Operation Guide 3227

CASIO

About This Manual



- Depending on the model of your watch, display text appears either as dark figures on a light background or light figures on a dark background. All sample displays in this manual are shown using dark figures on a light
- background.

 Button operations are indicated using the letters shown in the illustration.

 Each section of this manual provides you with the
- information you need to perform operations in each mode. Further details and technical information can be found in the "Reference" section.

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Procedure Lookup

The following is a handy reference list of all the operational procedures contained in

To set the time, date and language .. To toggle between 12-hour and 24-hour timekeeping To toggle the Timekeeping Mode time between DST and Standard Time E-10 To display the Dual Time screen and Data Bank screen in the Timekeeping Mode ... E-11 To create a new Data Bank record To recall Data Bank records To delete a Data Bank record To set an alarm time ..

To turn Alarms 2 through 5 and the Hourly Time Signal on and off E-23 To select the operation of Alarm # To measure times with the stopwatch To set the countdown start time .. To use the countdown timer To toggle Dual Time Mode time between DST and Standard Time To display the Timekeeping screen and Data Bank screen in the Dual Time Mode ... E-30

Alarm Mode

Stopwatch Mode

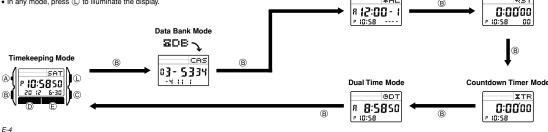
E-5

E-1

General Guide

- Press
 to change from mode to mode.
 In any mode, press
 to illuminate the display.





Timekeeping



Use the Timekeeping Mode to set the time, date and language. You can also view the Dual Time Mode screen or Data Bank Mode screen from the Timekeeping Mode

This watch is capable of displaying text for the day of the week in any one of 13 different languages (English, Portuguese, Spanish, French, Dutch, Danish, German, Swedish, Polish, Romanian, Turkish, and



- To set the time, date and language

 1. In the Timekeeping Mode, hold down (A) until the seconds start to flash, which indicates the setting
- screen.

 2. Use ② and ③ to move the flashing in the sequence shown below to select other settings.

©	Second		Year B	Month B	Day B	٦
	Mir	nutes	Hour		anguage	

- The currently selected language indicator flashes on the display while the Language (setting) is selected in the above sequence.

 3. When the setting you want to change is flashing, use

 and

 to change it as described below.

To Do This:	Do This:							
Reset the seconds to 00	Press ©.							
Change the year, month, day, hour or minutes	Use (E) (+) and (D) (-).							
Change the language	Use (E) and (D).							

While the language indicator is flashing on the display, use
 and
 to cycle through the language indicators as shown below, until the one for the language would be applied to the language.

you want to select is displayed.										
Press ©.	Indicator	Language	Indicator	Language	Indicator	Language				
- 1	ENG	English	DAN	Danish	ROM	Romanian				
Į.	POR	Portuguese	DEU	German	TÜR	Turkish				
t	ESP	Spanish	ITA	Italian	PYC	Russian				
	FRA	French	SVE	Swedish						
Press D.	NED	Dutch	POL	Polish						

- 4. Press (A) to exit the setting screen.
 The day of the week is automatically displayed in accordance with the date (year, month, and day) settings.
 See the "Day of the Week List" at the back of this manual for information on
- abbreviations used.

- In addition to the day of the week display, the language setting also affects the type of characters you can input for the name in the Data Bank Mode.
 Pressing (A) in the Timekeeping Mode displays the indicator for the currently selected language. Keeping (A) depressed for one or two seconds changes to the Timekeeping Mode setting screen (indicated by the flashing seconds digits). If you accidentally display the setting screen, press (A) again to exit.

- To toggle between 12-hour and 24-hour timekeeping
 In the Timekeeping Mode, press ⊚ to toggle between 12-hour timekeeping (indicated by ℜ or ₱ on the display), or 24-hour timekeeping.

 With the 12-hour format, the ₱ (PM) indicator appears on the display for times in the range of noon to 11:59 p.m. and the ℜ (AM) indicator appears for times in the range of midnight to 11:59 a.m.

 With the 24-hour format, times are displayed in the range of 0:00 to 23:59, without any indicator.

 The 12-hour/24-hour timekeeping format you select in the Timekeeping Mode is applied in all modes.
- applied in all modes

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Daylight Saving Time (DST)

Daylight Saving Time (summer time) advances the time setting by one hour from Standard Time. Remember that not all countries or even local areas use Daylight



To display the Dual Time screen and Data Bank screen in the Timekeeping Mode Holding down (i) in the Timekeeping Mode displays the Dual Time screen. Holding down (ii) displays the record you were viewing when you last used the Data Bank

Dual Time Screen Data Bank Screen



F-10 F-11

Data Bank



The Data Bank Mode lets you store up to 30 records, each containing name and telephone number data. Records are automatically sorted based on the characte of the name. You can recall records by scrolling through them on the display.

- The characters you can input for the name depend on The characters you can input for the name depend on the language you select in the Timekeeping Mode. See "To set the time, date and language" (page E-6) for more information. Changing the language setting does not affect names that are already stored.

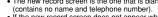
 All of the operations in this section are performed in the Data Bank Mode, which you enter by pressing (B) (page
- E-4)

To create a new Data Bank record



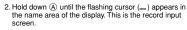
I. In the Data Bank Mode, press © to display the new record screen.

The new record screen is the one that is blank



Contains no name and telephone number).

If the new record screen does not appear when you press ©, it means that memory is full. To store another record, you will first have to delete some of the records stored in memory.



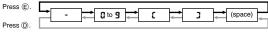
In the name area, use (E) and (D) to cycle through characters at the cursor position. The characters of in the sequence shown below.



- The above character sequence is for English input. See "Character List" at the back of this manual for the character sequences of other languages.

 When the character you want is at the cursor position, press © to move the cursor that the contraction of the contraction of the contraction.
- to the right.
- Repeat steps 3 and 4 until the name is complete
- 5. Repeat steps 3 and 4 until the name is complete.
 You can input up to eight characters for the name.
 6. After you input the name, press © as many times as necessary to move the cursor to the number area.
 When the cursor is located at the eighth space of the name area, moving the cursor to the right causes it to jump to the first digit of the number. When the cursor is at the 15th digit of the number, moving it to the right (by pressing ©) causes it to jump to the first character in the name.
 Pressing © moves the cursor the right, while ® moves it to the left.
- E-14

7. In the number area, use (E) and (D) to cycle through numbers and symbols (hyphen, brackets, space) at the cursor position. The characters cycle in the sequence shown below.



- 8. When the character you want is at the cursor position, press c to move the cursor to the right.
- Repeat steps 7 and 8 until you complete number input.

- 9. Repeat steps / and a unit you complete number input.

 The number area initially contains all hyphens. You can leave the hyphens or replace them with numbers or other symbols (brackets, space).

 You can input up to 15 digits for the number.

 10. Press (A) to store your data and exit the Data Bank record input screen.

 When you press (A) to store data, the name and number you input flash for about one second as Data Bank records are sorted. After the sort operation is complete, the Data Bank records are sorted. the Data Bank record screen appears.

E-15

The name can show only three characters at a time, so longer text scrolls continuously from right to left. The last character is indicated by the symbol ◀ after it.

To recall Data Bank records
In the Data Bank Mode, use (£) (+) and (①) (-) to scroll through Data Bank records on the display.

- . See "Sort Table" at the back of this manual for details on how the watch sorts

- 1. In the Data Bank Mode, use (E) (+) and (D) (-) to scroll through the records and 1. In the Data Baths Moute, use (), and (), a second display the one you want to edit.
 2. Hold down () until the flashing cursor appears on the display. This is the record
- input screen.

 3. Use ② (right) and ③ (left) to move the flashing to the character you want to
- change.

 4. Use © (forward) and © (back) to change the character.

 E-16

5. After making the changes that you want, press (A) to store them and exit the Data Bank record input screen.

- To delete a Data Bank record

 1. In the Data Bank Mode, use (E) (+) and (D) (-) to scroll through the records and display the one you want to delete.
- 2. Hold down A until the flashing cursor appears on the display. This is the record
- Input screen.

 3. Press ® and © at the same time to delete the record.

 □LR appears to indicate that the record is being deleted. After the record is deleted, the cursor appears on the display ready for input.

 4. Input data or press ⊗ to return to the Data Bank record screen.

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Alarms



eping Alarm date me (Month–Day) Alarm Screen

4AL :00 Hourly Time Signal Screen

You can set up to five independent multi-function alarms with hour, minutes, month, and day. When an alarm is turned on, the alarm tone sounds when the alarm time is turned on, the alarm tone sounds when the alarm time is reached. One of the alarms can be configured as a snooze alarm or a one-time alarm, while the other four are one-time alarms. You can also turn on an Hourly Time Signal, which will causes the watch to beep twice every hour on the hour.

• There are five alarm screens numbered { through 5. The Hourly Time Signal screen is indicated by :00.

• All of the operations in this section are performed in the Alarm Mode, which you enter by pressing (a) (page E-5).

Alarm Types

The alarm type is determined by the settings you make, as described below.

Daily alarm
Set the hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set.

Date alarm

Set the month, day, hour and minutes for the alarm time. This type of setting causes the alarm to sound at the specific time, on the specific date you

• 1-Month alarm

Set the month, hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set, only during the month you set.

Monthly alarm

Set the day, hour and minutes for the alarm time. This type of setting causes the alarm to sound every month at the time you set, on the day you set.

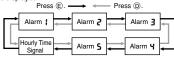
The 12-hour/24-hour format of the alarm time matches the format you select in the Timekeeping Mode.

To set an alarm time



Alarm 2 on indicator Hour : Minutes AL-2 #FIL A 15:00-5 10:58 Month-Day F-20

1. In the Alarm Mode, use © and © to scroll through the alarm screens until the one whose time you want to set is displayed.



- You can configure Alarm ; as a snooze alarm or a one-time-alarm. Alarms ; through ; can be used as
- one-time alarms only

 The snooze alarm repeats every five minutes.

 2. After you select an alarm, hold down (a) until the hour setting of the alarm time starts to flash, which indicates the setting screen.
- This operation automatically turns on the alarm.

3. Use © and ® to move the flashing in the sequence shown below to select other



- 4. While a setting is flashing, use (E) (+) and (D) (-) to change it.
 To set an alarm that does not include a month (Daily alarm, Monthly alarm), set for the month. Use E and D until the - mark appears (between L and L) while
- north setting is flashing.

 To set an alarm that does not include a day (Daily alarm, 1-Month alarm), set -for the day. Use (E) and (E) until the -- mark appears (between the end of the
 month and (1) while the day setting is flashing.
- When setting the alarm time using the 12-hour format, take care to set the time correctly as a.m. (**F** indicator) or p.m. (**F** indicator).

 Fress (A) to exit the setting screen.

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Alarm Operation

The alarm tone sounds at the preset time for 10 seconds, regardless of the mode the watch is in. In the case of the snooze alarm, the alarm tone operation is performed a

- watch is it. If the case of the stocke alarm, the alarm foll operation is perioritied total of seven times, every five minutes, until you turn the alarm off or change it to a one-time alarm (page E-24).

 Pressing any button stops the alarm tone operation.

 Performing any one of the following operations during a 5-minute interval between snooze alarms cancels the current snooze alarm operation.

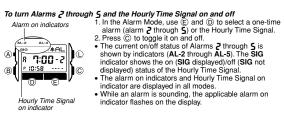
 Displaying the Timekeeping Mode setting screen (page E-6)

 Displaying the alarm { setting screen (page E-20)

To test the alarm

In the Alarm Mode, hold down © to sound the alarm.

• Pressing © also toggles the currently display alarm or the Hourly Time Signal on and off.



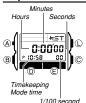
- To select the operation of Alarm †
 1. In the Alarm Mode, use (E) and (D) to select Alarm ‡.
 2. Press (C) to cycle through the available settings in the sequence shown below.

SNZ indicator and Alarm ; on indicator



- The SNZ indicator and Alarm 1 on indicator (AL-1) are displayed in all modes.
 The SNZ indicator flashes during the 5-minute intervals between alarms.
 The alarm indicator (AL-1 and/or SNZ) flashes while the alarm is sounding.

Stopwatch



The stopwatch lets you measure elapsed time, split times, and two finishes.

- The display range of the stopwatch is 23 hours, 59 minutes, 59.99 seconds.

- minutes, 59.99 seconds.

 The stopwatch continues to run, restarting from zero after it reaches its limit, until you stop it.

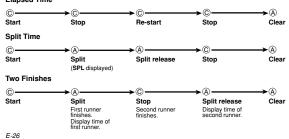
 The elapsed time measurement operation continues even if you exit the Stopwatch Mode.

 Exiting the Stopwatch Mode while a split time is frozen on the display clears the split time and returns to elapsed time measurement.
- All of the operations in this section are performed in the Stopwatch Mode, which you enter by pressing (B) (page E-5).

E-24 E-25

To measure times with the stonwatch

Elapsed Time



Countdown Timer



Timekeepina Mode time

- The countdown timer can be set within a range of 1 minute to 24 hours. An alarm sounds when the countdown
- reaches zero.

 All of the operations in this section are performed in the Countdown Timer Mode, which you enter by pressing

- To set the countdown start time

 1. In the Countdown Timer Mode, hold down (§) until the hour setting of the countdown start time starts to flash, which indicates the setting screen.

 2. Press (§) or (©) to move the flashing between the hour setting screen.
- and minute settings.
- 3. While a setting is flashing, use (E) (+) and (D) (-) to change it.

 To set the starting value of the countdown time to 24 hours, set (3:00-4. Press (A) to exit the setting screen.

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To use the countdown timer

- Press (a) while in the Countdown Timer Mode to start the countdown timer.

 When the end of the countdown is reached, the alarm sounds for 10 seconds or until you press any button to stop it. The countdown time is automatically reset to its starting value after the alarm stops.

 The countdown timer operation continues even if you exit the Countdown Timer Mode.

 Press (a) while a countdown time.
- Press © while a countdown operation is in progress to pause it. Press © again to resume the countdown.
- To stop a countdown operation completely, first pause it (by pressing ©), and then press (a). This returns the countdown time to its starting value.

Dual Time



The Dual Time Mode lets you keep track of time in a Ine Dual Time Mode lets you keep track of time in a different time zone. You can select Standard Time or Daylight Saving Time for the Dual Time Mode time, and a simple operation lets you view the Timekeeping Mode screen or Data Bank Mode screen.

• The seconds count of the Dual Time is synchronized with the seconds count of the Timekeeping Mode.

• All of the operations in this section are performed in the Dual Time Mode, which you enter by pressing (§) (page E-5).

To set the Dual Time

- In the Dual Time Mode, hold down (A) until the hour setting start to flash, which indicates the setting screen.
 Press (B) or (C) to move the flashing between the hour and minute settings.
 While a setting is flashing, use (E) (+) and (D) (-) to change it.
 Press (A) to exit the setting screen.

To toggle Dual Time Mode time between DST and Standard Time
Holding down ⓒ for about two seconds in the Dual Time Mode toggles between
Daylight Saving Time (DST displayed) and Standard Time (DST not displayed).

The DST indicator on the display indicates that Daylight Saving Time is turned on.

To display the Timekeeping screen and Data Bank screen in the Dual Time Mode Holding down ① in the Dual Time Mode displays the Timekeeping screen. Holding down ② displays the record you were viewing when you last used the Data Bank Mode.



Reference

This section contains more detailed and technical information about watch operation. It also contains important precautions and notes about the various features and functions of this watch.

- Auto Return Features

 After you perform any button operation (except for ①) in any mode, pressing ® returns directly to the Timekeeping Mode.

 The watch automatically returns to the Timekeeping Mode if you do not perform any operation for two or three minutes in the Data Bank Mode.

 If you do not perform any operation for two or three minutes while a setting screen (one with flashing digits or a cursor) is displayed, the watch automatically saves any settings you have made up to that point and exits the setting screen.

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 $\begin{array}{lll} \textbf{Scrolling} \\ \textbf{The} \; \textcircled{B}, \; \textcircled{\odot}, \; \textcircled{o}, \text{ and } \textcircled{e} \text{ buttons are used in various modes and setting screens to} \\ \textbf{scroll through data on the display. In most cases, holding down these buttons during a scroll operation scrolls through the data at high speed.} \\ \end{array}$

When you enter the Data Bank or Alarm Mode, the data you were viewing when you last exited the mode appears first.

- Timekeeping

 Resetting the seconds to a management with the current count is in the range of 30 to 59 causes the minutes to be increased by 1. In the range of 00 to 29, the seconds are reset to a management with the range of 2000 to 2039.

 The year can be set in the range of 2000 to 2039.

 The watch's built-in full automatic calendar makes allowances for different month lengths and leap years. Once you set the date, there should be no reason to change it except after you have the watch's battery replaced.

Backlight Precautions
The backlight uses an LED (light-emitting diode) and a light guide panel that causes the entire display to glow for easy reading in the dark. In any mode, press ① to illuminate the display for about one second.

• The backlight may be hard to see when viewed under direct sunlight.
• The backlight automatically turns off whenever an alarm sounds.
• Frequent use of the backlight shortens the battery life.

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Specifications

Accuracy at normal temperature: ± 30 seconds a month
Timekeeping: Hour, minutes, seconds, a.m. (A)/p.m. (P), year, month, day, day of the
week (English, Portuguese, Spanish, French, Dutch, Danish, German,
Italian, Swedish, Polish, Romanian, Turkish, Russian)
Time system: Switchable between 12-hour and 24-hour formats
Calendar system: Full Auto-calendar pre-programmed from the year 2000 to
2039
Other: Daylight Saving Time (summer time)/Standard Time; Dual Time screen
and Data Bank screen display

Data Bank:

Memory capacity: Up to 30 records, each including a name (8 characters) and

telephone number (15 digits)
Other: Remaining number of records screen; Auto sort; Support of characters of 13 languages

Alarms: 5 multi-function* alarms (4 one-time alarms; 1 snooze/one-time alarm);

Hourly Time Signal * Alarm type: Daily alarm, date alarm, 1-month alarm, monthly alarm

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Stopwatch:
Measuring unit: 1/100 second
Measuring capacity: 23:59' 59.99"
Measuring modes: Elapsed time, split time, two finishes
Countdown Timer:

Indown Timer:
Measuring unit: 1 second
Input range: 1 minute to 24 hours
Itime: Hour, minutes, seconds, a.m. (A)/p.m. (P)
Other: Daylight Saving Time (summer time)/Standard Time; Timekeeping screen
and Data Bank screen display

Other: Backlight (light emitting diode); Auto Display function

Battery: One lithium battery (Type: CR1616)
Approximately 3 years on type CR1616 (assuming alarm operation 10 sec./day, and one backlight operation 1.5 sec./day)
• Frequent use of the backlight shortens the battery life.

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Day of the Week List

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
ENG	SUN	MON	TUE	WED	THU	FRI	SAT
POR	DOM	SEG	TER	QUA	QUI	SEX	SÁB
ESP	DOM	LUN	MAR	MIÉ	JUE	VIE	SÁB
FRA	DIM	LUN	MAR	MER	JEU	VEN	SAM
NED	ZON	MAA	DIN	WOE	DON	VRI	ZAT
DAN	SØN	MAN	TIR	ONS	TOR	FRE	LØR
DEU	SON	MON	DIE	MIT	DON	FRE	SAM
ITA	DOM	LUN	MAR	MER	GIO	VEN	SAB
SVE	SÖN	MÅN	TIS	ONS	TOR	FRE	LÖR
POL	NIE	PON	WTO	ŚRO	CZW	PΙĄ	SOB
ROM	DUM	LUN	MAR	MIE	JOI	VIN	SÅM
TÜR	PAZ	PZT	SAL	Sar	PER	CUM	CTS
PYC	BC	ПН	BT	CP	ЧТ	ПТ	CB

Character List
ENG: (space) ABCDEFGHIJKLMNOP@RSTUVWXYZa !?'.:/+-0123456789
POR: (espaço) AÁÀÁÄBCSDEÉÉFGHIÍJKLMNOÓÖÖP QRSTUÚVWXYZD!?'.:/+-0123456789
ESP: (espacio) AÁBCDEÉFGHIÍJKLMNÑOÓP@RSTU ÚÚVWXYZa!??.:/+-0123456789
FRA: (espace) A À ABCSDEÉÈÉËFGHIÎ ÏJKLMNOÔŒP@ RSTUÙÛÜVWXYZƏ!?'.:/+-0123456789
NED: (Spatie) ABCDEFGHIJKLMNOP@RSTUVWXYZD !?'.:/+-0123456789
DAN: (Mellemsrum) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Æ Ø Å æ! ? '. : / + - 0 1 2 3 4 5 6 7 8 9

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CASIO

DEU:	(Leerz	eic	chen)	А	Ä	В	C	D	E	F	G	Н	Ι	J	К	L	М	N	0	ö	P	Ø.	R	s	т	U	Ü
	UBBX	Y	7.3	1	\sim	- 2	_	:	1	+		0	4	2	-3	4	=	6	7	8	9						

ITA: (spazio) A À B C D E É È F G H I Ì Î J K L M N O Ó Ò P Q R S T U Ù V W X Y Z æ ! ? '. : / + - 0 1 2 3 4 5 6 7 8 9

SVE: (Mellanslag) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Å Ä Ö a ! ? '. : / + - 0 1 2 3 4 5 6 7 8 9

POL: (epacja) A B C Ć D E E F G H I J K L Ł M N Ń O Ó P © R S Ś T U V W X Y Z Ź Ż Ż Ż ? ? ? . : / + - 0 1 2 3 4 5 6 7 8 9

ROM: (spaţiu) AÄÂВСDЕFGHIÎJKLMNOP@RS\TUV WXYZa!??.:/+-0123456789

TÜR: (boşluk) ABC 9 DEF GĞHIİJKLMNOÖP @RS \T U ÜV W X Y Z æ!?'..:/+-0123456789

РУС: (пробеп) АБВГДЕЁЖЗИЙКЛМНОПРСТУФХЦЧШ ЩЪЫЬЗЮЯД!? ?。: /+-0123456783

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_			

85	0	91	Φ.	97	Ъ	103	a	109	1	115	3	121	9
86	П	92	×	98	ы	104	!	110	+	116	4		
87	Р	93	ц	99	Ь	105	?	111		117	5		
88		94	Ţ	100	Э	106	7	112	0	118	6		
89	т	95	Ш	101	Ю	107		113	1	119	7		
90	У	96	Щ	102	Я	108		114	N	120	00		

- Character 7 (Ä) is for German, character 69 (Ä) is for Swedish.
 Character 43 (Ö) is for German and Turkish, character 70 (Ö) is for Swedish.
 Characters 71 through 102 are for Russian.

- El carácter 7 ($\ddot{\mathbf{H}}$) es para el idioma alemán, el carácter 69 ($\ddot{\mathbf{H}}$) es para el idioma
- sueco. El carácter 43 (\ddot{o}) es para los idiomas alemán y turco, el carácter 70 (\ddot{o}) es para el idioma sueco.

 • Los caracteres 71 al 102 son para el idioma ruso.

Sort Table

1	(space)	13	Ć	25	I	37	Ń	49	S	61	X	73	Т
2	А	14	D	26	Í	38	Ñ	50	Ś	62	Υ	74	д
3	Á	15	E	27	Ì	39	0	51	ηų	63	Z	75	E
4	À	16	É	28	Î	40	Ó	52	Т	64	ź	76	Ë
5	Ď	17	È	29	Ï	41	Ò	53	I	65	ż	77	ж
6	Å	18	Ê	30	İ	42	ô	54	U	66	Æ	78	3
7	Ä	19	Ë	31	J	43	ö	55	Ú	67	Ø	79	И
8	Ã	20	Ę	32	К	44	ő	56	Ù	68	Å	80	Й
9	ų	21	F	33	L	45	Œ	57	Ô	69	Ä	81	К
10	В	22	G	34	Ł	46	P	58	Ü	70	Ö	82	Л
11	С	23	Ğ	35	М	47	Q.	59	V	71	Б	83	М
12	Œ	24	Н	36	N	48	R	60	W	72	В	84	Н
													_

L-5

- O caractere 7 (¬) é para o alemão, e o caractere 69 (¬) é para o sueco.
 O caractere 43 (¬) é para o alemão e turco, e o caractere 70 (¬) é para o sueco.
 Os caracteres de 71 a 102 são para o russo.

- 字符7(首)是德語,字符69(首)是瑞典語 字符43(Ö)是德語及土爾其語、字符70(Ö)是瑞典語。字符71至102是俄語。
- - - رمز الكتابة ٧ (Ä) للغة الألمانية، رمز الكتابة ٦٩ (Ä) للغة السويدية. رمز الكتابة ٤٣ (Ö) للغة الألمانية والتركية، رمز الكتابة ٧٠ (Ö) للغة السويدية.
 - رَّمزُّ الكتابُة ٧١ حَتَّى ١٠٢ للغة الروسيةّ."