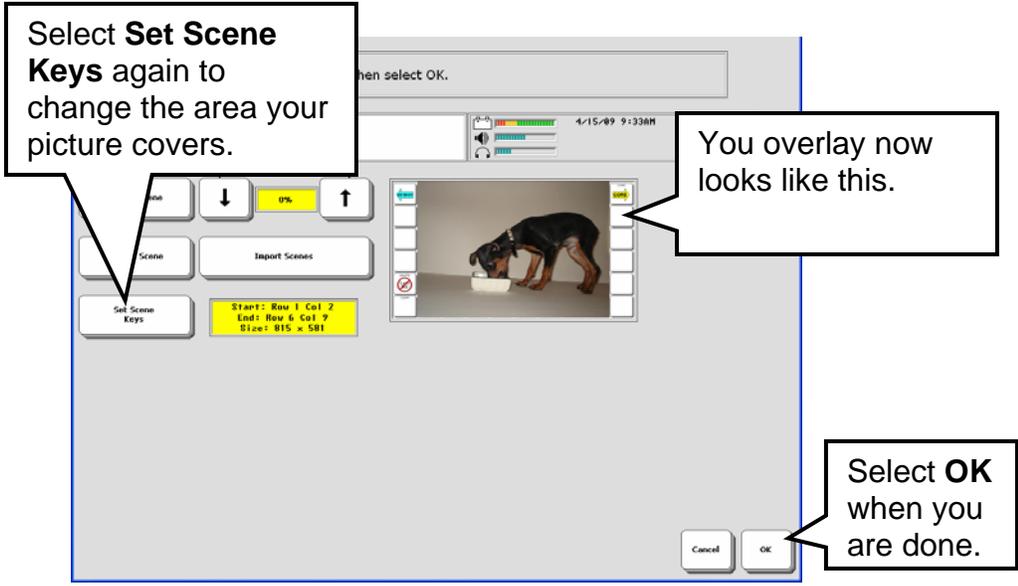
These are the scenes that are already stored in the ECO. Select **MORE ITEMS** to see more scene pictures.

Find a picture you would like to use. For our example, we are looking for a dog. When you are satisfied with your choice, select **OK**. If you would like to look at another picture select **Cancel**.



Select Set Scene Keys.

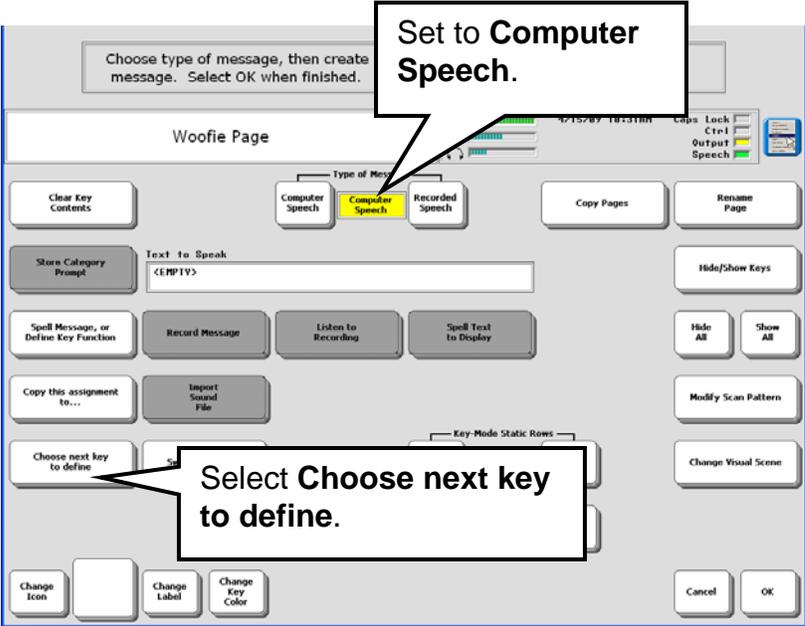




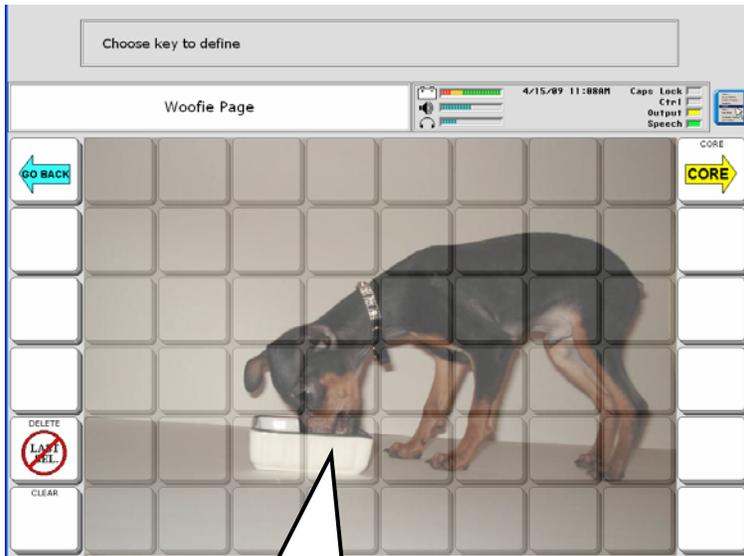
You see a preview of your overlay. You can re-set the keys if you are not happy with your first try. Select **OK** when you are finished.

Define Keys on your Overlay

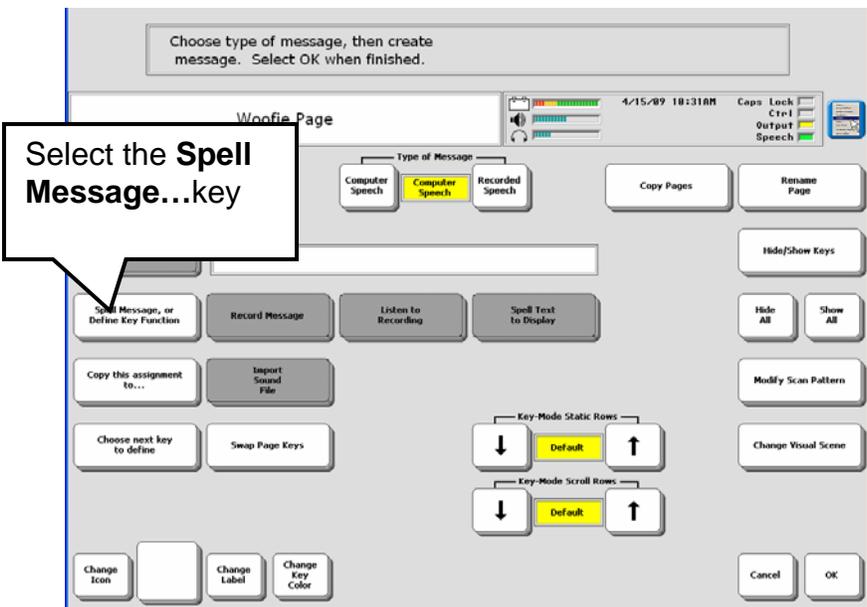
Now we are ready to add messages to the scene. For this scene you might want to use words like "FEED DOG", "BOWL", "WATER", "DOG FOOD" or whatever you think will be helpful.



Set the **Type of Message** option to **Computer Speech** and then select **Choose next key to define**.



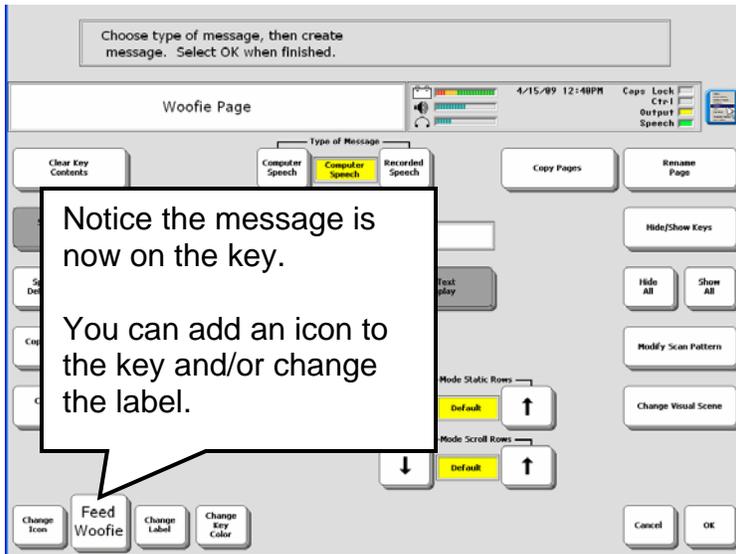
Select a key that shows a good part of the dog bowl.



Select the **Spell Message...** key.

Type in a message—perhaps "Dog Bowl" or "Feed Woofie".

Select **OK** when you have finished.



Now you can add an icon to the key and/or change the label.

When you have finished with this key select **Choose next key to define** and create another key.

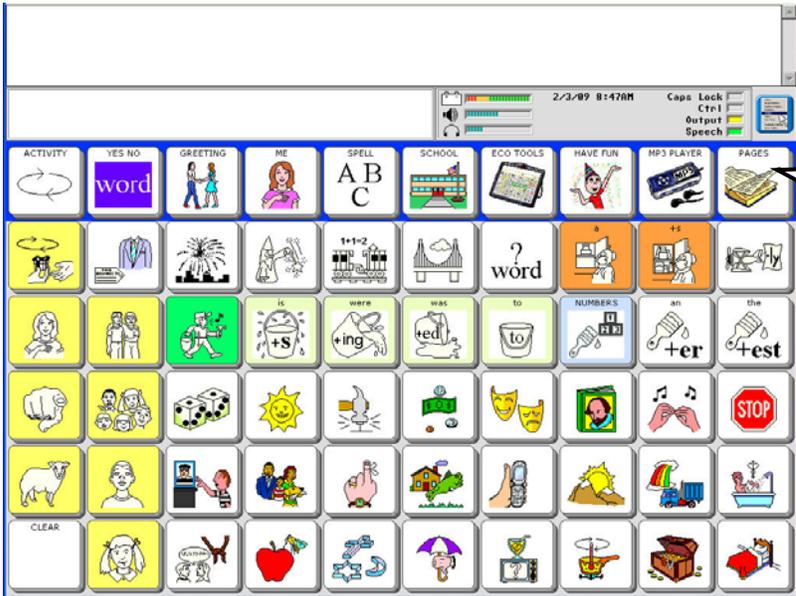
You can store messages on keys within the scene and on keys around the edges.

You can also record messages to go with your key.

Continue defining keys until you have your page all set up. Select **OK** when you are finished. This will save your work.

Link your Scene to the MY SCENES Page

You have created your Scene Page. The next step is to link it to the MY SCENES page on your overlay so you can get to it easily.

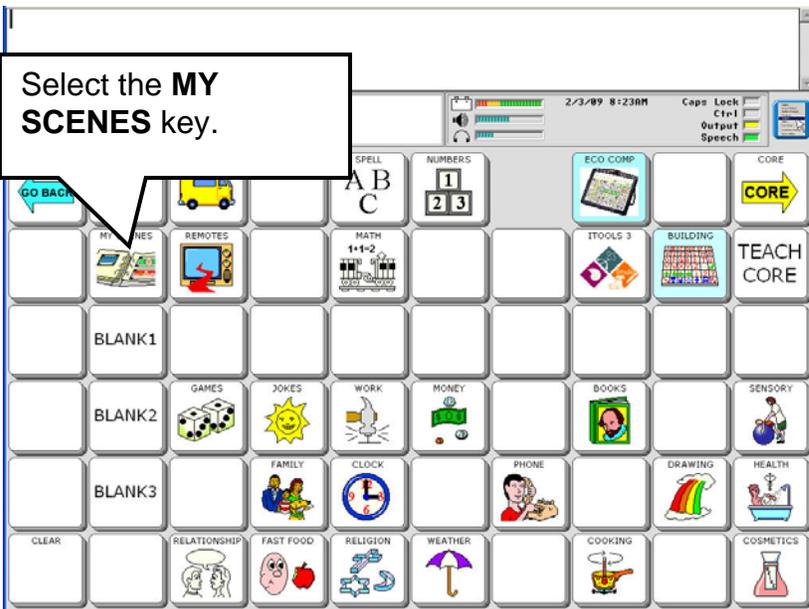


Select the **PAGES** key.

Go to your CORE vocabulary.



Select the **PAGES** key in the Activity Row.



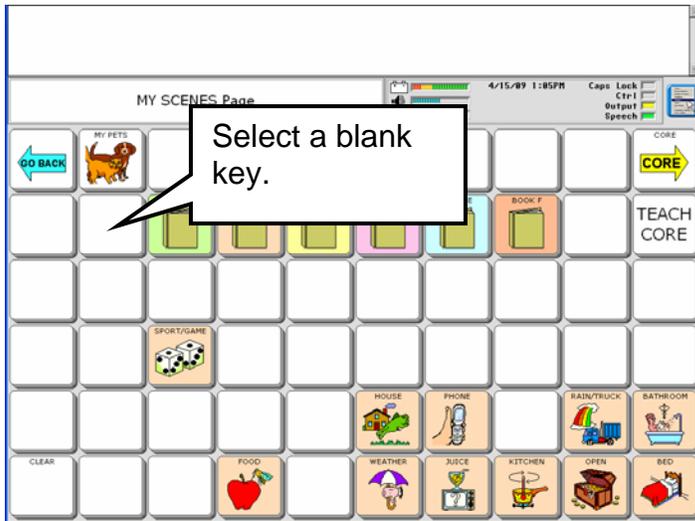
Select the **MY SCENES** key.



Select the **MY SCENES** key.



Select the **SET-UP** key on the front of the case.



Select a blank key.

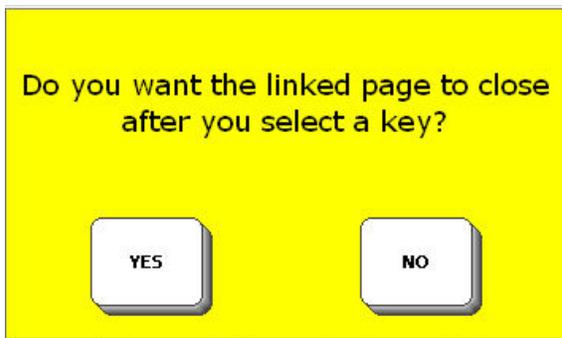


Now select the **Spell Message...** key



Select the **PAGE LINK** key on the spelling overlay.

You see a Warning Box:



If you select **YES** you can make one selection on your new page, then return automatically to your original page. This is a "two-way link."

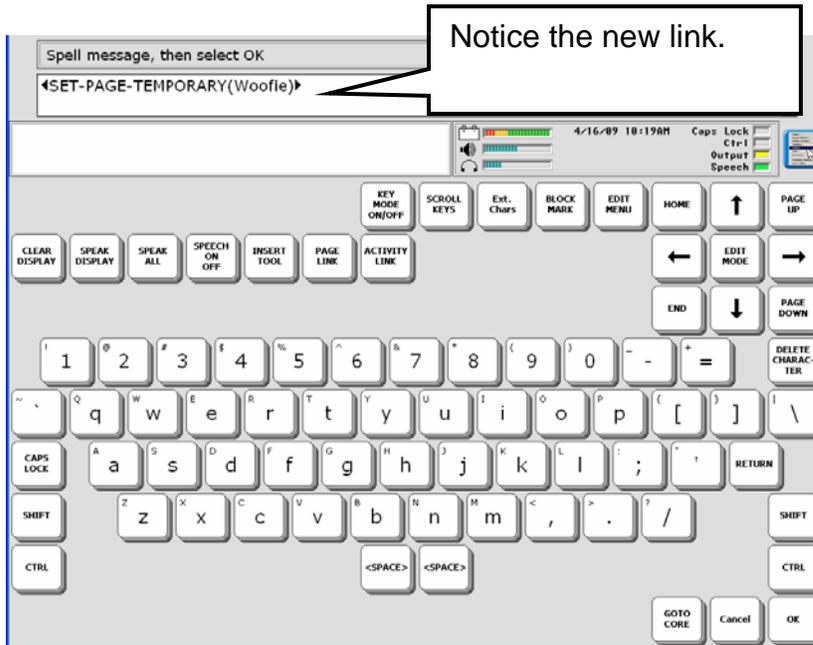
If you select **NO**, you will go to your linked page and stay there. This is a "one-way link."

For now, select **NO**. We will probably want to stay on our scene page for awhile so we can talk about Woofie.

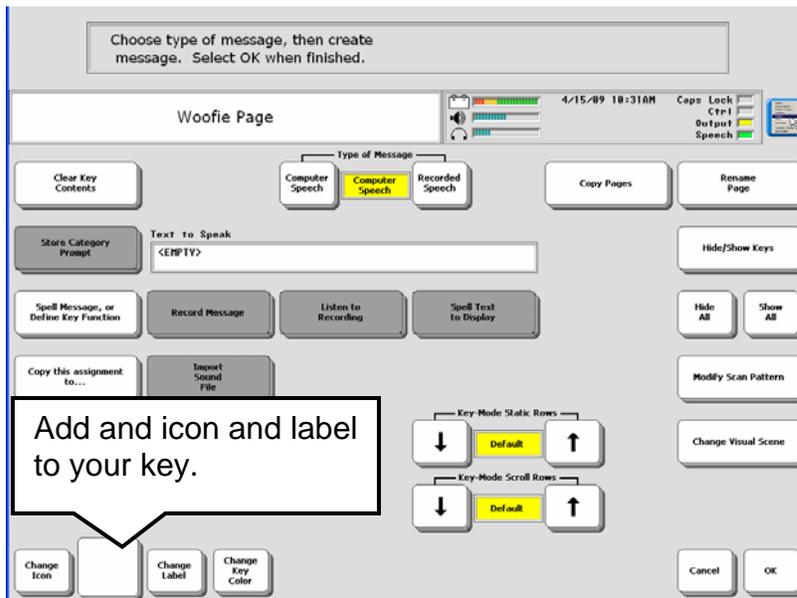
Choose the Page you want to link to

Once you select YES or NO in the Warning Box, you will automatically go to the **Pages Menu** where you can select the Page you want to link to.

Pages are listed in alphabetical order. Select Spell page to find, spell "Woofie" and then select the "Woofie" key. You can also select **More Items** until you see "Woofie" and then select it.

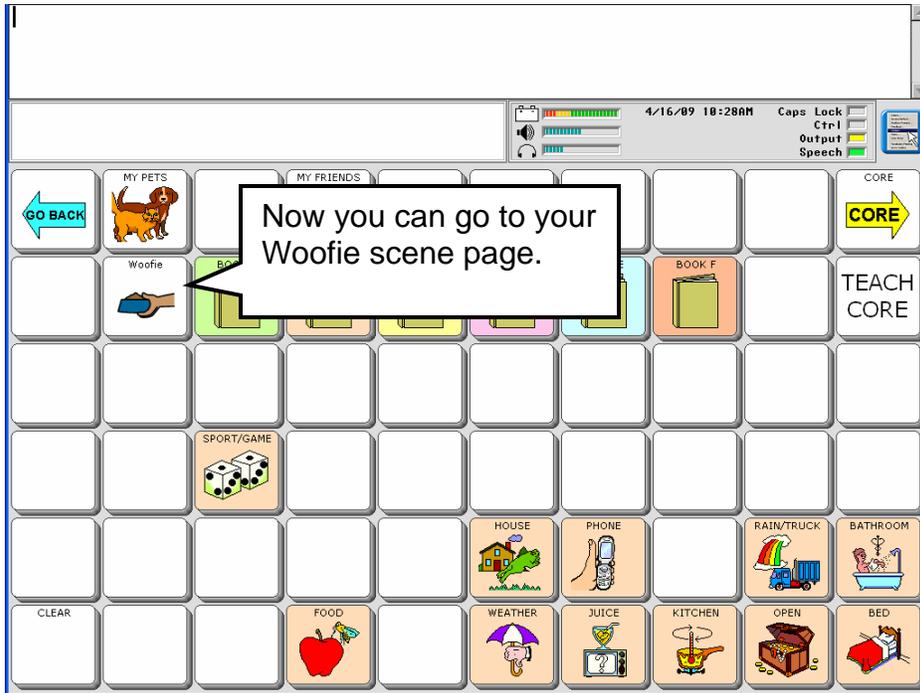


Select OK to exit the spelling overlay.



Now you can add an icon to your key, change its label and add a color if you want one. You want to add an icon and label that will help you remember what this scene page is.

When you have finished, select **OK** to return to the **MY SCENES** page.



Using the Internal Computer

➤ See the **INTERNAL COMPUTER** chapter in the ECO manual for complete information.

The internal computer is an ECO option. If you purchased this option when you originally bought your ECO, you can use the internal computer whenever you want. If you would like to purchase the internal computer, you can call the PRC Sales Department at 800-262-1933.

The ECO software is designed to be used as an on-screen keyboard that can access Microsoft® Windows XP programs.

Computer access is available from the Activity Row and also from a Computer Page.

Computer Activity

Select the **ACTIVITY** key . Then select the **COMPUTER** key .

You see the **Computer Activity Row**:



To turn the internal computer On select the **ECO COMP** key .

When you select the **ECO COMP** key, your device automatically turns the computer output on, takes you to the internal computer and minimizes the **Computer Programs Page**.

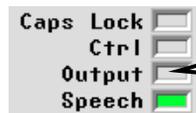


You can turn the internal computer OFF by selecting the Computer **ON/OFF** key  from the Computer Activity row. (Select the **CORE** key to go to the Computer Activity row.)

☞ To check at any time whether output is On or Off, look at the Status Display Area on your device. There is an **Output** light: a green light next to **Output** means Output is **ON**, otherwise it is OFF.



Output **ON**



Output **OFF**

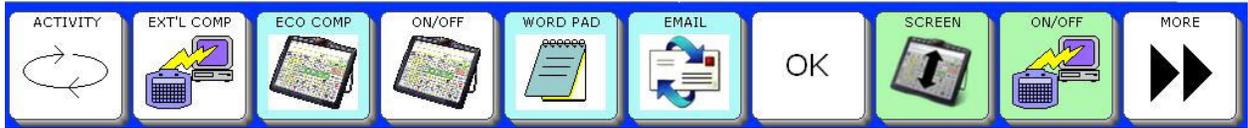
Computer Access from the Computer Page



Select the **PAGES** key . Then select the **ECO COMP** key .

When you select the **ECO COMP** key, your device automatically turns the computer output on, takes you to the internal computer and minimizes the Computer Programs Page.

Keys in the Computer Access Activity Row



(Keys from Left to Right)

ACTIVITY

Select to see other Activities.

EXTL COMP

If you are connected to an external computer, this key opens an Activity row for external computer use. Select **EXTL COMP** again in the open row to turn External Output **ON** (in the OUTPUT MENU).

ECO COMP

This takes you to the ECO's internal computer. It automatically turns the internal computer output to ON and minimizes your overlay to four rows.

ON/OFF (ECO icon)

Select this to turn internal computer output ON or OFF.

WORD PAD

This opens a Page of keys for working in Windows® Word Pad™

E-MAIL

This opens a page of keys for working in Microsoft® Outlook™ Express.

OK

This key takes you back one page.

SCREEN

This key reduces your overlay screen to four rows so you can see your ECO desktop. Select it again to bring your overlay back to full size and hide the computer desktop.

ON/OFF (device/computer icon)

This is a second Output On/Off key. It turns the internal or external computer output ON or OFF.

The Computer Programs Page



You see four rows of your computer page with the ECO desktop behind them. These four rows contain the computer programs and functions that are available to you on the 60 sequenced overlay. They will be arranged differently on other overlays.



The **GO BACK** key takes you back to the **PAGES** page.



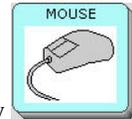
The **CORE** key returns you to your CORE vocabulary with the Computer Activity row open.

Color Coding

The keys **outlined in light blue** open up a new Page that allows you to use the program (e.g., Word Pad, MS Word, the Calculator, etc.).



The **TOGGLE** key allows you to switch between open applications. If you select the application on top, the focus will be on that application.



There are two **MOUSE** keys that will take you to the **MOUSE** Page. The regular **MOUSE** key



is for scanning and direct selection. The **HP MOUSE** key is for the Madentec Tracker™ headpointer. You can copy and paste the HP MOUSE key to other locations by plugging your mouse into the ECO and right click to find the menu for Setup., Copy, Cut and Paste.

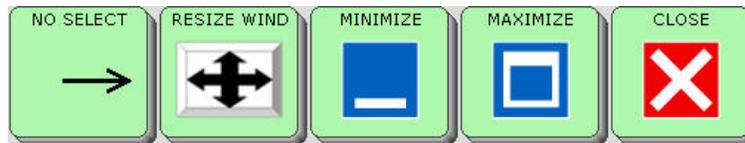
The keys with the **solid light green** background are tools for ECO computer operations.



The **REFRESH** key returns computer focus to the open window on your ECO desktop. When you select this key it sends the mouse cursor to the top center of the ECO desktop.



The **CLOSE** key gives you 5 more keys that allow you to manage window sizes and



close applications. The **NO SELECT** key allows you to return to your Computer Programs overlay.

There are many keys on the Computer Programs Page for applications that you may not use. You may either hide these unused keys or clear them out to make room for links to other Pages.

About Internet Access

You must install an internet connection in order to use the internet. Whether you have internet access on your home computer, or have never had internet but want it now, call your internet service provider for information on setting up an internet connection for your ECO.

The ECO can accommodate the following for internet use:

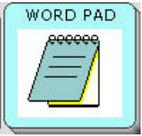
A PCMCIA card, but if you have both an Ethernet card and a phone card, they will have to share the PCMCIA slot;

A wireless compact flash card (80211G);

A USB adapter for internet access. If you have internet service for a home computer, your ECO will be the same as a second computer—desktop or laptop.

Using Microsoft® Word Pad

Select the **ECO COMP** key  from the **Computer Activity** ().

Select the **WORD PAD** key .

Select the **START** key .



You can use your overlay keys or go to your Spelling page to enter text into Word Pad.

Sending Text to the Computer Application

When **Output** is **On** and you have a Windows program open, any text you generate will be sent to the current active Windows program. So if you have a word processor open, text will be going to the word processor; if you have a spreadsheet open, data is going to the spreadsheet; and if you have an e-mail program open, you are writing into your e-mail document. This is the case whether you are generating text from your overlay or the in the Windows program itself.



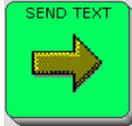
If you want to stop and talk to someone, select the **CORE** key



to turn the **Output** off. Now you can talk and text in the Text Display Area will not go to your internal computer. When you are ready to return to Word Pad, select the **ECO COMP** key



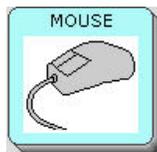
If , when you were in CORE, you generated text that you would like to use in Word Pad, you can select the



SEND TEXT key and any text in your Text Display Area will be transferred to the Word Pad application.

Using a Mouse

The computer overlay has two mouse options:

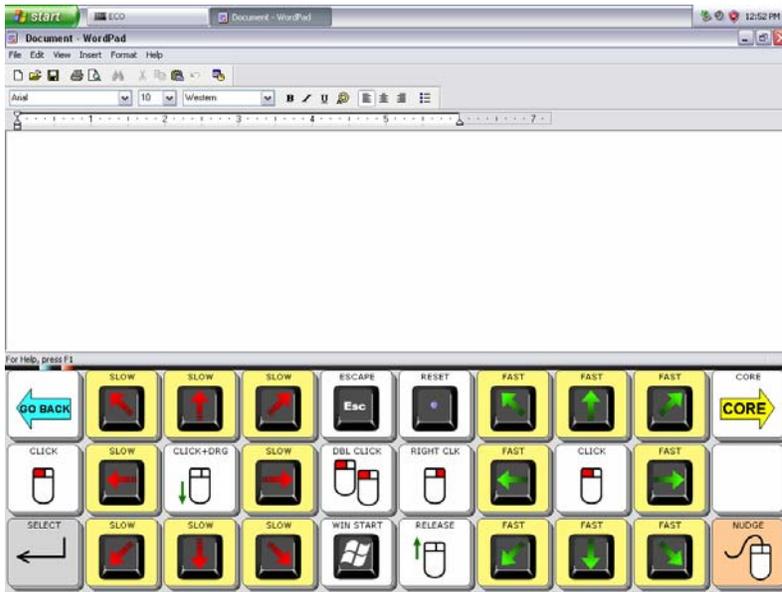


The **Direct Selection mouse** and the



Headpointer mouse

Select the one you want. You will see your mouse overlay.



Select the mouse keys that you want to use.

Here are just some examples of how the mouse control commands are stored.

Minimizing ECO

If you want to minimize the ECO screen so that it ends up in the Taskbar like regular applications, use the



MINIMIZE ECO key on the front of the case. You can also assign the MINIMIZE ECO tool to a key on your overlay.

➡ See the **STORE/ASSIGN TOOLS** chapter in the ECO manual for complete information.

Connecting to an External Computer

You can use a USB cable, a PRC Bluetooth wireless adapter or a PRC infrared receiver (IRR) to connect to an external computer for computer emulation. Bluetooth adapter and IRR are optional purchases. Your device may not be set up for IRR.

USB Cable

Plug the square connector on the cable into the square USB port on the right side of the ECO case. Plug the other end of the cable into the USB port on your computer.

Open the **OUTPUT MENU** on your ECO.

For **Output Destination** select **EXTERNAL**.

For **Output Method** select **USB**.

For **Host Computer Type** select **MAC** or **IBM**.

Set **Output** to **ON**.

Bluetooth Wireless Adapter

Plug the Bluetooth wireless adapter into a **USB port on your computer**.

Open the **OUTPUT MENU** on your ECO.

For **Output Destination** select **EXTERNAL**.

For **Output Method** select **Bluetooth**.

For **Host Computer Type** select **MAC** or **IBM**.

Set **Output** to **ON**.

IRR

 To set up your **IRR**, read the instructions that came with it. Also see **Appendix I** in the **ECO Operator's Manual**.

Plug the IRR into the Serial port on your **computer**.

Plug in the IRR battery charger.

Open the **OUTPUT MENU** on your ECO.

For **Output Destination** select **EXTERNAL**.

For **Output Method** select **IRR**.

For **Host Computer Type** select **MAC** or **IBM**.

Set **Output** to **ON**.

If you need to change the ECO's baud rate, select the **Advanced Settings** option.