

ECTACO[®] Partner[®] ER850

Hand-held Electronic Language Teacher[®], Text Translator,
Talking Dictionary, and Audio PhraseBook[™]

USER MANUAL

ECTACO, Inc. assumes no responsibility for any damage or loss resulting from the use of this manual.

ECTACO, Inc. assumes no responsibility for any loss or claims by third parties, which may arise through the use of this product.

ECTACO, Inc. assumes no responsibility for any damage or loss caused by deletion of data as a result of malfunction, repairs, or battery replacement. Be sure to back up all important data on other media to avoid data loss.

The contents of this manual are subject to change without notice.

No part of this manual shall be reproduced, stored in a retrieval system, or transmitted by any means, electronic, mechanical, photocopying, recording, or otherwise, without permission from ECTACO, Inc.

Partner® is a registered trademark of ECTACO, Inc., NY, USA.

© 1990–2008 ECTACO, Inc., New York, USA.

The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

All rights reserved.

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.

CONTENTS

GENERAL DESCRIPTION	6
Introduction	6
General View	8
Power Supply	8
How to Recharge the Battery	8
SD Card	9
PC Communication	9
Initialization	9
Keyboard	10
Display and Main Menu	11
Main Menu	11
Sidebar	12
On-screen Keyboard	13
ECTACO C-Pen®	13
Windows	14
Pop-up Toolbar	15
Pop-up Menus	16
Parts of Speech, Gender Labels, Abbreviations	17
Pronunciation of Words and Sentences	18
Online Manual	19
DICTIONARIES	19
Dictionary	19
Spell-checker Vector Ultima™	20
Adding and Deleting User Entries	20
Adding Entries to FlashCards	21
Options	21
WordNet Dictionary	21
Audio PhraseBook	22
Basics	22
Categories: Subtopics, Useful words, You may hear	23
Options	23
Speech Recognition	23
Text Translation	24
English Idioms	24
Irregular Verbs	25
Usage of Audio PhraseBook for Foreign Language Studies	25

LANGUAGE TEACHER®	26
Language Teacher®	26
Alphabet	27
Words	27
Phrases	27
Dialogs.....	27
FlashCards.....	27
Creating New Sets and Adding Entries to FlashCards	28
FlashCards	29
Pockets.....	29
Translation Test.....	30
Spell It Right	30
Hangman	30
USA Interview	31
ENTERTAINMENT	32
Audio Books.....	32
Audio Player.....	32
Voice Recorder	33
Calendar	34
Agenda View, Day View, Calendar	34
Adding Appointments.....	34
Viewing, Editing, and Deleting Appointments	35
Tasks	35
Adding New Task.....	35
Managing Tasks	36
EXTRAS	36
Calculator.....	36
World Time.....	37
Size Equivalents	37
Metric Conversion	37
Settings.....	38
Standard/Headset Settings.....	38
Power Options	38
Local Date and Local Time	39
Interface Language and Font Size.....	39

GENERAL DESCRIPTION

Introduction

Congratulations on your purchase of the high-end class ECTACO Partner® ER850 Hand-held Electronic Language Teacher®, Text Translator, Talking Dictionary, and Audio PhraseBook™! The product you have purchased is the result of the combined efforts of the ECTACO team of linguists, engineers, and programmers. You are now the owner of one of the most advanced electronic devices ever produced for translation purposes and language studies.

ECTACO Partner® ER850 features:

- Talking dictionary of 1,100,000 words in total. The dictionary database includes specialized vocabulary: business – 25,000 words, finance – 57,000 words, law – 69,000 words, medicine – 34,000 words, oil and gas – 43,000 words, information technologies and telecommunications – 24,000 words
- WordNet dictionary – 70,000 words with definitions
- Unlimited voice function based on TTS (Text-to-Speech) technology
- Phonetic transcription
- Instant reverse translation
- Look-up function
- Advanced word recognition and MorphoFinder™
- Professionally narrated Audio PhraseBook™ with more than 14,000 phrases, ECTACO Speech Recognition system
- Vector Ultima™ spell-checker
- State-of-the-art Full-text Machine Translation Program
- English idioms and irregular verbs
- ECTACO Speech Recognition based tutorial with graphical testing system
- Linguistic games: FlashCards, Pockets, Spell it Right, Translation Test, Hangman
- USA Interview
- Audio Tours for the Louvre Museum, the Orsay Museum, Versailles, the Historic Paris Walk

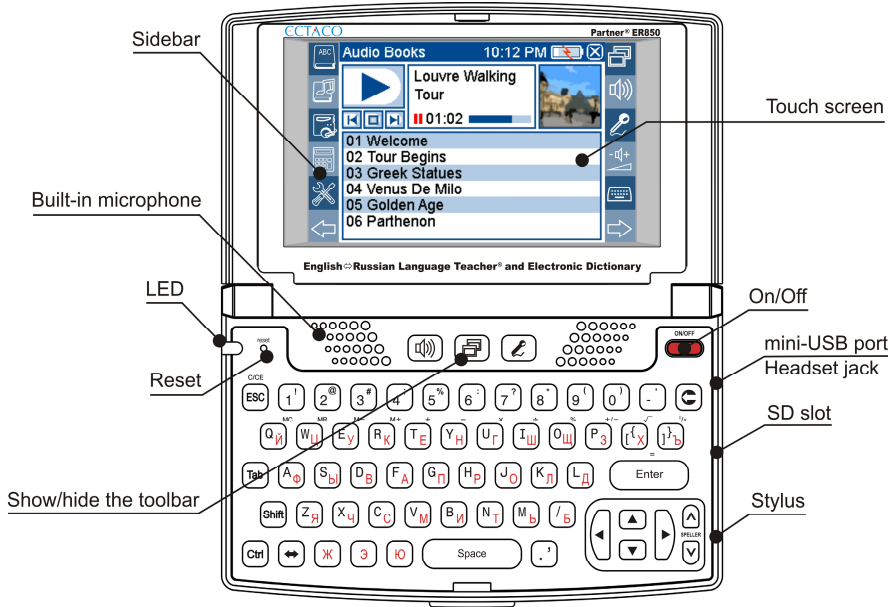
- Audio Player with mp3 support
- Calendar
- Tasks
- Size Equivalents
- Metric Conversion
- World Time
- Voice Recorder
- Calculator
- Bilingual interface
- Russian Standard and Phonetic keyboard layouts
- Backlight
- SD slot
- mini-USB port
- Headset jack
- The device is compatible with the ECTACO C-Pen® hand-held scanner for text recognition and translation.

Device is powered by 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 View

The general view and essential features of ECTACO Partner® ER850 are shown below.



Power Supply

ECTACO Partner® ER850 is powered by a special Li-Polymer rechargeable battery. When the battery becomes weak, the red LED signal starts blinking. In that case, the voice function will be disabled in order to prevent excessive discharge of the battery and a resulting loss of data in RAM. To restore full functionality of the device, recharge the battery as soon as possible.

How to Recharge the Battery

- Make sure the battery is inserted in the battery compartment.

Note: Only a special rechargeable battery, special charger, and special USB cable may be used with your ECTACO Partner® ER850. 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.

LED status: blinking blue – recording is in progress or data being transferred; blinking red – SD card is being scanned, or the battery is critically low.

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

SD Card

Before you start using your ECTACO Partner® ER850, please make sure the SD card (included in the standard package) is installed into the *SD slot* of the device. If the card is not installed, slide it into the slot located on the right-hand edge of the device – the contacts of the card face up, label face down. Push the card gently until it clicks into place. To eject the card, just push it in slightly.

PC Communication

The *PC Communication* function allows you to manage files and folders stored on the SD card. For example, you may wish to add music files.

- Ensure the SD card is installed into the device.
- 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*).

Please wait while your PC detects the device. On the device screen, you will see the *Device is ready to work with PC* message.

- Navigate to the newly detected removable disk on your PC to browse through the files stored on the SD card.


Note: Do not modify the content of the *system* folder. Do not delete system files.

- To disconnect the device, just unplug the cable.

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 left-hand side of the keyboard (over the  key). 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.

- Unscrew the removable cap of the stylus – it will serve you as a reset pin.

- Press the *Reset* button.

On completion of the reboot, you will see the calibration screen with five targets, appearing one after another as you tap them with the stylus. Press  to accept the new calibration settings.

Keyboard

The American standard QWERTY keyboard (combined with the Russian layout) allows you to enter any word just in seconds. Each set of national characters is linked to its language input mode. Language modes can be toggled by pressing the  key. The function and control keys are described below.

Note: Key1+Key2 here and further on signifies the combination of keys to use – first press and hold Key1, then press and release Key2.

Key



Reset



+key



Function(s)

Turn the device on or off

Re-initialize system

Use speech recognition (available in *Audio PhraseBook*)

Show or hide the pop-up toolbar

Use speech function / Listen to the pronunciation of the source item in *Audio PhraseBook*, *English Idioms*, *Irregular Verbs* (press



Close active window / Cancel

Delete character to the left of cursor


Switch focus between displayed controls (check boxes etc.)

Press and hold this key down to type in uppercase or to enter additional symbols¹. Press this key twice to toggle the *Caps Lock* mode.

Launch spell-checker

¹ Additional symbols are marked on the numeric keys.



Switch between English, Russian, and Russian Phonetic keyboard layouts. Russian Phonetic keyboard layout: **а-а, б-б, с-ц/ч, д-д, е-е/э, ф-ф, г-г/ж, х-х, і-и, j-й, к-к, л-л, м-м, н-н, о-о, р-р, q-я, г-р, s-с, t-т, u-у/ю, v-в, w-ш/щ, x-ь/ъ, y-ы, z-з**. Press  to enter letters shown after the slash (/).



Switch language or translation direction



Execute



Move cursor or highlight / Scroll lines



Page Up / Page Down / Switch *Main Menu* sections



Enter space

Display and Main Menu

ECTACO Partner® ER850 features a touch screen (320 x 240 pixels) with a windows-driven graphical interface. The *Main Menu* consists of four sections, which visually organize access to the ECTACO Partner® ER850 applications.

Note: Tapping screen items is preferably done with the supplied pointing device known as a *stylus*, which, when not in use, is kept in a special slot at the side of the device's back panel (see *General View*).

Main Menu

- To display the *Main Menu*, turn the device on, and/or exit the currently running application. The *Main Menu* consists of the following sections:



Dictionaries



Language Teacher®



Entertainment



Extras




At the top of the screen, you will see the battery life indicator.

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

- Use the **Dictionaries** section to access *Dictionary*, *Audio PhraseBook*, *Text Translation*, *English Idioms*, and *Irregular Verbs*.

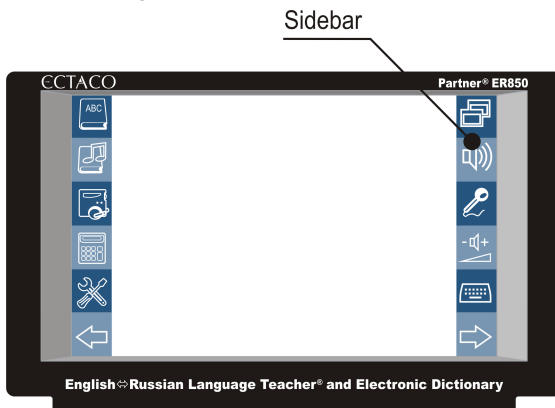
- Use the **Language Teacher** section to access *Language Teacher®*, *FlashCards*, *Hangman*, and *USA Interview*.
- Use the **Entertainment** section to access *Audio Books*, *Audio Player*, *Voice Recorder*, *Calendar*, and *Tasks*.
- Use the **Extras** section to access *Calculator*, *World Time*, *Size Equivalents*, *Metric Conversion*, and *Settings*.

To open a section, do one of the following:

- tap the section icon;
- press the numeric key that corresponds to the section number.
- When in a section, tap the desired application name. Alternatively, highlight it and then press . The application will open.
- To close an application, tap  at the upper right of the screen, or just press .

Sidebar

Twelve items of ECTACO Partner® ER850 have their permanent touch-sensitive shortcut buttons on the *Sidebar* to the right and left of the screen.



Dictionary



Audio PhraseBook



Audio Player



Toolbar



Say



Record/recognize



Calculator



Settings



Back



Volume





On-screen keyboard



Forward

On-screen Keyboard

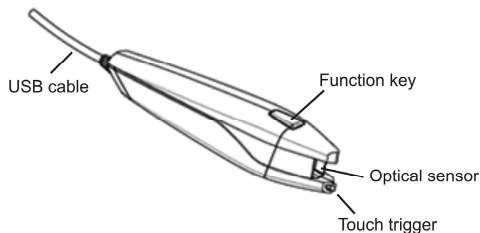
The on-screen keyboard is a set of virtual keys displayed on the screen. This set of keys simulates the conventional physical keyboard or part of it.

- In applications featuring text input, tap  on the sidebar to activate the on-screen keyboard.
- To hide it, tap  once again.

The following keyboard layouts are available on ECTACO Partner® ER850: English, Russian, and Russian Phonetic (see *Keyboard*).

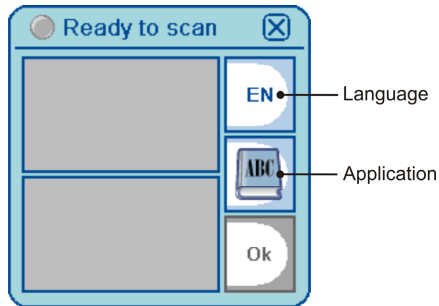
ECTACO C-Pen²

With ECTACO C-Pen® you can acquire and then translate words or text portions from paper media. It is 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.
- Press the *Function* key on ECTACO C-Pen®. You will see the *Ready to scan* dialog.
- Select the desired language and application.

² Optional accessory. Included in the ECTACO Partner® ER850 Deluxe package.



- 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®.
- In the *Ready to scan* dialog, tap OK.

The text will be transferred to the selected application.

Windows

Every application, pop-up menu, or dialog box used in ECTACO Partner® ER850 appears in its own *window*. A window is displayed as a framed screen area with two main elements: the *title bar* and the *close button* (✕ or OK).

- To move an overlapping window, tap on its title bar and drag the window to another part of the screen holding the stylus down.

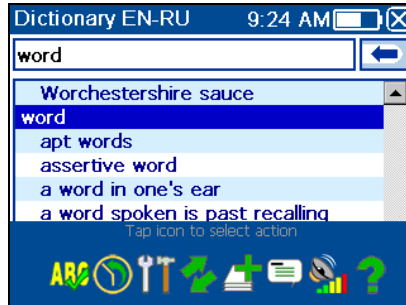
The *scroll bar* is shown when the contents do not all fit on the screen. The *slider* shows the position of the displayed contents relative to the rest of data.





On the scroll bar:

- tap a scroll arrow (▼ or ▲) to advance or go back one line;
- tap and drag the slider to browse information;
- tap the scroll bar below or above the slider to jump to the corresponding portion of text.

Pop-up Toolbar

A *toolbar* is a set of horizontally arranged buttons shown at the bottom of the relevant window.



- To activate the pop-up toolbar, press .
- To perform an action, just tap the corresponding icon. Alternatively, select it by using  or  and then press .

Toolbar buttons have the following functions:



Activate spell-checker



Display *History*



Select options



Switch language



Add to *Flash Cards*



Find in *WordNet*



Display *Help*



Search



Adjust microphone sensitivity



Translate in *Dictionary*



Delete/Clear



Reset statistics



Start new game



Rescan the card



Hide



Edit



Clear date



Clear to date



Switch to *Agenda View*



Switch to *Day View*



Switch to *Calendar View*



Add new item



Sort



Filter



Turn the sound off



Turn the sound on

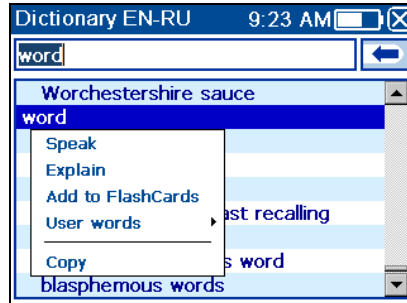
The contents of the toolbar depend on the current application.

Pop-up Menu

With the help of pop-up menus, you can quickly choose an action to perform on the selected item. For example, you can copy a text onto the clipboard. To paste the text you have copied, place the cursor in a text input field and then select *Paste* in the pop-up menu.

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

- To activate the pop-up menu, highlight the desired item and hold the stylus down on it for a second.



- When the pop-up menu appears, lift the stylus and then select the desired action. You can close the pop-up menu by tapping anywhere on the screen, outside of the menu.

Parts of Speech, Gender Labels, Abbreviations

In the *Dictionary*, 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

Russian nouns are marked with gender and number labels:

F – feminine

N – neuter

M – masculine

PL – plural




MF – common gender

Certain words and expressions in the *Dictionary* may be marked with specific abbreviations.

anat. – anatomy	вчт. – computers	поэт. – poetic
bact. – bacteriology	геол. – geology	психол. – psychology
biochem. – biochemistry	геом. – geometry	радио – radio
biol. – biology	горн. – mining	разг. – colloquial
bot. – botany	грам. – grammar	рел. – religion
chem. – chemistry	греч. – Greek	римск. – Roman
comm. – commerce	груб. – vulgar	ритор. – rhetorical
comp. – computers	детск. – nursery	с.-х. – agriculture
econ. – economics	др.-греч. – Ancient Greek	сл. – slang
el. – electronics	др.-рим. – Ancient Rome	собир. – collective
fin. – finance	ж.-д. – railways	спец. – special
jur. – law	иск. – art	стих. – versification
mech. – mechanics	ист. – historical	стомат. – stomatology
med. – medicine	карт. – cards	строит. – building
opt. – optics	кино – cinema	театр. – theater
pharm. – pharmacy	книжн. – literary	текст. – textile
physiol. – physiology	кож. – tanning	тех. – technical
psychol. – psychology	комм. – commerce	типогр. – printing
stomat. – stomatology	комп. – computers	уст. – obsolete
vet. – veterinary	косм. – cosmonautics	фарм. – pharmacy
акуш. – obstetrics	кул. – cooking	фехт. – fencing
амер. – American	лат. – Latin	фиг. – figurative
анат. – anatomy	лингв. – linguistics	физ. – physics
арифм. – arithmetic	лит. – literature	физиол. – physiology
арх. – archaic	лыжн. – skiing	филос. – philosophy
археол. – archaeology	мат. – mathematics	фин. – finance
архит. – architecture	метал. – metallurgy	фон. – phonetics
астр. – astronomy	метео – meteorology	фот. – photography
бакт. – bacteriology	мех. – mechanics	фр. – French
библ. – biblical	мин. – mineralogy	хим. – chemistry
биол. – biology	миф. – mythology	церк. – ecclesiastical
биохим. – biochemistry	мор. – nautical	шахм. – chess
бирж. – stock exchange	муз. – music	шотл. – Scottish
бот. – botany	неценз. – obscene	шутл. – jocular
брит. – British	опт. – optics	эк. – economics
бухг. – bookkeeping	охот. – hunting	эл. – electrical
вет. – veterinary	перен. – figurative	энт. – entomology
воен. – military	полигр. – printing	юж.-аф. – South African
вулг. – vulgarism	полит. – political	юр. – law

Pronunciation of Words and Sentences



One of the most exciting features of ECTACO Partner® ER850 is the TTS (Text-to-Speech) technology which allows you to listen to the pronunciation of words and phrases in English and Russian.

- To hear the displayed or highlighted headword pronounced, press the  key.
- Note:** Certain words have several pronunciation variations. So the pronunciation of the TTS engine and the given phonetic transcription may be different. In this case, consider the version given in the dictionary as the basic one.
- To hear the translation or definition pronounced, highlight the desired portion of it by using the stylus, and then press the  key.
 - TTS is able to generate the pronunciation of any text, not limited to dictionary entries. Simply type a word or phrase in the *Text Translation* input field and then press the  key to listen to its pronunciation.

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

Online Manual



ECTACO Partner® ER850 user manual is compiled in an electronic format and is stored on the SD card. The content of the manual is only available when the card is installed into the device.

- Press the  key to activate the pop-up toolbar, and then tap  on the toolbar. The application will open.
- To see the table of contents, tap *Contents*.
- Tap the scroll arrows in the upper right and lower right corners of the screen to scroll through the displayed content.


DICTIONARIES

Dictionary

ECTACO Partner® ER850 contains the most advanced electronic dictionary available on the market.





- In the *Main Menu*, tap  or press *1* to open the *Dictionaries* section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.
- To translate a word, start entering it from the conventional keyboard. Alternatively, use the on-screen keyboard.

Note: The MorphoFinder™ function helps you find the source words (headwords) for past participles, gerunds, plural and adjective forms. For example, if you enter "distributes" you will get "distribute" as there is no translation or definition for "distributes" because it is a form of "distribute".

- When the desired word is displayed, select it (tap the corresponding line) to see its translation(s).
- Within a translation, where applicable, tap <...> to see the entire text.
- To look up the highlighted English entry in the *WordNet Dictionary*, select  on the pop-up toolbar.

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 *board* as you hear it: *bord*.
- Activate the pop-up toolbar, and then select . Alternatively, activate the pop-up menu and tap *Spellcheck*.
- A list of suggested similar words will appear. If the spell-checker is unable to suggest any variants, the *No variants!* message will be shown.
- Select the word *board* to see its translations.
- To reverse translate an entry, simply double-tap it, or hold the stylus down on it and then select *Translate* in the pop-up menu.
- To change the translation direction, tap  on the pop-up toolbar or press .
- To list the words or phrases you translated, tap  on the pop-up toolbar. Alternatively, select *History* in the pop-up menu.

Note: The maximum number of entries stored in the *History* list is 7.

Adding and Deleting User Entries



ECTACO Partner® ER850 allows you to create your own vocabulary which automatically links to the *Dictionary*.

- Hold the stylus down on any dictionary entry in the list and then select *User words / Add* in the pop-up menu. You will see the *Add user word* window.
- Type your word or expression and its translation. Specify the part of speech.

- Tap *Add* to save your entry. The entry will be highlighted in red for easy identification. You might want to delete a user entry.
- Hold the stylus down on your entry in the list and then select *User words / Delete* in the pop-up menu.



Adding Entries to FlashCards

You can create your personal sets of entries copied from the *Dictionary*.

- Press  and then tap  on the pop-up toolbar. You will see the *Add to FlashCards* window.
- Select the desired options.
- Tap *Add*.

Options

Use *Options* to hide slang words and phrases in the dictionaries and to make specialized dictionaries active or inactive.


- Press  and then tap  on the pop-up toolbar.
- Tap on the desired option to disable/enable it. A check mark will indicate your selection.

Note: To disable *Slang Lock*, please use this password: *showslan*.

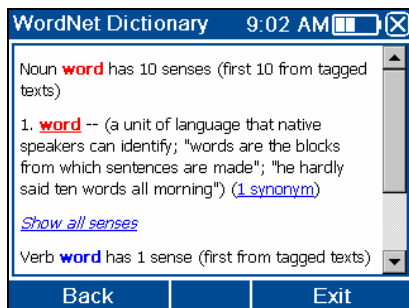
- To save changes, tap *OK*.

WordNet Dictionary

ECTACO Partner® ER850 includes the advanced English explanatory dictionary – WordNet, which is integrated into the main dictionary.

- To obtain definition of an English entry from within *Dictionary*, hold the stylus down on the desired entry and then tap *Explain* in the menu that appears, or press  +E.

Note: When viewing entries in the *WordNet Dictionary*, tap on the underlined items in blue to follow the corresponding links.



The available pop-up menu items are described below.







- Hold the stylus down on an underlined entry for a second. The pop-up menu will appear.
- Tap *Say* to hear the entry pronounced.
- Tap *Explain* to look it up in the *WordNet Dictionary*.
- Tap *Translate* to look it up in the *Dictionary*.

Note: To go back to the last page you viewed, tap *Back*.

Audio PhraseBook

ECTACO Partner® ER850 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*, tap  or press *1* to open the *Dictionaries* section.
- Tap the application name. Alternatively, highlight it and then press . The application will open and you will see the topics window.
- For easy reference, the phrases are arranged by topics.
- To open a topic or subtopic, tap the corresponding item.
- To change topic, tap  next to the topic name to view the list of topics and then select the desired one.
- To change the translation direction, press  or tap  on the pop-up toolbar.
- To hear the phrase translation pronounced, press .

- To adjust the volume, tap  on the pop-up toolbar.


Some of the phrases have changeable parts. These are underlined. For example, when viewing the phrase *How frequent are the flights?* you can tap the flights and change it 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, tap  next to the subtopic name.
- Tap 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, tap  on the pop-up toolbar. You may input a whole phrase (for example, *Thank you*) or a single word (*thank*). Tap *OK* to start searching.

Note: To reduce the search time, please open the desired topic before you start searching. Also, select the *In the current topic only* option.

Options

- To activate the *Options* screen, tap  on the pop-up toolbar.
- Under the phrase *My gender*, select your gender.
- Select the *Listener gender*.

The gender options provide greater translation flexibility and accuracy. They affect the way Partner® ER850 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.

- To save changes, tap *OK*.








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  key.
- Say your phrase and then release the  key. If the phrase is on the list, the highlight will move to it.




Text Translation


ECTACO Partner® ER850 features a highly efficient text translation program.

- In the *Main Menu*, tap  or press 1 to open the *Dictionaries* section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.
- To change the translation direction, press . Alternatively, tap  on the pop-up toolbar.
- Enter a text for translation and then tap *Translate*.
- To hear a portion of text pronounced, highlight it and then press .
- You can view the translation of the desired word or expression. Just highlight it and then tap  on the pop-up toolbar. To return to *Text Translation*, close the *Dictionary* window.
- Tap  on the pop-up toolbar to clear the screen and enter a new text.

English Idioms



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

- In the *Main Menu*, tap  or press 1 to open the *Dictionaries* section.
 - Tap the application name. Alternatively, highlight it and then press . The list of idioms will be displayed.
 - Start typing the desired idiom; it will appear highlighted.
- The idiom's translation will be shown on the lower section of the screen.
- To hear the translation pronounced, press .


- To look up an idiom in the *Dictionary*, simply double-tap it. Alternatively, tap  on the pop-up toolbar, or select *Translate in Dictionary* from the pop-up menu.

Irregular Verbs

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




- In the *Main Menu*, tap  or press *1* to open the *Dictionaries* section.
- Tap the application name. Alternatively, highlight it and then press . The list of verbs will be displayed.
- Start typing the desired verb; it will appear highlighted.


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

- To look up a verb in the *Dictionary*, simply double-tap it. Alternatively, tap  on the pop-up toolbar, or select *Translate in Dictionary* from the pop-up menu.

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*, tap  or press *1* to open the *Dictionaries* section.
- Tap *Audio PhraseBook*. Alternatively, highlight it and then press . The application will then open and you will see the topics window.
- Select the desired topic and subtopic.
- If necessary, change the source language. The source language should be your native tongue.
- Highlight the desired phrase.
- To hear the phrase pronounced in the target language, press and release .
- 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 . You will see a dialog with two buttons: *Correct* and *Wrong*.
- 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.).

LANGUAGE TEACHER®

Language Teacher®

ECTACO Partner® ER850 features *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 *Language Teacher*®, you will learn a language quickly and easily.

Note: The contents of *Language Teacher*® depend on the selected interface language.

- In the *Main Menu*, tap  or press 2 to open the *Language Teacher*® section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.


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

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

- Otherwise, tap *Continue* to resume learning from where you left off.
- Follow the instructions announced.
- Tap *Continue* to go to the next item, stage, or step. You may quickly jump to the desired step by tapping the percentage indicator next to it.

The *Words*, *Phrases*, and *Dialogs* steps are powered with speech recognition function and graphical testing system. The phrase you have said will be recorded, automatically recognized and compared to the model pronunciation. The smileys (😊, 😐, 😞) along with voiceover will help you improve your articulation skills.

Alphabet

- Listen to the alphabet. Tap the desired letter's icon to listen to its pronunciation again.
- Listen to the sample words by pressing the  key.
- Play the fascinating game.

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.


FlashCards

Four fascinating games – *FlashCards*, *Pockets*, *Translation Test*, and *Spell It Right* – will help you quickly develop your vocabulary considerably improving the rate at which you learn new words. Our method is simple: learn new words while playing the *FlashCards* games. The application database contains general and specialized dictionaries: *Business*, *Law*, *Medical*, and *Personal Computers*.



- In the *Main Menu*, tap  or press 2 to open the *Language Teacher*® section.

- Tap the application name. Alternatively, highlight it and then press . The application will open.

There are pre-defined card sets in this application. Additionally, you can create your own sets.

- To select the desired set, double-tap the respective folder name, or tap on the  box to the left of the folder name, and then tap the desired set name.
- Tap the *FlashCards*, *Pockets*, *Translation Test*, or *Spell It Right* icon to the left. The game will begin.

Game statistics are stored in the device memory so you can resume playing from where you left off.

- In the game, tap  on the pop-up toolbar to reset statistics for the current set.
- To quit the game, tap *OK* or press .

Creating New Sets and Adding Entries to FlashCards



To create a new set, please follow the steps below.

- Tap on *User Sets* to select it. A check mark indicates that the option is selected.
- Tap *Create* to activate the *New Set* window.
- Specify the dictionary name and translation direction. Tap *OK* to save your set.

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

- Select the desired set within *User Sets* and then tap *Edit*. In the window that appears, tap *Add* or *Edit* to add or edit an entry, respectively. To edit an entry, please first select it.
- Enter your information in every field as desired.
- To save changes, tap *OK*.

You can create your personal sets of entries copied from the *Dictionary*.

- Select *User Sets* and then create your set.
- Open the *Dictionary* application.
- Select the desired entry.
- Press  and then tap  on the pop-up toolbar. You will see the *Add to FlashCards* window.
- Select the desired options.

- Tap *Add*.

FlashCards

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

The goal is to learn all cards in the set. You will be prompted to proceed to the next set once you have finished the current one.

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 unlearned.

- Tap the *Drop* button to set a card apart.
- To go to the next card, tap *Skip*.
- Select the *Always show translation* option to have the program show you the source word in each card. Alternatively, tap on the *Show translation* message to see the source word. To hide the source word, just tap on it.

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 source 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 source word, put the card in the next pocket. The goal is to move all cards to the fourth pocket. You will direct most of your effort at learning difficult words, while simple words will shortly jump to the fourth pocket.

- Tap on the first pocket.

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

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

The card will be moved to the upper pocket.

- If you do not know the source word, tap *Forgot*, and the card will remain in the current pocket.

The bottommost line of the screen displays the number of cards left in the pocket. The game continues until all cards are moved to the fourth pocket and memorized.

Translation Test

In this game you should choose a source 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.

The word description and four answer choices will be displayed.

- Tap on the correct one.

If you have made an error, the word will be replaced with "- - -". If you have guessed the word, it will be highlighted for a second, and the card will be set apart. If you guess wrong or tap 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 unlearned.

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

- Tap 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 source word hidden. This game is similar to *FlashCards*, but this time you should type the source word yourself. As in all other games, you can view the source word at any time.






The *Spell It Right* screen with the first card from the first set will be shown.

- Type the correct source word in the text input field and tap *OK*. If you enter the word incorrectly, the corresponding message will be shown. Just tap *OK* and try again.
- Tap *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.
- Tap on the *Show translation* message to see the source word. To hide the source word, just tap on it.

Hangman

ECTACO Partner® ER850 offers you an educational game *Hangman* that will improve your spelling skills and enhance your personal vocabulary in an easy and fascinating way.



- In the *Main Menu*, tap  or press 2 to open the *Language Teacher*® section.

- Tap the application name. Alternatively, highlight it and then press . The game will begin.
- You can change the target language for the game by pressing . Alternatively, tap  on the pop-up toolbar.
- Use  on the pop-up toolbar to change the difficulty level.
- Try to guess letters in the word by entering them from the keyboard. Alternatively, use the on-screen keyboard. If you guess a letter correctly, it will appear in place of "?" in the word. The number displayed shows the number of tries remaining.
- Press  to hear the hidden word (counts as one try).

The game continues until the picture at the upper left of the screen is complete.




- Each word is added to the list shown in the middle of the screen. To see the translation of a word, just tap on it.

The number of won and lost games is shown on the lower section of the screen.




- To reset statistics, tap  on the pop-up toolbar.
- To start a new game, tap .

USA Interview

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

- In the *Main Menu*, tap  or press 2 to open the *Language Teacher*® section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.
- Tap  to pull down the chapters menu.
- Use the *Back* and *Next* buttons to navigate through the questions.
- To see the answer to a displayed question, tap *Answer*.








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








ENTERTAINMENT

Audio Books

Make sure your trip abroad is culturally enlightening! The *Audio Books* will personally lead you through Paris' top sights.



- In the *Main Menu*, tap  or press 3 to activate the *Entertainment* section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.
- To start a tour, just tap its name. Alternatively, select it and press . The narrations listing will appear.
- Tap  or just press  and listen to the tour. To play a particular narration, select it and then tap  or press .








Use:

- ,  to list items;
- ,  to list pages.
- To play an item at a specific point, tap the slider on the progress bar and then drag the slider to the desired position.
- To pause playing, tap .
- To stop playing, tap .
- To return to the *Main Menu*, press .

Audio Player

ECTACO Partner® ER850 includes *Audio Player*, a program allowing you to play and organize digital audio files. The program supports *.mp3*, *.ogg*, and uncompressed *.wav* files.

- In the *Main Menu*, tap  or press 3 to activate the *Entertainment* section.
- Tap the application name. Alternatively, highlight it and then press . The application will then open.

- To play the desired recording, simply double-tap it or highlight it and then tap .
- To adjust the volume, tap  on the pop-up toolbar.
- To play an item at a specific point, tap on the playback progress bar on the upper section of the screen.
- You can organize your files. Just highlight the desired record and then tap , , or  to move it up, down, or delete, respectively.
- To search for music files on the card, tap  on the pop-up toolbar.
- To hide the application window while a record is playing, tap . You can then launch another application.

Please use the following on-screen buttons to operate the program:



Play



Pause



Turn shuffle on



Turn shuffle off



Repeat one



Repeat all



Repeat none



Previous





Stop












Next

Voice Recorder



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

- In the *Main Menu*, tap  or press 3 to activate the *Entertainment* section.
- Tap the application name. Alternatively, highlight it and then press . The application will then open.

- To start recording, tap .
- To stop recording and save the record, tap .
- To play the highlighted record, tap .
- To adjust the volume, tap  on the pop-up toolbar.
- To rename the highlighted record, tap  on the pop-up toolbar.
- To organize records, highlight the desired record and then tap , , or  to move it up, down, or delete, respectively.
- To adjust microphone sensitivity, tap  on the pop-up toolbar and then follow the instructions on the screen.





Calendar

Manage your time effectively by using the *Calendar* application. You may enter records, as well as edit and delete them.

- In the *Main Menu*, tap  or press 3 to activate the *Entertainment* section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.



Agenda View, Day View, Calendar


The *Agenda View* displays the schedule for the selected day. The *Day View* displays the schedule for the selected time.

- Press  and then select available views by tapping  (*Agenda View*),  (*Day View*), or  (*Calendar*).




Adding Appointments

To select the date, please follow the steps below.








- Tap the date indicator at the upper left of the screen and then select the desired month from the list that appears.
- In *Calendar* view, tap the desired date on the calendar list. When in the *Agenda View* or *Day View*, tap *M*, *T*, *W*, *T*, *F*, *S*, or *S* button to set the day of the week. Use  or .

to go to the previous or next week (month – in the *Calendar* mode), respectively. Alternatively, use the corresponding keys on the keyboard. Use  to return to the current date (month – in the *Calendar* mode).

Note: You must be in the *Agenda View* or *Day View* to add appointments.



- Press  and then tap  on the pop-up toolbar.
- Tap on the *Subject* data field and enter the subject.
- To set the *Date*, *Time*, and *Duration*, tap the desired item and then tap on the arrows  to set the values.
- Enter your comments into the *Notes* field.
- Tap *OK* to save the appointment.

Viewing, Editing, and Deleting Appointments


- In the *Agenda View* or *Day View*, tap an appointment to view it.
- To delete the appointment, press  and then tap  on the pop-up toolbar.
- To edit the appointment, press  and then tap  on the pop-up toolbar. Make your changes.
- Select *OK* to save your changes and return to the main window.
- In *Calendar*, press  and then tap  or  to delete the appointments scheduled for a certain date or earlier, respectively.

Tasks




This is a standard organizer program for managing your tasks.

- In the *Main Menu*, tap  or press 3 to activate the *Entertainment* section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.







Adding New Task



- Enter your task description and then tap  to the right of the input line.

For more options, please leave the input line blank, or use the new task template as described below.

- Press  and then tap  on the pop-up toolbar.
- Enter information in the fields you want. Use  to open the drop-down lists.
- In the *Occurs* field, select *<Edit pattern...>* to activate the *Recurrence* screen.
- Tap *Next* to access additional tabs. Tap the *Daily*, *Weekly*, *Monthly*, or *Yearly* tabs to add settings.
- To specify the *Start* and *Due* dates, tap *Next*.
- Tap *Finish* to save your changes.
- Use the *Notes* tab to enter comments on your task.
- Tap *OK* to save the task.
- In the main window, tap on the completion check box to mark/unmark a task as completed.

Managing Tasks

1) Tap the task to view it. The icons you may see next to the task title have the following meanings:  – completed,  – valid reminder,  – expired reminder,  – high priority,  – low priority,  – recurrence.


- To edit the task, press  and then tap  on the pop-up toolbar.
- To save changes, tap *OK*.






2) Use the toolbar options to add a new task, edit or delete the highlighted task, set the desired sort order or selection criteria.

EXTRAS

Calculator



ECTACO Partner® ER850 includes a standard calculator with memory features. The screen has 9-digit display capacity.

- In the *Main Menu*, tap  or press *4* to open the *Extras* section.

- Tap the application name. Alternatively, highlight it and then press . The application will open.
- To disable or enable announcements for the operations you perform, press  and then tap  or  on the pop-up toolbar, respectively.
- To hear the displayed number pronounced, press the  key.



World Time

Using your ECTACO Partner® ER850, you can view current times in cities around the world, along with corresponding map illustrations.

- In the *Main Menu*, tap  or press 4 to open the *Extras* section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.
- Tap the city name at the upper left of the screen to open the alphabetical list of cities.
- Tap the desired city to display its current time.


Size Equivalents



When you travel or shop internationally, refer to this application to learn about the correlation between the clothes and shoes size systems used in different parts of the world.

- In the *Main Menu*, tap  or press 4 to open the *Extras* section.
- Tap the application name. Alternatively, highlight it and then press . The application will open.
- Tap *Men's Shirts*, *Men's Shoes*, *Women's Blouses*, or *Women's Shoes* to view the respective section.
- To navigate to any other section from the current one, use the corresponding hyperlink.

Metric Conversion



With the help of ECTACO Partner® ER850 you can perform metric conversions.

- In the *Main Menu*, tap  or press 4 to open the *Extras* section.

- Tap the application name. Alternatively, highlight it and then press . The application will open.
- To open the list of categories or units, just tap  next to the corresponding item.
- Select the desired category and unit. Use the scroll bar, if necessary.
- Enter the value to be converted.

Settings

For best results and to ensure that you can fully employ all of the diverse features of your ECTACO Partner® ER850, 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*, tap  or press 4 to open the *Extras* section.
- Tap *Settings*. Alternatively, highlight it and then press . The section will then open.
- Tap the desired icon to the left of the main window to activate the corresponding section.

Standard/Headset Settings

- Tap *Standard* to restore the default settings.
- Tap *Headset* to restore the settings suitable for use with a headset.
- Tap on the *Master Volume* control to adjust the overall volume.
- Tap on 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.
- Tap on the *Microphone Gain* control to decrease or increase microphone sensitivity.


Note: The *External* option is selected automatically when the headset is plugged in.

Power Options

- Tap on the *Backlight Level* control to adjust it.

The *Power Scheme* options are selected automatically depending on the detected power supply.

Adjust the backlight and power auto-off time. This feature saves battery life by shutting the device down or switching the backlight off after the specified period of inactivity.



- Under *Backlight Off Time* and *Power Off Time*, tap  to see the list of available options and then select the desired one.

To restore proper touch screen functionality, or as part of an initialization procedure, the screen might have to be recalibrated.


- Tap *Calibrate*.
- Follow the on-screen directions for calibration by tapping five targets, appearing one after another as you tap them with the stylus.

When the calibration is complete, you will return to the *Settings* section.


Local Date and Local Time

- Under *Date* or *Time*, tap on the arrows to set a value.
- Under *Time Zone*, tap  to select the desired zone from the list that appears.
- Tap  under *Regional Settings*, to see the list of available options and then select the locale used for numbers, time, and dates.

Interface Language and Font Size

- Tap  under *Interface language* to see the list of available options and then select the desired one.

ECTACO Partner® ER850 offers you three font sizes: *Small*, *Medium*, and *Large*.

- Tap  under *Font size* to see the list of available options and then select the desired one.