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INTRODUCTION

Congratulations on purchasing ECTACO Partner® ER300T! This product is the result of the combined efforts of ECTACO's linguists, engineers, and programmers.

ECTACO Partner® ER300T features:

- ❖ *English-Russian and Russian-English dictionaries with a total of 430,000 words*
- ❖ *English explanatory dictionary of 12,000 words*
- ❖ *TOEFL dictionary of 5,000 words*
- ❖ *Voice function in English*
- ❖ *A selection of the most popular American idioms*
- ❖ *English irregular verbs*
- ❖ *12-topic English-Russian phrasebook*
- ❖ *Examination*
- ❖ *Instant reverse translation*
- ❖ *Dictionary Look-up and Fuzzy search function*
- ❖ *Advanced word recognition*
- ❖ *Calculators (Basic and Scientific)*
- ❖ *Metric and currency converters*
- ❖ *Local and World time*
- ❖ *Calendar*
- ❖ *Daily alarm*
- ❖ *Bilingual interface*
- ❖ *4 logic games*
- ❖ *Built-in speaker*
- ❖ *Headphone jack*
- ✓ As continuous efforts are made by the manufacturer to ensure better quality and performance of the ECTACO Partner® products, some characteristics of the device you have purchased may slightly differ from those described in this manual.

Power Supply

ECTACO Partner® ER300T is powered by three AAA (LR03) batteries.

When the batteries become low, a warning message will appear.

In order to prevent an excessive discharge of the batteries and resulting loss of data in RAM, the Say function will be disabled if battery power is low.


To restore full functionality of the device and to avoid risk of losing user data, replace the complete set of batteries as soon as possible. Do not mix old and new batteries.

How to replace the batteries

- Ensure the power is off. Press *ON/OFF* to turn the device off.
- ✓ Never try to remove batteries from the device when the power is on. This can seriously damage the device. If you experience difficulty turning the device off, press the RESET button on the right-hand side of the keyboard and reset the system.
- Remove the battery compartment cover.
- Remove the used batteries and replace them with new ones.
- ✓ When replacing the batteries, you have 2 minutes to place new ones into the device without risk of losing any data stored in RAM. **Do not exceed the 2-minute limit!** Neither the manufacturer nor the dealer may be held responsible for loss of user data.
- Make sure to place the batteries according to the polarity marks inside the compartment.
- Replace the battery compartment cover. Make sure the cover sits in place properly.

Initialization

The initialization routine starts:

- when ECTACO Partner® ER300T is turned on for the first time;
- when you remove the batteries (e.g. during replacement);
- after the system has been reset by pressing the RESET button.
- ✓ The RESET button is located on the right-hand side of the keyboard (near 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.
- If you see the *Clear all data? Y/N* message, press the N key to save your data.

Keyboard

The standard American QWERTY keyboard is combined with Russian standard layout.

To enter additional characters in Russian (marked with yellow at the upper right of the keys), press SHIFT + the desired key.

- ✓ Unlike PC keyboards, there is no need to keep a key (such as SHIFT) down while pressing another one. It is enough to press it only once and release.

The available set of national characters is dependent on which language input mode is selected. Language modes (in the *Dictionaries* section) can be toggled by pressing the ⇄ key.

Function shortcut keys

ER DICT	English-Russian dictionary
EE DICT	English explanatory dictionary
TOEFL	TOEFL dictionary
PHRASES	Phrasebook
IDIOMS	Popular idioms
VERBS	Irregular verbs
GAMES	Games
CALC	Calculations
TIME	Time
SETUP	System setup

Control and edit keys

RESET	Re-initialize system
ON/OFF	Turn the device on or off
◀, ▶	Move cursor / highlight
▼, ▲	Highlight / scroll lines / change values
⏪, ⏩	Scroll pages
ENTER	Execute
⏎	Enter space
ESC	Close active window / cancel / return to the previous page
SHIFT + key	Enter Russian letters marked at the upper right of the keys
⇄	Switch language or translation direction (available in the <i>Dictionaries</i> section)
SHIFT + ◀	Backspace
SHIFT + ▶	Enter the " _ " character
SHIFT + ▲	Enter the "? " character
SHIFT + ▼	Enter the "*" character



A, P

Have a headword pronounced, where available

Specify AM or PM (when the 12-hour format is set)

Display

ECTACO Partner® ER300T features the 111 x 48 pixel LCD with 10 flags.



Key tone enabled



SHIFT key pressed



Batteries low



Voice function available



Daily Alarm on



Vertical scrolling or paging enabled (more text available)



Horizontal scrolling enabled

Main Menu

ECTACO Partner® ER300T *Main Menu* consists of 8 icons, which visually organize access to the dictionary's sections.

- To display the *Main Menu*, turn the device on or close a current section.
- Move between icons by using ▼, ▲, ◀, ▶.
- To open a section, highlight its icon and press ENTER.

The icons shown in the *Main Menu* represent the following sections:



Dictionaries



Time



Useful English



Calendar



Examination



Games



Calculations



System Setup

DICTIONARIES

The *Dictionaries* section includes *English-Russian*, *Russian-English*, *English-English* and *TOEFL* dictionaries:

```
English-Russian
Russian-English
English-English
TOEFL
```

- Enter the *Dictionaries* section.
- Choose the desired dictionary.

English-Russian Dictionary

- To open the *English-Russian* dictionary, press the *ER DICT* shortcut key, or enter the *Dictionaries* section, select *English-Russian* and press ENTER.

Viewing entries

- To view a translation of a word, enter it from the keyboard.

```
English=>Russian
dictiona
dictionary
```

- When the desired word is displayed, press ENTER to see its translation(s).

```
dictionary
[N]
словарь [M];
справочник,
```

Use:

- ▼, ▲ to scroll through the translations;
- ⤵, ⤴ to switch between adjacent entries.
- Press ESC or any letter key to return to the input line and translate another word in the same dictionary.

You can change the translation direction by pressing ⇄.

Parts of Speech and Gender Labels

Translations are listed in alphabetical order of their respective grammatical labels (shown in square brackets).

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

Russian nouns in the *English-Russian* and *Russian-English* dictionaries are marked with gender and number labels:

F – feminine	N – neuter
M – masculine	PL – plural
MF – masculine or feminine	

Instant Reverse Translation

For your convenience, ECTACO Partner® ER300T provides *Instant Reverse Translation* for all words and expressions contained in the *Dictionaries* section.

- Press ◀, ▶ to select a word or expression for the reverse translation.


```
test
[A]
ИСПЫТАТЕЛЬНЫЙ;
КОНТРОЛЬНЫЙ;
```


- Press ENTER to obtain its instant reverse translation.
- ✓ For English translations you can choose between *English-Russian* and *English-English* dictionaries.

```
Select dictionary
English=>Russian
English=>English
```

- ✓ Only one reverse translation is available.
- Use ESC or any letter key to close the reverse translation window.

Pronunciation of words

In the *Dictionaries* section, the  sign (shown on the indicator panel) appears for certain entries. This sign indicates that you can hear the headword pronounced.

- Press  to listen to the pronunciation of the headword.

Fuzzy search

When you are not sure of the spelling of the word, input * or ? in place of uncertain letters and then press ENTER to get an entry that meets the search criterion.

Russian-English Dictionary

- Enter the *Dictionaries* section.
- Choose the *Russian-English* dictionary and press ENTER.

The *Russian-English* dictionary works similarly to the *English-Russian* dictionary. Please refer to the *English-Russian Dictionary* section.

English Explanatory Dictionary

The dictionary contains 12,000 words with their explanations.

- To open the English explanatory dictionary, press the *EE DICT* shortcut key, or enter the *Dictionaries* section, select *English-English* and press ENTER. The English explanatory dictionary works similarly to the *English-Russian* dictionary. Please refer to the *English-Russian Dictionary* section.

TOEFL dictionary

The *TOEFL* dictionary provides a collection of English words, specially selected to help you prepare for the TOEFL examination test.

- To open the *TOEFL* dictionary, press the *TOEFL* shortcut key, or enter the *Dictionaries* section, select *TOEFL* and press ENTER.

The *TOEFL* dictionary works similarly to the *English-Russian* dictionary. Please refer to the *English-Russian Dictionary* section.





USEFUL ENGLISH

Irregular verbs

All commonly used English irregular verbs are stored in alphabetical order in the *Irregular verbs* subsection.

- To open the *Irregular verbs* subsection, press the *VERBS* shortcut key, or enter the *Useful English* section, select *Irregular verbs* and press ENTER.
- Type the first letter of the desired verb and scroll through the list to find it.

Use:



-  ,  to move between adjacent entries;
-  and  to scroll individual entries;
- ESC to return to the letter input prompt.

Popular Idioms

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

- To open the *Popular idioms* subsection, press the *IDIOMS* shortcut key, or enter the *Useful English* section, select *Popular idioms* and press ENTER.
- Type the first letter of the desired idiom and scroll through the list to find it.

```
abide; abode,
abided; abode,
abided
ВЫНОСИТЬ, терпеть
```

- Use  ,  to switch between adjacent entries.

Phrasebook

The phrasebook contains over 1,100 English phrases and their translations in Russian. The phrases are divided into 12 conversational topics:

1. Everyday conversation Повседневные фразы	5. Shopping Покупки	9. Transport Транспорт
2. Traveling Путешествие	6. Sightseeing Экскурсии	10. Health Здоровье
3. Hotel Гостиница	7. Communication Средства связи	11. Beauty care Салон красоты
4. In the restaurant В ресторане	8. At the bank В банке	12. Calling for police Вызов полиции

Most of the topics contain a number of subtopics.

- To open the *Phrasebook*, press the *PHRASES* shortcut key, or enter the *Useful English* section, select *Phrasebook* and press ENTER.

```
1. Everyday
conversation
Повседневные фразы
```

- Select a topic. Press ENTER to see its subtopics.

EXAMINATION

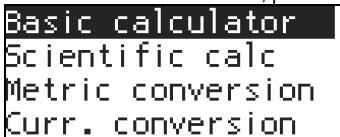
The *Examination* section includes the *Examination* and the *Select dictionary* subsections.

- To check your knowledge of words enter the *Examination* subsection.
- ✓ *English-Russian* dictionary is set by default.
- Try to guess letters in the word by entering them from the keyboard.
- Press ENTER to display the hidden word.
- Press any key for the next examination.
- ✓ To change the current dictionary, enter the *Select dictionary* subsection and select the desired dictionary.

CALCULATIONS

The *Calculations* section includes *Basic Calculator*, *Scientific Calculator*, *Metric Conversion*, and *Currency Conversion* subsections.

- To quickly navigate to the *Calculations* section, press the **CALC** shortcut key.



- ✓ When entering numbers and performing operations from the keyboard, there is no need to press the SHIFT key while in the *Calculator* mode.

Basic Calculator

- Use this application as an ordinary pocket calculator.

Scientific Calculator

- Use the *Scientific calculator* to perform advanced scientific calculations.

Metric Conversion

- Enter the *Metric conversion* subsection.

With your ECTACO Partner® ER300T you may easily convert units of measure from the British-American system into the metric system commonly used in Europe and vice versa, as well as convert within each system.

- Choose a subsection by pressing ▼ , ▲ . Press ENTER.
- Input the value.
- Press ENTER.

Currency Conversion

- Enter the *Currency Conversion* subsection.

The *Currency Conversion* function allows you to instantly calculate conversion values between eight pre-installed currencies and two user-defined currencies.

Setting and Checking Rates

- Select the *Set rate* subsection to specify currency names and rates. New currencies may be added in place of question marks.

?	1.000
?	1.000

- Specify an exchange rate relative to the basic currency (whose rate should equal 1).
- ✓ The default exchange rate for all currencies is 1.
- Enter the *Display rates* subsection to check currency rates.

Conversion

- Enter the *Calculation* subsection.
- Select a currency name and enter an amount.
- Press ENTER.

TIME

- To quickly navigate to the *Time* section, press the *TIME* shortcut key.

Local time

- Enter the *Local Time* subsection.

The *Local Time* screen shows the names of the selected city and country (default: New York, USA), the date, day of the week and the current time for that city. You may specify these settings in the *System Setup* section.

World time

Using the *World Time* subsection, you may view the current time in cities around the globe.

- Enter the *World Time* subsection.

Moscow
Russia
Thu Sep 01, 2005
08:49

- The *World Time* screen shows the names of the selected city and country (default: Moscow, Russia), date, day of the week, and the current time for that city.
- To see information for another city, scroll through the alphabetic list by pressing ▼, ▲.
- To see information for another country, scroll through the alphabetic list by pressing ▼, ▲.
- Also, you can quickly find the desired city by pressing the first letter of its name and scrolling through the list by using ▼, ▲.
- When you find the desired city, press ENTER to save changes. The next time you enter this section, the city you have chosen will be displayed first.

CALENDAR

The *Calendar* shows you the current date, day of the week, month, and year.

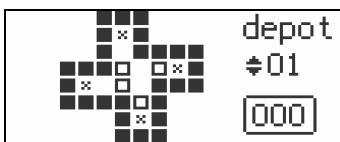
	S	M	T	W	T	F	S
2005						1	2 3
Sep	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	

Before using *Calendar*, make sure the *Clock* (in the *System Setup* section) is properly adjusted.

GAMES

- To quickly navigate to the *Games* section, press the *GAMES* shortcut key. ECTACO Partner® ER300T features the following games: *Sokoban*, *Rendzu*, *Reversi*, and *Minesweeper*.

Sokoban



This game has 52 difficulty levels. The object of *Sokoban* is to move all the chips to the places marked with "X". If you cannot move all the chips to the correct position, you lose the game.

- Open the *Sokoban* subsection and press ▼ or ▲ to set the difficulty level.

- Press ENTER to start the game.
- Use ▼, ▲, ◀, ▶ to control the mover.
- To quit the game, press ESC.

Rendzu

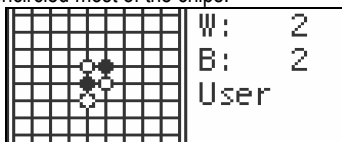
Players take turns putting black and white chips on the intersection points of the grid. Each player tries to build up an uninterrupted vertical, horizontal, or diagonal row of five chips of his color, simultaneously preventing his opponent from doing the same.



- Open the *Rendzu* subsection and press ENTER to start the game.
- To make your move, use ▼, ▲, ◀, ▶ and then press ENTER.
- To quit the game, press ESC.

Reversi

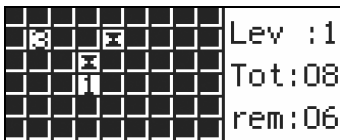
There are chips of two colors in this game: black and white. When a player encircles the opponent's chip(s), these change their color. When you cannot encircle the opponent's chip(s), you will skip your move and let the opponent encircle your chip(s). When the playing field is full, the game will end. The winner is the one who has encircled most of the chips.



- Open the *Reversi* subsection and press ENTER to start the game.
- Use ▼, ▲, ◀, ▶ to move the chip to the desired location.
- Press ENTER to confirm your choice.
- To quit the game, press ESC.

Minesweeper

The object of *Minesweeper* is to locate all the mines without uncovering any of them. If you uncover a mine, you lose the game.



- Open the *Minesweeper* subsection and press ▼ or ▲ to set the difficulty level (from 1 to 7).
- Press ENTER to start the game.

Use:

- ▼, ▲, ◀, ▶ to move the cursor;
- ␣ (SPACE) to mark a square you suspect contains a mine;
- ENTER to uncover a square.

If a number appears on a square, it indicates how many mines are in the eight squares that surround the numbered one.

- To quit the game, press ESC twice.

SYSTEM SETUP

- To quickly navigate to the *System Setup* section, press the *SETUP* shortcut key.
- Most of the *System Setup* options are very easy to adjust. Unless stated otherwise, enter a subsection and select the desired option with ▼, ▲. Then press ENTER to confirm your choice.

Interface Language

The default interface language of ECTACO Partner® ER300T is English. You can switch interface language between *English* and *Russian*.

Clock

In this subsection you can choose a city to display in the *Local Time* subsection and adjust the current time.

- Enter the *Clock* subsection.
- Specify the current date and time by using ▼, ▲, ◀, ▶.
- Press ENTER.
- In the subsequent screen enter the first letter of a city/country name and choose the right city/country from the list by using ▼, ▲.
- When you have found the desired city, press ENTER to save changes.

Daily Alarm

- Enter the *Daily Alarm* subsection.
- ✓ The default values are midnight, 00:00, and *Off*.

Use:

- ◀, ▶ to switch between hours and minutes;
- ▼, ▲ to set the time;
- A, P to specify AM or PM;
- Press ENTER to save changes.
- Press ▼, ▲ to turn the alarm on/off. If turned on, the *Daily Alarm* produces a signal at the set time.
- Press any key to interrupt the *Daily Alarm* beep (otherwise, the beep will continue for 30 seconds).

Time/Date Format

The default Month-Day-Year date format can be changed to Day-Month-Year.

The default 24-hour time format can be changed to the American 12-hour format.

Set contrast

The default contrast setting can be changed in the *Set contrast* subsection.

- Change the *contrast level* by using ◀, ▶ .
- Press ENTER to save changes.

Key Tone

This feature is designed to produce a short beep every time you press a key on the device's keyboard. The *key tone* is turned on by default.

Set sleep time

The automatic power off has a preset delay of 3 minutes. This feature saves battery life by shutting down the device after a specified period of inactivity. The adjustable range is from 3 to 12 minutes.

- ✓ During a few seconds before automatic shut down the device produces an intermittent signal.

About

You can find the ECTACO's web address and the product name here.

- In the *Setup* section, select the *About* item.
- Use ▼, ▲ to scroll text.