## Operation Guide 2888


information you his manual provides you with the information you need to perform operations in each formation can be found in the "Reference" section

## Keypad

General Guide
Calculator Mode
Alarm Mode

- Press (B) to change from mode to mode.
- In any mode, press (L) to illuminate the display


Timekeeping Mode


Dual Time Mod
Stopwatch Mode

| $0$ |
| :---: |
|  |  |
|  |  |


| 두: T |  |
| :---: | :---: |
| 7: 70 |  |
| - 48:58 | 0 E |

Timekeeping


To set the time and date


- 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 the keypad to change it as described below.

- You must input two digits for the hour, minutes, year, month, and day settings. If you want to specify 3 o'clock, for example, input 03 for the hour. For the year setting, input the two rightmost digits.

| To do this: | Do this: |
| :--- | :--- |
| Reset the seconds to $\mathbf{G E}$ | Press [0]. |
| Change the year, month, <br> day, hour, or minutes | Input values on the keypad keys. <br> - The flashing moves to the right each time you <br> input a value. <br> - While the hour or minutes is flashing (12-hour <br> timekeeping only), press $[=$ PM] to toggle between <br> AM (A indicator) and PM (P indicator). |
| Change the language | Use [+] and [ $\div$ ]. |

- While the language indicator is flashing on the display, use $[+]$ and $[\div]$ to cycle through the language indicators as shown below until the one for the language


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.
- 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.
- Holding down (A) in the Timekeeping Mode displays the indicator for the currently
selected language. Keeping (A) depressed for one second changes to the Timekeeping Mode setting screen (indicated by the flashing seconds digits). If you

To toggle between 12-hour and 24-hour timekeeping
In the Timekeeping Mode, press © to toggle between 12-hour timekeeping (indicated by $\mathbf{A}$ or $\mathbf{P}$ on the display), or 24-hour timekeeping

- With the 12 -hour format, the $\mathbf{P}(\mathrm{PM})$ indicator ap
range of noon to 11.59 pm . and the $\mathbf{A}(\mathrm{AM})$ indicator ator appears for times in the range
- 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.
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 Saving Time.

To toggle the Timekeeping Mode time between DST and Standard Time Holding down (C) for about two seconds in the
imekeeping Mode toggles between Daylight Saving Time (DST displayed) and Standard Time (DST not displayed)
 Note hat pressing ( in toggles between 12 -hour timekeoping and 24 -hour

- The DST ind

Alarm Mode displays to indicate that Dakeeping and Time is turned on. Holding down $[\div]$ in the Timekeeping Mode displays the Dual Time screen. Holding down $[+]$ displays the record you were viewing when you last used the Data Bank Mode.


Data Bank


## Creating a New Data Bank record

When creating a new Data Bank record, you can input the name and then the telephone number, or you can input the telephone number and then the name. Being able to input the phone number first helps to avoid forgetting a number as you input the name.

## Operation Guide 2888

To input the name and then the phone number of new Data Bank record

## Name area



New Record Screen


1. In the Data Bank Mode, press (C) to display the new record screen.

- The new record screen is the one that is blank - 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 (C), it means that memory is full. To store another record, you will first have to delete some o the records stored in memory.

2. Hold down (A) until the flashing cursor (....) appears in the name area of the display. This is the record input screen.
3. In the name area, use $[+]$ and $[\div]$ to cycle through characters at the cursor position. The characters cycle in the sequence shown below.


- The above character sequence is for English input. See "Character List" for the - The above character sequence is for Engli
character sequences of other languages.

4. When the character you want is at the cursor position, press © to move the cursor to the right.
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 (C) 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 (C)) causes it to jump to the first character in the name.
- Pressing (C) moves the cursor the right, while (B) moves it to the left
- Each time you input a digit, the cursor automatically moves to the right - The number area initially contains all hyphens. You can leave the hyphens or replace them with numbers or spaces.
- Use [. SPC] to input a space and [-] to input a hyphen.
- If you make a mistake while inputting numbers, use (C) and (B) to move the cursor to the location of the error and input the correct data.
- You can input up to 15 digits for the number

8. 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 record screen appears.
- 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 input the telephone number and then the name of new Data Bank record

1. In the Data Bank Mode, press (C) to display the new 1. In the Data Ban
record screen.


Number area New Record Screen

2. Use the keypad to input the telephone number. - Pressing a number key as the first input in a new Data Bank record will input the number at the first position of the number area, and automatically move the cursor to the next position to the right. Input the rest of the phone number.
Use [. SPC] to input a space and [-] to input a hyphen.
If you make a mistake while inputting the phone number, press ©. This will return to the blank new
record screen, so you can restart your input.

- If you do not input anything for about two or three minutes, or if you press (B), the watch will exit the input screen and change to the Timekeeping Mode. Anything you have input up to that point will be cleared.

3. After inputting the telephone number, hold down (A) until the flashing cursor (.....)
appears in the name area of the display. This is the record input screen.
. Input the name that goes with the number
Use $[+]$ and $[\div]$ to cycle through the characters at the cursor position. Use © © and B "to move the cursor. For details about character input, see steps 3 through 5
4. After inputting the name, press (A) to store your data and exit the Data Bank record input screen.

## To recall Data Bank records

In the Data Bank Mode, use [+] (+) and [ $\div$ ] ( - ) to scroll through Data Bank records on the display.

- Pressing $[+]$ while the last Data Bank record is on the display displays the new record screen.

To edit a Data Bank record

1. In the Data Bank Mode, use $[+](+)$ and $[\div](-)$ to scroll through the records and display the one you want to edit.
2. Hold down (A) until the flashing cursor appears on the display. This is the record input screen.
3. Use (C) (right) and (B) (left) to move the flashing to the character you want to change.
. Use or keypad to change the character
For details about character input, see steps 3 (name input) and 7 (number input) 5. After making the changes that you want, press © to store them and exit the Data Bank record input screen.

## To delete a Data Bank record

1. In the Data Bank Mode, use $[+](+)$ and $[\div](-)$ 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.
. Press © and © at the same time to delete the record.
deleted the cursor appears on the display ready for input. After the record is
3. Input data or press (A) to return to the Data Bank record screen

## Calculator

You can use the Calculator Mode to perform arithmetic calculations, as well as currency conversion calculations. You can also use the Calculator Mode to turn the input tone on and off.

- All of the operations in this section are performed in the Calculator Mode, which you enter by pressing (B).
- Before starting a new calculation or currency conversion operation in the Calculator

Mode, first use (©) to display one of the screens shown below.


Calculator Screen

- Arithmetic and currency conversion calculation input and result values can be up to
eight digits for positive values, and seven digits for negative values.
- Exiting the Calculator Mode causes all currently displayed values to be cleared.

How the © button affects the current screen in the Calculator Mode

- Pressing (c) while the current screen (arithmetic calculator or currency converter screen) shows a value other than zero will clear the screen to zero, without changing to the other screen.
- Pressing © while an $\mathbf{E}$ (error) indicator is displayed clears the $\mathbb{E}$ (error) indicator, but does not clear the current calculation to zero.
- Pressing © while the current screen (arithmetic calculator or currency converter
screen) is cleared to zero, will switch to the other screen.


## Performing Arithmetic Calculations

You can perform the following types of arithmetic calculations in the Calculator Mode: addition, subtraction, multiplication, division, arithmetic constants, powers, and approximate values.
To perform arithmetic calculations

Operator area
Operator symbol


When the calculator screen is displayed in the Calculator Mode, you can use the keypad to input calculations just as you do with any standard calculator. See the examples - Be sure to pres
screen to press (C) to clear the arithmetic calculator screen to zero before beginning each calculation. If the screen is already cleared, pressing (C) will switch to the currency converter screen
displayed in the value a calculation, values are displayed in the operator area of the display.

| Example | Operation | Display |
| :---: | :---: | :---: |
| (Basic Calculation) $12.3+74-90=-3.7$ | $\begin{aligned} & \substack{[1][2][. S P C][3][+][7][4][-][9][0] \\ [=P M]} \\ & \hline \end{aligned}$ | -3.7 |
| $\begin{aligned} & (12-0.5) \times 3 \div 7 \\ & =4.9285714 \end{aligned}$ | [1] [2] [-] [.SPC] [5] [x] [3] [ $\div$ ] [7] [=PM] | 4.928574 |
| $\begin{aligned} & \text { (Constant Calculation) } \\ & 10+7=17 \\ & 12+7=19 \end{aligned}$ | [7] [+] [+] [1] [0] [=PM] <br> [1] [2] [=PM] | $\begin{array}{ll} +\mathrm{C} & 19 \\ +\mathrm{C} & 9 . \\ \hline \end{array}$ |
| $(2.3)^{4}=27.9841$ | [2] [.SPC] [3] [x] [X] [=PM] [=PM] [=PM] | <K 37.984 |

- To perform a constant calculation, input the value you want to use as a constant and then press one of the arithmetic operator keys twice. This makes the value you input a constant, which is indicated by the indicator next to the operator symbol.
- An $\mathbb{E}$ (error) indicator will appear whenever the result of a calculation exceeds 8
digits. Press © to clear the error indicator. After that, you will be able to continue the calculation using an approximate result.
The following table describes how to correct input errors and how to clear the calculator after you finish using it.


## Correct or change the value you are

 currently inputting, without deleting the part of the calculation you have input up oo the current valueCorrect or change the arithmetic operator $(+,-, \times, \div)$ you have just input
Completely clear the calculation you are inputting
lear a displayed calculation result produced by pressing the $[+]$, $[-$
[x], [ +1 , or
calculation

## Currency Conversion Calculation

You can register a single currency exchange rate for quick and easy conversion to another currency.

- The default conversion rate is $\times 0$ (multiply the input value by 0 ). $\times$ represents the multiplication operator and 0 is the exchange rate. Be sure to change the value to the exchange rate value and the operator (multiplication or division) you want to use


## To change the exchange rate and the operator

Operator symbol 1. While the currency converter screen is displayed in the (A) (D) $\begin{aligned} & \text { Calculator Mode, hold down (A) until the exchange rate } \\ & \text { starts to flash on the display. This is the setting screen. }\end{aligned}$
 Use the keypad to input the exchange rate and the operator ( $[x]$ _ -1 ) you want to use. xchange rate to zero, press (C).

Press (A) to exit the setting screen.
To check the current exchange rate and operator setting

1. While the currency converter screen is displayed in the Calculator Mode, hold down

- The setting screen will also show the current exchange rate and operator setting

2 Press (A) to exit the setting screen.
2. Press (A) to exit the setting screen.

## Operation Guide 2888

To perform a currency conversion calculation

1. While the currency converter screen is displayed in the Calculator Mode, use the keypad to input the value from which you want to convert
2. Press $[=P M]$ to display the conversion result.
3. Press (C) to clear the conversion result.

- An $\mathbf{E}$ (error) indicator appears on the display when the result of a calculation
exceeds 8 digits. Press (C) to clear the error indicator.
- Pressing [=PM] while a calculation result is displayed will apply the conversion rate again to the displayed value.


## Turning the Input Tone On and Off

An input tone causes the watch to beep each time you press a button or keypad key
You can turn off the input tone if you want

- The input tone on/off setting you select in the Calculator Mode is applied to all other modes, except the Stopwatch Mode.
- Note that alarms will continue to sound even if the input tone is turned off.

To turn the input tone on and off


- The MUTE indicator is displayed in all modes when the input tone is turned off.


## Alarms



You can set up to five independent multi-function alarms with hour, minutes, month, and day. When an alarm is reached. One of the alarms can be configured as a reached. One of the alarms can be configured as a one-time alarm, while the other four are You can also turn cause the watch to beep - There are five alarm screens numbered it through 5 .

The Hourly Time Signal screen is indicated by: $\mathbf{t a}$ -- All of the operations in this section are performed in the Alarm Mode, which you enter by pressing (B).

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 set.

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


## To set an alarm time



AM indicator

|  |
| :---: |
|  |  |
|  |  |
|  |  |

1. In the Alarm Mode, use [+] and [ $\div$ ] to scroll through the alarm screens until the one whose time you want to set is displayed.


- You can configure alarm $\boldsymbol{f}$ as a snooze alarm or a one-time alarm. Alarms $\boldsymbol{2}$ through 5 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 left hour setting of the alarm time starts to flash, which indicates the setting screen. - This operation automatically turns on the alarm.
3. Use the keypad to input the alarm time and date.
-The flashing automatically advances to the right each time you input a number.
You can also use (B) and (C) to move the flashing between input digits.

- To set an alarm that does not use a month and/or day setting, input $\mathbf{d E}$ for each
- If you are using settings. 12 -hour timekeeping, press $[=$ PM $]$ while the hour or minute setting is flashing to toggle between AM and PM.
When setting the alarm time using the 12-hour format, take care to set the time correctly as am ( $\mathbf{A}$ indicator) or pm ( $\mathbf{P}$ indicator).

4. Press (A) to exit the setting screen

- Note that the month and day setting each appear as on the setting screen when - and an unset day is shown as - screen, however, an unset month is shown as alarm time".

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 total of seven times, every five minutes, until you turn the alarm off or change it to a one-time alarm.

- Pressing any button or key 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
Displaying the alarm ; setting screen


## To test the alarm

In the Alarm Mode, hold down (C) to sound the alarm

- Pressing (C) also toggles the currently display alarm or the Hourly Time Signal on and off.
To turn alarms $\mathbf{2}$ through $\mathbf{S}$ and the Hourly Time Signal on and off
In the Alarm Mode, use $[+]$ and $[\because]$ to select a one

Hourly time sign


Alarm 2 on Alarm 4 on indicator indicator time alarm (alarms ? through 5) or the Hourly Time Signal.
2. Press (C) to toggle it on and off

- The current on/off status of alarms $?$ through 5 is shown by indicators along the bottom of the displays displayed)/off (SIG not displayed) status of the Hourly Time Signal.
The alarm on indicators and Hourly Time Signal on indicator are displayed in all modes.
While an alarm is sounding, the applicable alarm on
indicator flashes on the display.
To select the operation of alarm

1. In the Alarm Mode, use $[+]$ and $[\div]$ to select alarm :
2. Press (C) to cycle through the available settings in the sequence shown below.


- The SNZ indicator and alarm $\mathbf{f}$ 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


## Timekeeping


he 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.
The stopwatch continues to run, restarting from zero after it reaches its limit, until you stop it.
The elapsed time measurement operation continues
. xiting the Stopwatch Mode while
Exiting the Stopwatch Mode while a split time is frozen on the display clears the split time and returns to
All of the op measurement.
Stopwatch Mode, which you enter by pressing (B).

1/100 second
To measure times with the stopwatch

## Elapsed Time




## Operation Guide 2888

## Dual Time

 Dual time(Hour : Minutes Seconds)


Timekeeping
Mode time
To set the Dual Time

The 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 or Data Bank Mode screen.

- The seconds count of the Dual Time is synchronized with the seconds count of the Timekeeping Mode. Dual Time Mode, which you enter by pressing (B) in the

1. In the Dual Time Mode, hold down (A) until the left hour setting start to flash, which indicates the setting screen. 2. Use the keypad to input the dual time.

- The flashing automatically advances to the right each time you input a number. You can also use (B) and (C) to move the flashing between input digits.
- If you are using the 12 -hour timekeeping format, press 3 . Press (A) to exit the setting screen.
e time between DST and Standard Time
Holding down (C) for about two seconds in the Dual Time Mode toggles between Daylight Saving Time (DST displayed) and Standard Time (DST not displayed) Saving Tindicator 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 $[\div]$ in the Dual Time Mode displays the Timekeeping screen. Holding down $[+]$ displays the record you were viewing when you last used the Data Bank



Illumination

| Auto light switch on indicator |
| :---: |
|  |  |
|  |  |

The display of the watch is illuminated by an LED (lightemitting diode) and a light guide panel for easy reading in on illumination when you angle the watch towards your face. face.

- The auto light switch must be turned on (indicated by - You can light switch on indicator) for it to operate. illumination duration.
See "Illumination Precautions" for other important information about using illumination.
To turn on illumination manually
In any mode, press (L) to illuminate the display.
 setting.

About the Auto Light Switch
Turning on the auto light switch causes illumination to turn on, whenever you position your wrist as described below in any mode.
Moving the watch to a position that is parallel to the ground and then tilting it towards you more than 40 degrees causes illumination to turn on

- Wear the watch on the outside of your wist.


Warning!

- Always make sure you are in a safe place whenever you are reading the display of the watch using the auto light switch. Be especially careful when running or engaged in any other activity that can result in accident or injury. Also take care that sudden illumination by the auto light switch does not startle or distract others around you.
- When you are wearing the watch, make sure that its auto light switch is turned off before riding on a bicycle or operating a motorcycle or any other motor vehicle. Sudden and unintended operation of the auto light switch can create a distraction, which can result in a traffic accident and serious personal injury.

To turn the auto light switch on and off
In the Timekeeping Mode, hold down (L) for about two seconds to toggle the auto light switch on (auto light switch on indicator displayed) and off (auto light switch on indicator not displayed).

- In order to protect against runnning down the battery, the auto light switch will turn off automatically approximately six hours after you turn it on. Repeat the above procedure to turn the auto light switch back on if you want.
The auto light switch on indicator is on the display in all modes while the auto light switch is turned on.
To specify the illumination duration

1. In the Timekeeping Mode, hold down (A) until the
2. Press (L) to toggle the illumination duration setting between 3 seconds ( 3 sec . indicator displayed) and 1.5 seconds ( 3 sec . indicator not displayed)

- The 3 sec . indicator is displayed in all modes when the illumination duration setting is three seconds.


## 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 Display

|  |  |
| :---: | :---: |
|  |  |
|  |  |

Auto Display continually changes the contents of the digital display.
To turn off Auto Display
Press (A), B , or (C) to turn off Auto Display. This returns to the Timekeeping Mode.
To turn on Auto Display
Hold down (B) for about two seconds until the watch
beeps.

- Note that Auto Display cannot be performed while a setting screen is on the display.
Auto Return Features
- The watch automatically returns to the Timekeeping Mode if you do not perform any operation under the conditions described below.
-For two or three minutes in the Data Bank or Alarm Mode
- For six or seven minutes in the Calculator Mode
- If you do not perform any operation for two or three minutes while a setting or input screen (one with flashing digits or a cursor) is displayed, the watch will automatically exit the setting or input screen.
- After you perform any button or key operation (except for (L)) in any mode, pressing (B) returns directly to the Timekeeping Mode.


## Scrolling

The (B) and (C) buttons, and [+] and [ $[+$ ] keys are used in various modes and setting screens to scroll through data on the display. In most cases, holding down these buttons during a scroll operation scrolls through the data at high speed.

## Initial Screens

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

## Timekeeping

- Resetting the seconds to $\mathbf{E G}$ while 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 $8 \mathbb{E}$ without changing the minutes.
The watch's built in full automatic calend to 2099
解 engths and leap years. Once you set the date, there should be no reason to change


## Illumination Precautions

- Keypad keys are disabled and do not input anything while the display is illuminated.
- Illumination may be hard to see when viewed under direct sunlight.
- Illumination automatically turns off whenever an alarm sounds.
- Frequent use of illumination shortens the battery life.

Auto light switch precautions

- Wearing the watch on the inside of your wrist and movement or vibration of your arm can cause the auto light switch to activate and illuminate the display. To avoid turn off the auto light switch whenever engaging in activities that might cause frequent illumination of the display.

More than
too high


- Illumination may not turn on if the face of the watch is more than the degrees above or below parallel. Make sure that the back of your hand is par illemmination ground duration (see "To specify the illumination duration") if you keep the watch pointed towards your face.
- Static electricity or magnetic force can interfere with proper operation of the auto light switch. If illumination does not turn on, try moving the watch back to the starting position (parallel with the ground) and then tilt it back toward you again. If this does not work, drop your arm all the way down so it hangs at your side, and then bring it back up again.
- Under certain conditions, illumination does not turn on until about one second after you turn the face of the watch towards you. This does not indicate malfunction. bou mand forth. This sound is caused by mechanical operation of the auto light switch, and

Day of the Week List

| - | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ENG | surd | MOH | TUE | wed | THU | FFI | SfT |
| FOF | DOH | SEG | TEF: | QUA | QuI | SEX | SAE |
| ESF | DOH | LUN | MFIF: | MIE | TUE | UIE | SAE |
| FFF | DIM | Lun | Mart | MEFP | IEU | VEN | 5 Fl |
| NED | zOW | MFIF | DIM | WOE | DOH | URI | zFT |
| Dfin | Sad | 1 Mma | TIF: | OHS | TOF | FRE | LEFP |
| DEU | sod | MOM | DIE | MIT | DOM | FFE | Sfl |
| ITA | DOH | LUN | MFIFP | MEF: | Gro | VEN | Sfe |
| SVE | SOW | MAN | TIS | OHE | TOF | FFE | LÖR |
| FOL | NIE | FOH | WTO | 5 FO | CZu | FIF | Soe |
| FOH | DuH | LUN | MFIF: | MIE | JoI | UIN | $5{ }^{\text {ch }}$ |
| TÜ: | FFEz | FZT | SFL. | Caf: | FEF: | cum | CTE |
| FyC | EC | $\square \mathrm{H}$ | ET | F | -4T | Пт | CE |

## Character List

ENE：（space）BEEDEFEHI IRLMNOFQRETUYWXYZ

 QRETUUソゅXYz
ESF：（espacio）AEEDEEFEHIAJELMHWOGFQFETUU



HED：（Spatie）FEEDEFEHITRLMNOFQFETUUWXYZ

DH：（Mellemsrum）FEEDEFGHIJKLNHOFQFETUYWXY

DEU：（Leerzeichen）FÄEIDEFGHIJRLHNÖFQFETUUU


ITH：（spazio）FAEEDEEEFEHITITRLNNOOOFQFST以Uण円XYZ
GE：（Mellanslag）FEEDEFEHIXKLMNOFQFETUUWXYZ



FOH：（spatiu）FA゙AEEDEFGHIAJRLMNOFQFEETTUYW






Sort Table

| 1 | （space） | 13 | $\pm$ | 25 | I | 37 | 4 | 49 | $=$ | 61 | \％ | 73 | T | 85 | O | 91 | ＋ | 97 | $E$ | 103 | a | 109 | $\checkmark$ | 115 | 3 | 121 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | F | 14 | D | 26 | $\pm$ | 38 | 0 | 50 | $\pm$ | 62 | $Y$ | 74 | A | 86 | 7 | 92 | 人 | 98 | b | 104 | ！ | 110 | ＋ | 116 | 4 |  |  |
| 3 | А | 15 | E | 27 | $\pm$ | 39 | － | 51 | 三 | 63 | z | 75 | E | 87 | F | 93 | 4 | 99 | E | 105 | $\because$ | 111 | －－ | 117 | E |  |  |
| 4 | A | 16 | É | 28 | $\pm$ | 40 | ¢ | 52 | T | 64 | $\dot{Z}$ | 76 | E | 88 | C | 94 | 4 | 100 | E | 106 | \％ | 112 | 0 | 118 | E |  |  |
| 5 | $\stackrel{\text { ® }}{\text { A }}$ | 17 | E | 29 | $\ddot{I}$ | 41 | ¢ | 53 | I | 65 | 亡 | 77 | H | 89 | T | 95 | i．i． | 101 | 10 | 107 | ： | 113 | 1 | 119 | 7 |  |  |
| 6 | 啇 | 18 | E | 30 | $\dot{\text { İ }}$ | 42 | \＃ | 54 | 4 | 66 | 碞 | 78 | $\pm$ | 90 | $Y$ | 96 | 4 | 102 | H | 108 | ： | 114 | E | 120 | 8 |  |  |
| 7 | $\stackrel{\text { Ä }}{ }$ | 19 | $\stackrel{\rightharpoonup}{E}$ | 31 | I | 43 | $\ddot{\square}$ | 55 | $\dot{1}$ | 67 | 2 | 79 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

－Character 7 （ 4 ）is for German，character 69 （if）is for Swedish． －Characters 71 through 102 are for Russian

