



ECTACO<sup>®</sup> jetBook<sup>®</sup> K-12

Educational eBook System

## **USER MANUAL**

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## FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to

correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## INTRODUCTION

Congratulations on your purchase of the Ectaco Educational eBook System! The product you have purchased is the result of the combined efforts of the Ectaco team of linguists, engineers, and programmers. ECTACO® jetBook® K-12 is your ultimate learning guide, dictionary, personal library, and music player.

ECTACO® jetBook® K-12 features:

- eBook Reader – read your favorite electronic books.
- Talking Oxford® (English) Dictionary – an advanced talking English explanatory dictionary.
- Talking Oxford® (bilingual) Dictionary – a talking dictionary of general, medical, technical, legal, and slang words and expressions with transcriptions, usage examples and part-of-speech labels. It speaks words out loud with a real human voice.
- SAT Preparation Course – aids you in raising your score and understanding how to solve SAT level questions.
- SpeedReading Course – trains you to read efficiently, productively, and much faster than ever before.
- Full Text Translation System – provides effective translation of any texts. Once translated, the text can then be spoken aloud using the latest TTS (Text-to-Speech) voice synthesis technology. Compatible with

ECTACO®/C-Pen® scanner.

- English and Spanish grammar courses.
- English irregular verbs and popular idioms.
- Phonetic Language Teacher® – a complete system that will teach you a language step by step like a personal tutor.
- U-Learn™ – a hands-free and eyes-free speech recognition and speech analysis system to learn words, phrases and grammar. It even includes "sleep mode" for studies when you are unable or do not want to speak.
- Audio PhraseBook™ – features advanced speech recognition and crystal-clear output of native-speaker voice narration for 14,000 phrases per language pair.
- Pictured Dictionary – displays pictures of related words and provides translations and human voice pronunciation in 36 languages.
- Language Infotainment: Linguistic Crossword, Pockets Game, Translation Test, Spell-It-Right Tutor, Linguistic FlashCards, Vocabulary Builder.
- Sudoku puzzle.
- Graphing Calculator, Scientific Calculator, Accounting and Loan Calculator.
- World Economics and Geography – factbook for over 250 countries.
- Voice Recorder – record conversations on-the-go and then translate them in your home or office.
- Reference books for Math, Chemistry, Physics, Earth

Science, and Biology.

- Interactive Periodic Table of the Elements.
- US History and Facts, Audio Player with MP3 support, World Time, Metric Conversion and more...
- 250 MB internal memory.
- microSD slot for up to 32 GB cards.

The functionality of a particular model depends on the set of languages included, and it may partially differ from the device description in this manual. For more information about a particular model, please visit our Web site at [www.ectaco.com](http://www.ectaco.com).

Check our Web site [www.jetbook.net](http://www.jetbook.net) periodically for the latest updates.

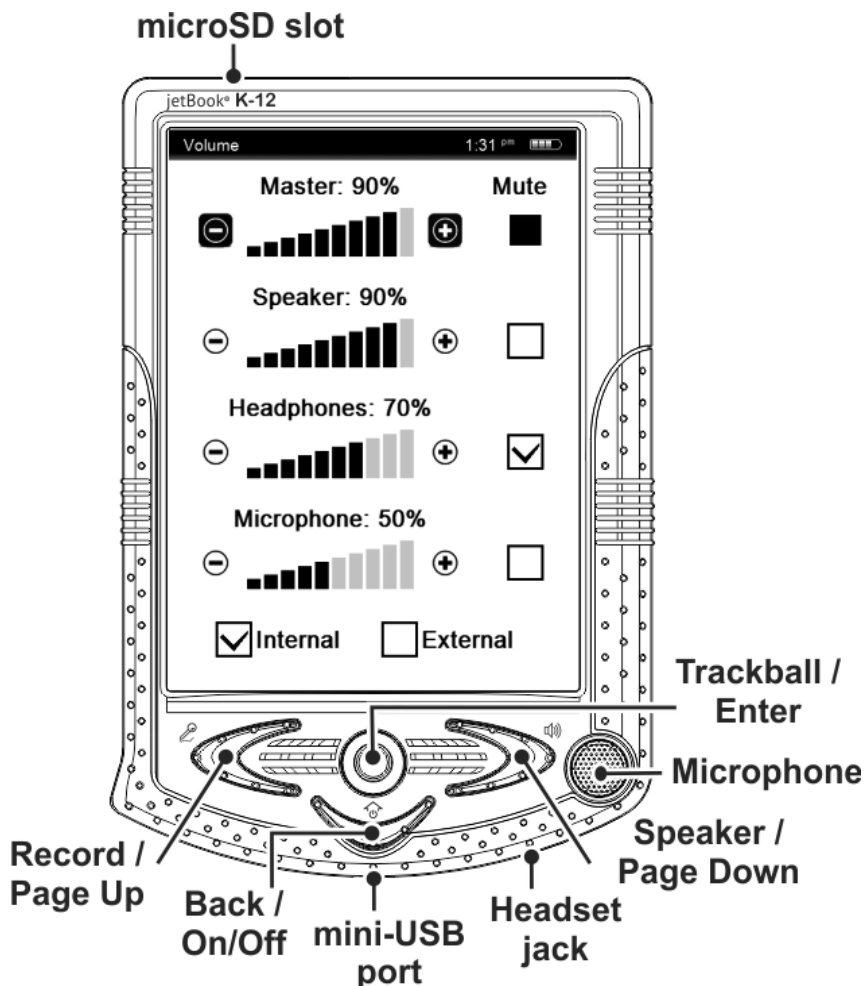
Device is powered by an AC/DC adapter (Travel Charger) and rechargeable battery (all included in the standard package).

**Note:** Always use the original accessories manufactured by ECTACO, Inc.

# GENERAL DESCRIPTION

## General View

The general view and essential features of ECTACO® jetBook® K-12 are shown below:



## ***Power Supply***

ECTACO® jetBook® K-12 is powered by a special Li-Polymer rechargeable battery. When the battery becomes weak, the red LED signal starts blinking. To restore full functionality of the device, recharge the battery as soon as possible.

The battery compartment is located on the back of the device and is covered with a plastic cover.

- To turn the device on, press and release the *Back (On/Off)* key and then within 5 seconds press and release the *Record* key.
- Press and hold the *Back (On/Off)* key for 3 seconds to turn the device off.

## **How to Recharge the Battery**

**Note:** Only a special rechargeable battery, special charger, and special USB cable may be used with your ECTACO® jetBook® K-12. Use of an inappropriate external power supply may cause failure of the device and will void the warranty.

- Connect the AC/DC adapter to your device via the mini-USB port (see *General View*), or connect your device to your PC using the special USB cable. The red LED signal shows that the battery is recharging.

**Note:** Charge the battery overnight prior to the first use of the device.

## ***microSD Card***

In addition to the internal memory, ECTACO® jetBook® K-12 supports microSD and microSDHC cards.

- Create the following folders on your microSD card: *My Books* and *My Music*.
- Copy your books to the *My Books* folder on the microSD card.
- Copy your audio files to the *My Music* folder on the microSD card.

Slide your microSD card into the slot located on the top edge of the device – the contacts of the card face up. Push the card gently until it clicks into place. To eject the card, push it in slightly.

**Note:** If the microSD slot is covered, please detach the slot cover before you insert the card.

## ***PC Communication***

The *PC Communication* function allows you to manage files and folders stored in the internal memory of the device. For example, you may wish to add books and music files.

- Turn the device on.
- Connect the device to your PC using the special USB cable and the mini-USB port located on the device (see *General View*). Shielded cables must be used with this device to ensure compliance with the class B FCC limits. Please wait while your PC detects the device.
- Navigate to the newly detected removable disk on your PC to browse through the files stored in the internal memory of the device.
- Copy your files to the respective folders. For example, copy your books to the *My books* folder.

**Note:** Always back up your important data! Neither the manufacturer nor the dealers assume any responsibility for lost or corrupted data.

## ***Initialization***

In the rare event that the data on the screen is corrupted or a program is not responding properly, you will need to perform a reset.

The *Reset* button is located on the back of the device under the battery compartment cover. It can be accessed with any thin object like a paper clip. Never use a needle or a sharp pin for this purpose since it can damage the device.

Electrostatic discharge may cause failure of the device. Please use the *Reset* button to restore full functionality of the device.

## ***Display and Main Menu***

ECTACO® jetBook® K-12 features a 5-inch screen (640 × 480 pixels) with a graphical interface. The *Main Menu* consists of six sections, which visually organize access to the ECTACO® jetBook® K-12 applications.

**Note:** Selecting screen items is done with the *trackball* (see *General View*).

### **Main Menu**

- To display the *Main Menu*, turn the device on, and/or exit the currently running application. Use the *Back (On/Off)* key for this purpose. The *Main Menu* consists of the following sections: ***MyLibrary, Oxford® Reading Support, Language and Games, Science and Math, Audio Books and Music, Extras and Help.***

The *Main Menu* sections are described below. The contents of the *Main Menu* depend on product model.

- Use the ***MyLibrary*** section to access ebooks.
- Use the ***Oxford® Reading Support*** section to access *Talking Oxford® Dictionary, Talking Oxford® English<->Spanish Dictionary, SAT Preparation Course, SpeedReading Course, English<->Spanish Text*

*Translator, Irregular Verbs, Idioms, Spanish Grammar (in English), English Grammar (in Spanish), and English Grammar (in English).*

- Use the **Language and Games** section to access *Phonetic Language Teacher®*, *U-Learn™*, *Audio PhraseBook™*, *Pictured Dictionary*, *180-Language Dictionary*, *Vocabulary Builder*, *Linguistic Crossword*, *Linguistic FlashCards*, *Pockets*, *Translation Test*, *Spell-It-Right*, and *Sudoku*.
- Use the **Science and Math** section to access *Graphing Calculator*, *Scientific Calculator*, *Accounting and Loan Calculator*, *World Economics and Geography*, *US History and Facts*, *Math References*, *Chemistry*, *Periodic Table*, *Physics*, *Metric Conversion*, *Earth Science*, and *Biology*.
- Use the **Audio Books and Music** section to access music and other audio files.
- Use the **Extras and Help** section to access *Help*, *Settings*, *Learning Settings*, *Voice Recorder*, and *World Time*.
- Use the trackball to select a section.
- When in a section, highlight the desired application name and then press the trackball. The application will open.
- To close an application, press the *Back (On/Off)* key.

## Using the Voice Commands

Voice commands are always available when the interface language is set to *English*. They might be unavailable for certain languages.

- When in the *Main Menu*, press and hold the *Record* key. You will see the *Speak now!* message.
- Say the name of the desired section or application and then release the *Record* key. The section or application will then open.

## On-screen Keyboard

The on-screen keyboard is a set of virtual keys displayed on the screen. This set of keys simulates the conventional physical keyboard or part of it.

In applications featuring text input, the on-screen keyboard is activated automatically where it is applicable. You can also activate the on-screen keyboard from the pop-up menu, if available.

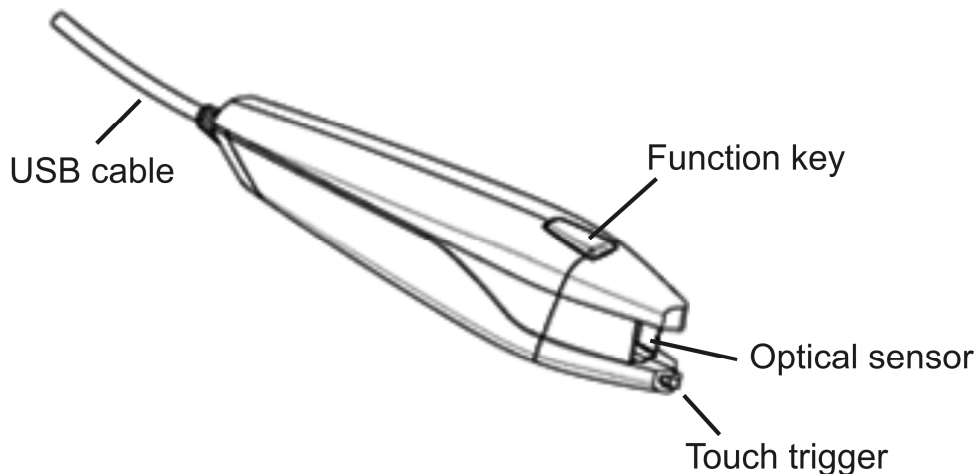
## ECTACO® C-Pen®<sup>1</sup>

With ECTACO® C-Pen® you can acquire and then translate words or text portions from paper media. It is

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<sup>1</sup> Optional accessory.

capable of recognizing texts in languages based on Latin, Cyrillic or Greek character set.



- Connect ECTACO® C-Pen® to your device. Make sure the device is turned on.

**Note:** You can recharge the battery while using ECTACO® C-Pen® – just use a special USB twin cable (available separately) to connect ECTACO® C-Pen® to the device and power supply. The device is capable of working continuously, as long as ECTACO® C-Pen® is connected to a power supply.

- Press the *Function* key on ECTACO® C-Pen®. You will see the *C-Pen ready* dialog.
- Select the desired language and application.
- Place the tip of ECTACO® C-Pen® before the first character of your text. The leg with the touch trigger

should be below the text line and the other leg above the text line.

- Keep the touch trigger pressed onto the surface and move ECTACO® C-Pen® over the line of text. You can move ECTACO® C-Pen® either left-to-right or right-to-left over the text.
- Lift your ECTACO® C-Pen®.
- Select *OK*.

The text will be transferred to the selected application.

## ***Pop-up Menus***

With the help of pop-up menus, you can quickly choose an action to perform on the selected item.

**Note:** Pop-up menus may vary from application to application.

- To activate a pop-up menu, highlight the desired item and hold the trackball down for 2 seconds. Alternatively, select the *Menu* key on the on-screen keyboard, if available.

## ***Parts of Speech, Gender Labels, Abbreviations***

Translations or definitions of a headword are shown with their parts of speech:

**A** – adjective  
**ABBR** – abbreviation  
**ADV** – adverb  
**ART** – article  
**AUX** – auxiliary  
**CONJ** – conjunction  
**ID** – idiom  
**INTRJ** – interjection  
**N** – noun  
**NPR** – proper noun  
**NUM** – numeral  
**PART** – particle  
**PHR** – phrase  
**PREF** – prefix  
**PREP** – preposition  
**PRON** – pronoun  
**SUFF** – suffix  
**V** – verb

Nouns may be marked with gender and number labels:

**F** – feminine  
**FPL** – feminine plural  
**M** – masculine  
**MF** – masculine or feminine  
**MFPL** – masculine or feminine plural  
**MN** – masculine or neuter  
**MNPL** – masculine or neuter plural  
**MPL** – masculine plural

**N** – neuter

**NF** – neuter or feminine

**NFPL** – neuter or feminine plural

**NPL** – neuter plural

**PL** – plural

Certain words and expressions may be marked with specific abbreviations.

## ***Pronunciation of Words and Sentences***

ECTACO® jetBook® K-12 speaks dictionary entries out loud with a real human voice in English and other languages. These entries are marked with a special icon:



In the *Text Translation* application, the device employs TTS (Text-to-Speech) technology which allows you to listen to the pronunciation of text.

- To hear the displayed or highlighted headword pronounced, press the *Speaker* key. Alternatively, use the pop-up menu (press and hold the trackball for 2 seconds).

**Note:** The *Volume* options (found in the *Settings* section) allow you to adjust speech volume.

## MY LIBRARY

### ***Book Browser***

ECTACO® jetBook® K-12 comes with a set of preinstalled books. It also allows downloading additional books from various sources. The following book formats are supported: Plain Text (.txt), FictionBook (.fb2), Mobipocket (.mobi), PRC, PDB, EPUB, RTF, HTML, and PDF. The device supports DRM-protected files. For best performance, it is recommended that you use TXT (text) files.

- In the *Main Menu*, select *MyLibrary*.

You will see the *MyLibrary* window with the following items: *Recent Readings*, *Favorites*, and a list of books.

- Use the trackball to select the desired item.
- To activate the pop-up menu, hold the trackball down for 2 seconds.

The available pop-up menu items are described below.

When in the list of books:

***Open*** – open the selected item.

***Rate this Book*** – the following options are available: *Without rating*, *1 star*, *2 stars*, *3 stars*, *4 stars*, and *Favorite*.

**Sort** – sort books *by Filename, by Author, by Title* or *by Rate*.

**Search** – specify any alphabetic or numeric string that might be found in the *Author* or *Title* fields.

**Rename Book** – rename the selected book.

**Change Author** – change the author's name.

**Edit** – *Cut, Copy, Delete* or *Paste* the selected item.

**Exit** – exit the application.

When in reading mode:

**Explain** – get an explanation of the selected English word.

**Select** – select text. Press the trackball and then rotate it to select a portion of text. Press the trackball once again to complete the operation. You will see the pop-up menu which has the following commands: *Translate, Listen,* and *Mark for Summary*. Use the *Mark for Summary* command to add text portions to summary. Additionally, the *Go to link* command is available in the pop-up menu when using a PDF file. Use the *Go to link* command to follow a link contained within the selected portion of text. If no link present, the command has no effect.

**Translate** – dictionary look-up. Rotate the trackball to highlight the word you want to translate. Press the trackball to complete the operation.

**Speak** – listen to the pronunciation of text. Press the trackball and then rotate it to select a portion of text. Press the trackball once again to complete the operation.

**Bookmarks** – *Add Bookmark, Show Bookmarks*. To delete a bookmark, highlight it in the bookmark list (accessible via the *Show Bookmarks* command), hold the trackball down for 2 seconds and then use the *Remove Bookmark* command in the pop-up menu that appears. To go to a bookmark, just select it in the bookmark list by pressing the trackball. Alternatively, select the *Go to Bookmark* command in the pop-up menu.

**Summary** – *Mark for Summary and Show Summary*. Press the trackball and then rotate it to select a portion of text. Press the trackball once again to complete the operation. *Show Summary* – show text portions previously added to summary.

**Go to Page Number** – go to the specified page.

**Options** – *Change Font Size, Text Search, Auto Turn Page, Rotate Screen, About This Book, Book Language, and Encoding*. If the text appears garbled, select the appropriate encoding and the text will be reformatted accordingly. For the translation and speech functions to work correctly, make sure the correct *book language* has been selected. The *Change zoom* command is available

instead of the *Change Font Size* command when using a PDF file.

**Fullscreen** – Switch to full-screen mode.

**Help** – Display *Help*.

- Rotate the trackball to the right or to the left to page up or down.

If some characters appear garbled, try converting the file to PDF format. The conversion is performed on your computer. There are many programs suitable for this purpose. For example, *Calibre* that is available at <http://calibre-ebook.com>.

- After the program is installed, start *calibre - E-book management* from *Start / All Programs / calibre - E-book Management*.

- Click the *Add books* button in the top left corner of the application's main window.

- Select the book of your choice.

You can select multiple books by holding down the CTRL key while clicking.

- Click *Open*. The book title will show up in the application's main window.

- Click the *Convert books* button and then, in the top right corner of the *Convert* window, specify the *Output format*. Select *PDF*.

- Click *OK* to launch the conversion process.

When the conversion process is finished, right-click the book title in the application's main window, and then select *Open containing folder* in the menu that appears. You will see your book in PDF format.

## Using the Voice Commands

The following menu items are recognized as voice commands: *Explain*, *Select*, *Translate*, *Speak*, *Options*.

- When in the reading mode, press and hold the *Record* key. You will see the *Speak now!* message.
- Say the name of the desired command and then release the *Record* key. The corresponding action will be performed.

## OXFORD® READING SUPPORT

### ***Talking Oxford® (English) Dictionary***

ECTACO® jetBook® K-12 includes the advanced English explanatory dictionary.

- In the *Main Menu*, select *Oxford® Reading Support*. You will see the *Oxford® Reading Support* window.
- Select *Talking Oxford® Dictionary*.
- To define a word, enter it using the on-screen keyboard.
- To launch the spell-checker, select the *Check* key on the on-screen keyboard.
- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands: *Speak*, *History*, *Volume*, *Search*, and *Help*.

### ***Talking Oxford® (bilingual) Dictionary***

ECTACO® jetBook® K-12 contains the most advanced electronic dictionary available on the market.

- In the *Main Menu*, select *Oxford® Reading Support*. You will see the *Oxford® Reading Support* window.
- Select *Talking Oxford® (bilingual) Dictionary*.
- To translate a word, enter it using the on-screen keyboard.

- When the desired word is displayed, select it to see its translation(s) using the trackball.
- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands: *Speak*, *History*, *Change Direction*, *Volume*, *Search*, and *Help*.
- To list the words or phrases you translated, select *History* in the pop-up menu.

### **Spell-checker Vector Ultima™**

The spell-checker Vector Ultima™ is one of the most advanced on the market. When you are unsure of a word's spelling, Vector Ultima™ allows you to enter the word as you hear it and choose a spelling variation from the list.

- Type the word *aphorism* as you hear it: *aforism*.
- To launch the spell-checker, select the *Check* key on the on-screen keyboard.

### ***SAT Preparation Course***

This application will for sure help you in SAT preparation with SAT words, roots, math terms, critical reading and sentence completion, grammar, vocabulary, math problem solving, and essay hints.

- In the *Main Menu*, select *Oxford® Reading Support*. You will see the *Oxford® Reading Support* window.

- Select *SAT Preparation Course*. You will see the application's menu.
- Select *Words, Critical Reading / Sentence Completion, Writing/Grammar, Writing/Vocabulary, Math / Problem Solving* or *Essay hints*.

## ***SpeedReading Course***

The SpeedReading course presented in this device will train you to read more efficiently, productively, and much faster than ever before!

- In the *Main Menu*, select *Oxford® Reading Support*. You will see the *Oxford® Reading Support* window.
- Select *SpeedReading Course*.

The course comprises four levels: *Beginner, Intermediate, Advanced, and Master*.

- Select the desired level.
- Select *Training* to start practicing.
- Select *Exercises* to choose training tasks of your own accord.
- Select *Testing* to evaluate your current reading speed.
- Select *Statistics* to check your speed reading progress.

## ***Text Translator***

ECTACO® jetBook® K-12 features a highly efficient text translation program.

**Note:** *Text Translation* is available for certain languages only.

- In the *Main Menu*, select *Oxford® Reading Support*. You will see the *Oxford® Reading Support* window.

- Select *Text Translator*.

- To activate the pop-up menu, select the *Menu* key on the on-screen keyboard.

The pop-up menu contains the following commands: *Switch window, Cut, Copy, Paste, Clear, Select all, Explain, Speak, Select Text, Direction, Volume, and Help*.

- Enter the text for translation and then select the *Translate* key on the on-screen keyboard.

- To change the translation direction, select the *Direction* command in the pop-up menu.

- To hear the text pronounced, select the *Speak* command in the pop-up menu.

- Use the *Switch window* command to change the cursor position.

- To select a portion of text, first place a check mark next to the *Select Text* option in the pop-up menu. Press the

trackball and then rotate it to select a portion of text. Press the trackball once again to complete the operation.

- You can view the definition of the desired English word. Select the word and use the *Explain* command.
- To clear the screen and enter a new text, select the *Clear* command in the pop-up menu.

## ***Irregular Verbs***

All commonly used English irregular verbs are stored in the *Irregular Verbs* application.

- In the *Main Menu*, select *Oxford® Reading Support*. You will see the *Oxford® Reading Support* window.
- Select *Irregular Verbs*.
- Select the desired verb; it will appear highlighted.

The verb's translation will be shown on the lower section of the screen.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands: *Say Source Word*, *Say translation*, *Search*, *Volume*, *Help*.

## ***Idioms***

Over 200 widely used American idioms and their equivalents or translations are included in the *Idioms* application.

- In the *Main Menu*, select *Oxford® Reading Support*. You will see the *Oxford® Reading Support* window.
- Select *Idioms*.
- Select the desired idiom; it will appear highlighted.

The idiom's translation will be shown on the lower section of the screen.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands: *Say Source Word*, *Say translation*, *Search*, *Volume*, *Help*.

## ***Grammar***

ECTACO® jetBook® K-12 contains the Courses of English Grammar in English and Spanish as well as the Course of Spanish Grammar in English.

- In the *Main Menu*, select *Oxford® Reading Support*. You will see the *Oxford® Reading Support* window.
- Select *Spanish Grammar (in English)*, *English Grammar (in Spanish)* or *English Grammar (in English)*.

The *Grammar* application is structured by way of hierarchically numbered menus that include options referring to traditional grammatical topics. A topic's text is displayed when a third level menu option is selected.

You can move through the *Grammar* section by using the trackball.

- Rotate the trackball to highlight the desired hyperlink or button.
- Press the trackball to confirm your choice.

## LANGUAGE AND GAMES

### ***Phonetic Language Teacher***®

ECTACO® jetBook® K-12 features the *Language Teacher*® – a language learning system. It is an extremely powerful linguistic tool for those who want to master a foreign language and learn to communicate fluently. With the help of the *Language Teacher*®, you will learn a language quickly and easily.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.

- Select *Phonetic Language Teacher*®.

There are four options in *Language Teacher*®: *Alphabet*, *Words*, *Phrases*, and *Dialogs*. Each option comprises several stages.

- Select *Go* or *Restart* to start learning.

- Otherwise, select *Continue* to resume learning from where you left off.

- Follow the instructions announced.

- Select *Continue* to go to the next item, stage, or step. You may quickly jump to the desired option by selecting the respective item.

The *Words*, *Phrases*, and *Dialogs* options are powered through speech recognition and a graphical testing

system. The phrase you have said will be recorded, automatically recognized and compared to the model pronunciation. The smileys ( 😊 , 😐 , 😞 ) along with a voiceover will guide you to improve your articulation skills.

## **Alphabet**

- Listen to the alphabet. Select the desired letter's icon to listen to its pronunciation again.
- Listen to the sample words by selecting the appropriate on-screen key.

## **Words**

You will see words illustrated by pictures. Each word will be announced by voice.

- Follow the instructions announced and try to memorize the words.

## **Phrases**

The phrases will be displayed and pronounced line by line. Some of the phrases have changeable parts. These are underlined.

- Follow the instructions announced and try to memorize the phrases.

## **Dialogs**

- Listen to the dialogs and master your pronunciation skills.

## ***U-Learn***™

Learning a foreign language while on the go or in your car makes the U-Learn™ system so effective. This application will help you enlarge your vocabulary quickly and have you speaking a foreign language in no time.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *U-Learn*™.
- Follow the instructions announced.
- Press the *Record* key to activate the menu. The following options are available: *Volume control*, *Go to the topic...*, *Sleep mode*, *Restart*, and *Exit*.

*Sleep Mode* does not require any feedback from you during the course and allows you to memorize words and phrases when you are unable or do not want to speak.

- Press the *Speaker* key to pause or to continue training.

## ***Audio PhraseBook***™

ECTACO® jetBook® K-12 substitutes for an interpreter in standard situations such as registering at a hotel, shopping, visiting bank etc. You simply choose the appropriate phrase and the device will pronounce its translation.

## Basics

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Audio PhraseBook™*.

For easy references, the phrases are arranged by topics.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands: *Select Topic*, *Select Subtopic*, *Swap Languages*, *Search*, *Switch Speaker to Male/Female*, *Switch Interlocutor to Male/Female*, *Auto playback*, *Switch to User Topic*, *Add to User Topic*, *Volume*, *Say Source Phrase*, *Say Target Phrase*, and *Help*.
- To change topic or subtopic, use the *Select Topic* or *Select Subtopic* commands in the pop-up menu.
- To change the translation direction, select the *Swap Languages* command in the pop-up menu.
- To hear the phrase translation pronounced, press the *Speaker* key.

Some of the phrases have changeable parts. These are underlined. For example, when viewing the phrase *How frequent are the flights?* you can press the trackball and change the flights to the trains. The phrase translation will change accordingly.

## Categories: Subtopics, Useful words, You may hear

All topics contain a number of subtopics.

- To view the list of subtopics, use the *Select Subtopic* command in the pop-up menu.
- Select the desired subtopic or one the following items: *Useful words* or *You may hear* to view its contents.

In the *Useful words* section, the application shows useful words and speech patterns pertaining to the topic, if available.

- Select *You may hear* to view a list of possible replies you may hear from your interlocutor.
- To find the desired phrase, select the *Search* command in the pop-up menu. You may input a whole phrase (for example, *Thank you*) or a single word (*thank*).

## Options

Select the *Switch Speaker* and *Switch Interlocutor* commands in the pop-up menu for greater translation flexibility and accuracy. They affect the way ECTACO® jetBook® K-12 translates certain words and phrases, not the voiceover. You cannot change the voice from male to female or vice versa.

- Select the *Auto playback* option to instantly hear the phrase translation pronounced (when your phrase is recognized).

**Note:** Contents of the phrasebook may vary depending on the selected gender options.

## Speech Recognition

The *Audio PhraseBook*™ application features speech recognition functionality.

- Open the desired subtopic. You will see the list of its phrases.
- Press and hold the *Record* key.
- Say your phrase and then release the *Record* key. If the phrase is on the list, the highlight will move to it.

## User Topic

The option allowing you to add new phrases is a very useful feature expanding the device phrase bank.

- When viewing phrases, press and hold the trackball for 2 seconds to activate the pop-up menu.
- Select the *Switch to User Topic* command. If the *User Topic* is empty, the *Source Phrase* and *Target Phrase* input fields will be shown automatically. Otherwise, press and hold the trackball for 2 seconds to activate the pop-up menu and then select one of the available commands: *Say Target Phrase*, *Add Phrase*, *Edit Phrase*, *Remove Phrase*, *Switch to Phrases*, or *Help*.

The next time you enter *Audio PhraseBook*™, the *User Topic* will be displayed automatically.

- To exit the *User Topic*, press and hold the trackball for 2 seconds to activate the pop-up menu and select the *Switch to Phrases* command.

## ***Usage of Audio PhraseBook for Foreign Language Studies***

First, listen to a phrase as recorded by a native foreign language speaker and then pronounce it by yourself. The device then compares the phrase you have spoken with the prerecorded sample helping you to improve your pronunciation.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Audio PhraseBook™*.
- Select the desired topic and subtopic.
- To change topic or subtopic, use the *Select Topic* or *Select Subtopic* commands in the pop-up menu.
- If necessary, change the source language. The source language should be your native tongue.
- Highlight the desired phrase.
- To hear the phrase translation pronounced, press the *Speaker* key.
- Repeat this several times until you learn the correct pronunciation.

- Change the translation direction.
- Position your mouth near the built-in microphone at a distance of 3 - 6 inches (8 – 15 cm).
- Press and hold the *Record* key.
- Say the newly learned phrase into the microphone.

The phrase you have said in the foreign language will be compared to the model pronunciation. If you have pronounced the phrase correctly, the device will recognize it and then show or pronounce its translation in your native language. If the device does not recognize you – simply repeat the above steps.

The accuracy of speech recognition depends on the level of external noise. It is best to ensure silence in the room where you practice your pronunciation.

To achieve the best results, please consider the following.

1. Ensure the room is relatively quiet.
2. Choose an optimum distance of 3 – 6 inches (8 – 15 cm) from the built-in microphone, taking your normal speaking volume into consideration.
3. Do not say unrelated words or phrases into the microphone.
4. Try to say phrases distinctly and plainly without clipping syllables.

5. Avoid carelessness in pronunciation (smacking of lips, loudly inhaling or exhaling, mumbling, interruptions, repetitions, etc.).

## ***Pictured Dictionary***

The *Pictured Dictionary* application displays pictures of related words and provides translations and human voice pronunciation.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Pictured Dictionary*.

For easy references, the words are arranged by topics.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands:

*Select Topic, Select Subtopic, Word Info, Swap Languages, Select Source Language, Select Target Language, Search, Volume, Say Source Word, Say Target Word, and Help.*

- To change topic, use the *Select Topic* command in the pop-up menu.
- To get the English definition of the selected word, select the *Word Info* command.
- To hear the translation pronounced, press *Speaker* key.

## ***180-Language Dictionary***

*180-Language Dictionary* is an application combining dozens of languages with cross-language translation functionality. For more information, please visit our Web site at [www.ectaco.com](http://www.ectaco.com).

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *180-Language Dictionary*.
- To translate a word, enter it from the on-screen keyboard.

When viewing translations:

- press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands: *Speak, Previous, Next, Change Direction, Options, Volume, and Help*.


When in the entries list:

- press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands: *Speak, Virtual Keyboard, Change Direction, Options, Volume, and Help*.

### **How to Set the Desired Language Pair**

- In the pop-up menu, select *Options*.

- Use the trackball to highlight the desired source and target languages.

ECTACO® jetBook® K-12 speaks dictionary entries out loud with a real human voice in English and other languages. These languages are marked with a special icon: .

- Press the trackball to confirm your choice.

## ***Vocabulary Builder***

ECTACO® jetBook® K-12 offers you an educational game called *Vocabulary Builder* that will improve your spelling skills and enhance your personal vocabulary in an easy and fascinating way.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Vocabulary Builder*. The game will begin.
- Select the *Menu* key on the on-screen keyboard. You will see the pop-up menu which has the following commands: *New game*, *Reset statistics*, *Say*, *Volume*, *Options*, *Change language*, and *Help*.
- To change the difficulty level, select *Options*.
- Try to guess letters in the word by entering them from the on-screen keyboard.

If you guess a letter correctly, it will appear in place of the "?" in the word.

- Select the *Say* command in the pop-up menu to hear the hidden word (counts as one try).

The game continues until the picture in the upper left of the screen is complete. Each word is added to the list shown in the middle of the screen.

- To reset statistics, select the *Reset statistics* command in the pop-up menu.
- To start a new game, select the *New game* command in the pop-up menu.

## ***Linguistic Crossword***

The *Linguistic Crossword* application is a fascinating puzzle. The goal is to fill all the rows and columns with correct words. You will have the word translation as a clue.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Linguistic Crossword*.
- Select a column or row. You will see the word translation at the top of the screen.
- Press the trackball and then type the word.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following items: *New grid*, *Reveal word*, *Show letter*, *Volume*, *Say Word*, *Say translation*, *Reveal grid*, and *Help*.

## ***Linguistic FlashCards***

The face of a card shows the word translation/definition, and the reverse side shows the target word. The player browses the cards and, whenever necessary, uses a hint.

The goal is to learn all the cards in the set.

The number of unlearned cards in a set is recorded for each game. This information is displayed on the screen. For example, *Words left: 10*, means you have 10 cards remaining to be learned.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Linguistic FlashCards*.
- Use the trackball to select the desired set. The game will begin.
- Select the *Drop* button to set a card apart.
- To go to the next card, select *Skip*.
- Select the *Always show translation* option to have the program show you the target word in each card. Alternatively, select the *SHOW WORD* message to see

the target word. To hide the target word, just select it using the trackball.

There are pre-defined card sets in this application. Additionally, you can create your own sets (see *Learning Settings*).

## ***Pockets***

This is a traditional game targeting in-depth word learning. In this game, the same cards as those used in the *FlashCards* game are divided into 4 groups (4 pockets). At the beginning of the game all cards are located in the first pocket. You turn the cards one by one and, if you know the hidden word, put the card in the second pocket. Keep browsing until all the cards from the first pocket are moved to the second pocket.

At the second stage you move the cards to the third pocket and, again, if you know the hidden word, put the card in the next pocket. The game continues until all cards are moved to the fourth pocket and memorized. You will direct most of your effort at learning difficult words, while simple words will shortly jump to the fourth pocket.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Pockets*.

- To select the desired topic, highlight its name and press the trackball.
- Select the desired set. The game will begin.
- Select the first pocket.

The first card from those stored in the selected pocket will be displayed.

- Select *Got It!* if you know the hidden word.

The card will be moved to the upper pocket.

- If you do not know the target word, select *Forgot*, and the card will drop to, or will remain in the lower pocket, if it is already there.

The bottommost line of the screen displays the number of cards left in the pocket. When you have finished a set, the *Current set is finished! Start Over?* message will be shown.

## ***Translation Test***

In this game you should choose the word which best corresponds to the given description. You will be offered four choices, and you should select the correct one. If your choice is incorrect, you will be prompted to answer the given question later.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.

- Select *Translation Test*.
- To select the desired topic, highlight its name and press the trackball.
- Select the desired set. The game will begin.

The word description and four answer choices will be displayed.

- Select the correct one.

If you have made an error, the word will be replaced with "-----". If you have guessed the word, the card will be set apart. If you guess wrong or select the *Skip* button, the card will remain in the set and will be displayed later. The number of unlearned cards in a set is recorded for each game. This information is displayed on the screen. For example, *Words left: 10*, means you have 10 cards to be learned.

When you have finished a set, the *Current set is finished! Start Over?* message will be shown.

- Select *Yes* to reset the statistics and go to the first question in the current set.

## ***Spell-It-Right***

In this game the focus is on the correct spelling of words. The program displays the cards one by one with the target word hidden. This game is similar to *FlashCards*,

but this time you should type the word yourself. As in all other games, you can view the target word at any time.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Spell-It-Right*.
- To select the desired topic, highlight its name and press the trackball.
- Select the desired set. The game will begin.
- Type the correct target word in the text input field and then select the *Enter* key. If you enter the word incorrectly, the corresponding message will be shown. Just press the trackball and try again.
- Select *Skip* to go to the next card. When you reach the last card in a set, you will return to the first unlearned card from the given set.
- Press the *Back (On/Off)* key to hide the on-screen keyboard and see the target word. To hide the target word, just select it using the trackball.

## ***Sudoku***

Complete the 9×9 *Sudoku* puzzle by entering digits from 1 to 9 into the blank fields. Every row must contain one of each digit, so must every column, and every 3×3 box.

- In the *Main Menu*, select *Language and Games*. You will see the *Language and Games* window.
- Select *Sudoku*.
- Press the *Record* key to activate the pop-up menu and then select the difficulty level. There are five levels available: *Very Easy*, *Easy*, *Normal*, *Hard*, and *Very Hard*.
- To enter a desired digit into the highlighted cell, press the trackball the corresponding number of times.
- To pause or resume the game, press the *Speaker* key.

## SCIENCE AND MATH

### *Graphing Calculator*

This application is capable of plotting function graphs.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Graphing Calculator*.

For example, to plot the graph of the function  $Y = x \cdot \sin(x)$  on the interval  $[-5, 5]$ , please follow the steps below.

- Using the trackball, "press" the following on-screen keys:

Y=  
x,t,θ  
\*  
sin  
x,t,θ  
)

- Use the *fx* key to hide or show the additional fields: *From*, *To*, and *Step*.
- Use the *Speaker* key to place the cursor to the *From* field. Enter the value -5. Use the "+/-" key to change sign.
- Use the *Speaker* key to place the cursor to the *To* field. Enter the value 5.

- Use the *Speaker* key to place the cursor to the *Step* field. Enter the value *0.01* (the leading zero can be omitted).
- Select the = key. The program calculates the *Y*-coordinate for each value of *x* in intervals of *Step*, and then plots the graph.

The program is capable of calculating a function value for a given number. For example, to calculate  $\sinh(7)$ , please follow the steps below.

- Using the trackball, "press" the following on-screen keys:

*sinh*  
7  
)  
=

- For radians, select *Radian*.
- To graph in polar coordinates, select *Polar*.
- To access inverse functions, select *Inv*.
- To clear screen, select the *C/CE* key.

## **Scientific Calculator**

This application performs basic arithmetic, such as addition and subtraction, as well as functions found on a scientific calculator, such as logarithms and factorials.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Scientific Calculator*.
- Use the trackball to select the desired on-screen keys.

## ***Accounting and Loan Calculator***

This useful feature of your ECTACO® jetBook® K-12 enables you to compute monthly payments and amounts of principal and interest paid or payable to date on your loans and mortgages. You can also make tax calculations.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Accounting and Loan Calculator*.

### **How to Calculate a Loan**

For example, let's consider a mortgage: initial price is 140000, payment period is 20 years, annual interest rate is 7.5%.

- Select the *Loan* key.
- Type *140000*.
- Press the *Speaker* key to switch to the *Years* field.
- Type *20*.
- Press the *Speaker* key to switch to the *Rate* field.
- Type *7.5*.
- Use the *Speaker* and *Record* keys to select the *Show*

*by year* or *Show by month* options. Press the trackball to confirm your choice.

- Press the *Speaker* key to switch to the *Starting month* field. Select the desired month.
- Select the *Loan* key and then select the *Report* key. You will see the report.
- Use the *Record* and *Speaker* keys for scrolling.

Use the *Round* key to specify the number of decimal places: *0*, *2*, *4* or *N* (unlimited).

### **How to Add or Subtract a Tax**

Let's consider an article of \$1500. Suppose the sale tax is 10%.

- Select the *Set TAX* key to switch to the respective field.
- Type *10*.
- Select the *Set TAX* key once again to set the value.
- Type *1500* and then press the *TAX+* key. You will see *1650*.

### ***World Economics and Geography***

From this application you can always get reliable information on all the nations of the world.

The reference data is only available in English.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *World Economics and Geography*.

The countries are grouped alphabetically.

- Select the desired country name. You will see the information sections.
- Use the trackball or the *Record* and *Speaker* keys for paging.

## ***US History and Facts***

This is the ultimate talking preparation guide to the U.S. citizenship exam.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *US History and Facts*.
- Select a category.
- Rotate the trackball to navigate through the questions.
- To see the answer to a displayed question, press the trackball.

The most important questions are marked with an asterisk (\*).

**Note:** No answers are available for some questions; for example, the names of current government officials.

- To listen to the pronunciation of a question text, press the *Speaker* key.

- To listen to the pronunciation of the answer text, press the trackball.

## ***Math References***

ECTACO® jetBook® K-12 contains reference books on algebra, calculus, geometry, and trigonometry.

The reference data is only available in English.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Math References*.
- Select *Algebra*, *Calculus*, *Geometry* or *Trigonometry*.

When in reading mode, use the *Record* and *Speaker* keys or the trackball to page up and down.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following items: *Explain*, *Select*, *Translate*, *Speak*, *Bookmarks*, *Summary*, *Go to Page Number*, *Options*, and *Help*. They are described in the *Book Reader* section.

## ***Chemistry***

In this section you can find chemistry reference tables as well as books on general chemistry, inorganic chemistry, and organic chemistry.

The reference data is only available in English.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Chemistry*.
- Select the desired reference table or book.

When in reading mode, use the *Record* and *Speaker* keys or the trackball to page up and down.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following items: *Explain*, *Select*, *Translate*, *Speak*, *Bookmarks*, *Summary*, *Go to Page Number*, *Options*, and *Help*. They are described in the *Book Reader* section.

## ***Periodic Table***

Use the interactive *Periodic Table* to get the following information on all of the known elements: name, order number, period, group, category, atomic weight, electron configuration, electronegativity, covalent radius, atomic radius, oxidation states, first ionization potential, second ionization potential, third ionization potential, density, atomic volume, melting point, boiling point, color, abundance, discovered by, date of discovery, and country of discovery.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.

- Select *Periodic Table*. You will see the Periodic Table of Elements (in landscape mode).
- Use the trackball to select the desired element.
- Press the trackball to display the *Element Info* window. To close it, press the trackball once again.

## ***Physics***

Use this section to refresh your memory about physical constants, classification of matter and other educational topics.

The reference data is only available in English.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Physics*.
- Select the desired reference table or book.

When in reading mode, use the *Record* and *Speaker* keys or the trackball to page up and down.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following items: *Explain*, *Select*, *Translate*, *Speak*, *Bookmarks*, *Summary*, *Go to Page Number*, *Options*, and *Help*. They are described in the *Book Reader* section.

## ***Metric Conversion***

With the help of ECTACO® jetBook® K-12 you can perform metric conversions.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Metric Conversion*.
- To open the list of categories or units, just select the corresponding item and press the trackball.
- Select the desired category and unit.
- Enter the value to be converted.

## ***Earth Science***

This section covers the majority of topics that are concerned with the structure, age, and other aspects of the earth.

The reference data is only available in English.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Earth Science*.

When in reading mode, use the *Record* and *Speaker* keys or the trackball to page up and down.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following items: *Explain*,

*Select, Translate, Speak, Bookmarks, Summary, Go to Page Number, Options, and Help.* They are described in the *Book Reader* section.

## ***Biology***

Take an exciting journey into the realm of blood cells, viruses, and just about everything else that is related to life!

The reference data is only available in English.

- In the *Main Menu*, select *Science and Math*. You will see the *Science and Math* window.
- Select *Biology*.

When in reading mode, use the *Record* and *Speaker* keys or the trackball to page up and down.

- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following items: *Explain, Select, Translate, Speak, Bookmarks, Summary, Go to Page Number, Options, and Help.* They are described in the *Book Reader* section.

## AUDIO BOOKS AND MUSIC

### ***Audio Books and Music***

ECTACO® jetBook® K-12 includes an audio player, a program allowing you to play and organize digital audio files. The program supports *.mp3*, *.ogg*, and uncompressed *.wav* files.

- Copy your music files to the *My Music* folder (see *PC Communication*).
- In the *Main Menu*, select *Audio Books and Music*. You will see the files you have copied and the preinstalled files, if any.
- To play the desired recording, simply highlight it and then press the trackball. To stop playback, press the trackball once again.
- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following commands: *Hide Menu*, *Help*, *Play*, *Next*, *Previous*, *Volume*, *Repeat (OFF/ON/ONE)*, *Shuffle: (OFF/ON)*, *Number of recently played*, *Number of favorites*, *Add to favorites*, *Remove from favorites*.
- To adjust the volume, select the *Volume* command in the pop-up menu.

- To modify the number of items that appear in the *Recently Played* list, select the *Number of recently played* option in the pop-up menu.
- To modify the number of items that appear in the *Favorites* list, select the *Number of favorites* option.

## EXTRAS AND HELP

### **Help**

ECTACO® jetBook® K-12 user manual is compiled in an electronic format and is stored in the internal memory of the device.

- In the *Main Menu*, select *Extras and Help*. You will see the *Extras and Help* window.
- Select *Help*.
- To see the table of contents, select *Contents*.
- Rotate the trackball to the right or left to highlight the desired item. Press the trackball to follow the hyperlink associated with the item.

### **Settings**

For best results and to ensure that you can fully employ all of the diverse features of your ECTACO® jetBook® K-12, it is recommended that you thoroughly familiarize yourself with the options of the *Settings* section. This will allow you to adjust the device configuration to better suit your needs.

- In the *Main Menu*, select *Extras and Help*. You will see the *Extras and Help* window.
- Select *Settings*.

## Languages

- Use this section to change the interface language.

## Date and Time

- Rotate and then press the trackball to select a value. Rotate the trackball to change the selected value.
- To deselect a value, press the trackball once again.
- Use the *Time Zone* menu to select the desired zone in the window that appears.
- If necessary, check the *Auto adjust clock for daylight savings* box.
- Select *Regional Settings* to see the list of available options and then select the desired locale used for numbers, time, and dates.

## Volume

- Use the *Master* volume control to adjust the overall volume.
- Use the *Speaker* volume and *Headphones* volume controls to adjust the speaker and headphone volumes, respectively.
- Select the *Mute* check box to turn off sound, if necessary.
- Select the *Microphone* control to decrease or increase microphone sensitivity.

- Select the *Internal* or *External* microphone. The *External* microphone option is selected automatically when the headset is plugged in.

## Fonts

ECTACO® jetBook® K-12 offers you six font sizes: 20, 24, 26, 28, 32, and 36 pt.

## Auto power

This feature saves battery life by shutting the device down after the specified period of inactivity: 1, 2, 3, 4, 5, 10, 30 minutes, or *never*.

## Audio introductions

Certain applications have audio introductions that are played after you have launched such an application.

- Press the trackball to select *on* or *off*.

## Device Info

Display information about the device: *Serial Number*, *Memory Capacity*, *Card Capacity*, *Firmware Version*.

## Restore Defaults

Discard custom settings.

## Deauthorize the device

Deauthorizing the device removes the authorization from the system to avoid unauthorized access to DRM-

protected files. Use this command before you dispose of the device (e.g. if you sell it).

## ***Learning Settings***

This section enables you to create new sets of user entries. The database created can be used in the following applications: *Pockets*, *Translation Test*, *Spell-It-Right*, and *Linguistic FlashCards*.

- In the *Main Menu*, select *Extras and Help*. You will see the *Extras and Help* window.
- Select *Learning Settings*.
- Select the *New Set* command to display the blank form.
- Specify the set name. Select the *Enter* key.
- Use the trackball to specify the translation direction.

To add or edit entries, please follow the steps below.

- Select the desired set and then select the *Add user word* command.
- In the window that appears, enter your information in every field as desired.
- To save changes, select *OK*.

## ***Voice Recorder***

The *Voice Recorder* allows you to record memos and play them back.

- In the *Main Menu*, select *Extras and Help*. You will see the *Extras and Help* window.
- Select *Voice Recorder*.
- To start recording, press the *Record* key.
- To stop recording and save the recorded information, press the *Record* key once again.
- To play the recorded information, press the *Speaker* key.
- Press and hold the trackball for 2 seconds to activate the pop-up menu which has the following items: *Play*, *Rename*, *Delete*, *Delete all*, *Volume*, and *Help*.
- To adjust the volume, select the *Volume* command in the pop-up menu.
- To rename the highlighted record, select the *Rename* command in the pop-up menu.

## ***World Time***

ECTACO® jetBook® K-12, you can view current times in cities around the world, along with corresponding map illustrations.

- In the *Main Menu*, select *Extras and Help*. You will see the *Extras and Help* window.
- Select *World Time*. You will see a map of the world.
- Press the trackball to open the alphabetical list of cities.
- Select the desired city to display its current time.
- To move the map, rotate the trackball to the right or left.