



KIRK 4080 Handset



User's Guide

Congratulations on your new KIRK handset

Your new handset from KIRK telecom will provide you with the greatest possible degree of flexibility and mobility due to high battery capacity, low weight, practical size and design.

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1. Warnings

The KIRK 4080 is developed for use in the following potentially explosive working environments, as defined by local fire protection authorities.

Class I, Zone 1 AEx ib IIC T3

The handset complies with the Standard UL 60079-0 and UL 60079-11 as well as CAN/CSA-E60079-0:02 Mars 2002 and CAN/CSA-E60079-11-02 Mars 2002

Class I, Division 2, Group A, B, C & D Class II, Division 2, Group E, T3

The handset complies with the CSA Standard C22.2 No. 213-M1987 and ANSI/ISA-12.12.01-2000 Standard

For safe use of KIRK 4080, please remind the following:

- Please consult your system manager for instruction before using KIRK 4080
- Do not charge KIRK 4080 in a potentially explosive atmosphere
- Use only the dedicated charger **8464 2458** (orange) for charging KIRK 4080
- Do not change the battery in a potentially explosive atmosphere
- Use only the dedicated battery pack **8474 3416** (orange) for battery replacement
- The AC power adaptor used in connection with the charger must **not** be connected to a higher voltage than 120 Volt AC.
- Do not open KIRK 4080 in a potentially explosive atmosphere
- Use only headset part no. **0231 9517** in connection with KIRK 4080
- The leather pouch **0231 9543 must** be used with KIRK 4080:
 1. In dry areas with humidity conditions of less than 60%
 2. When the user is wearing clothes that could cause electrostatic charging of the handset
- If defects occur, remove KIRK 4080 immediately from the potentially explosive atmosphere
- Only KIRK telecom A/S may repair and service KIRK 4080
- Relevant data concerning repairs must be logged
- For traceability it is advisable to keep a record of type- and serial numbers of the handsets, as well as the name of users of the handset

2. Label information

SW : 6E HW : 4B

0239 80XX 07W11

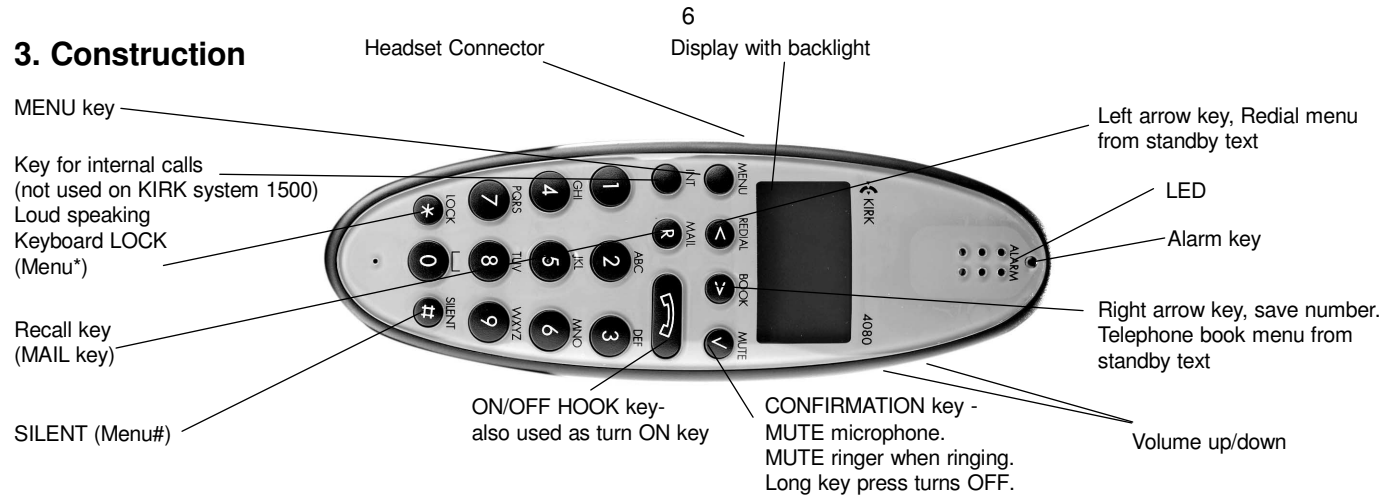
00077 0612630 4

Software and Hardware version

Product number and Production date (year 2007, week 11)

Serial number

3. Construction



4. Battery installation

The battery is connected to the handset as factory default and must **not** be removed when inside a potentially explosive atmosphere.



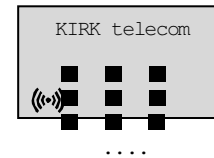
To change the battery you must unscrew the plate on the back of the handset by means of a special tool to access the battery compartment. To remove the battery cover, use a "normal" screwdriver. Insert it into the small crack behind the blind cover and break to open the handset.

5. Charging

Do not charge KIRK 4080 in a potentially explosive atmosphere. Use only the dedicated charger 8464 2458 (orange) for charging KIRK 4080.

It takes approximately 3 1/2 hours to charge the handset from fully discharged to its full capacity. Place the handset in the charger. When the handset is turned on, the display shows the charging status in line 3. For correct charging the room temperature has to be between 0°C and 25°C and the handset must therefore not be placed in direct sunshine. The battery has a built-in heat sensor which will stop charging if the battery temperature is too high.

It is necessary to recharge the battery when the display shows "BATTERY LOW", or if it can not be turned on. The LED flashes at a low frequency while charging and lights constantly when the charging is finished. The display goes back to normal mode when fully charged.



When the handset is placed in the charger it will not vibrate, and B-answer is inactive. If the battery is fully discharged, up to 10 min. may pass before charging begins and the handset can be turned on. When charging begins the charging status is shown in the 3rd line of the display and the LED flashes slowly.


6. Key Functions

The handset has 21 keys:



Two keys are placed at the right side for volume control. Press upper or lower key to change the volume. Each key-press turns volume one step up/down.


- "MENU" - Go to menu structure or exits the menu structure. (Escape or »NO«)
- " < ", "REDIAL" - Menu: left, Cursor left, after a digit: delete last digit. Long press: delete all
From standby text: Redial menu
- " > ", "BOOK" - Menu: right, Cursor right, After a digit: Store number in telephone book
From standby text: Telephone book read
- " ", "MUTE" - Confirmation (»YES«) or jump to next level in the menu. In off hook: Mute microphone
In on hook: Mute ringer. Long key press turns the handset OFF

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- “INT” -If residential systems: Internal calls off hook
(not used on KIRK systems 1500 and 500)
Turns loudspeaking on and off
- “R” - If off hook: Recall. If on hook: Read or write message
- “” - On hook/off hook and turn ON
- ” * ” - * (Change from pulse to DTMF on KIRK CCFP), Long = pause (-), extra long: change from pulse
to DTMF (a “T” appears in the display, GAP standard)
- “0-9” - Digits or letters in alphanumeric mode (names and messages)
- “ * “ - * , Choose uppercase or lowercase letters in alphanumeric mode

7. Turning the handset ON/OFF

ON: Press -key for 1/2 second. 

When the handset is turned on the  symbol is shown in the lower left corner of the display, if the handset is subscribed to a system. (For subscription, see 7.5.1)

OFF: Press the “ ” (MUTE) key for 3 seconds

Please note: When the handset has been outside the coverage area, it can take up to 30 seconds before the handset is back on the system after re-entering the coverage area.

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8. Making a call



For making or receiving calls the handset has to be subscribed to a system ( shown in display) (see chap. 7.5.1)

Press the -key, the -icon in the display will flash until connection is established

Dial the number

Pre-dial:



Press the number to dial (long press on »*« will make a pause, if necessary)

Press the -key, the -icon will flash until the connection is established

Telephone book:

Press the >-key (book-key) to enter the telephone book

Search for the number either by using the <-key or the >-key or by pressing the first letter in the name by using the digits 1 – 9 (See chap. 7.2)

Press the -key, the -icon will flash until the connection is established

Redial:

Redial / CLIP (CLIP = Calling Line Identification Presentation) stack:


Press the <-key (redial-key) to enter the redial/CLIP stack


Search for the number by using the <-key or the >-key, redial numbers are marked with REDIAL or name and clip numbers are marked either with CLIP or the name of the person who called and the LED is on

Press the -key, the -icon will flash until the connection is established

Using the handset in residential systems: (not in KIRK systems 1500 and 500)

Internal call post-dial:

Press the INT-key, the -icon in the display will flash


Dial the number of another handset on the base station, the -icon will flash until the connection is established


Internal call pre-dial: (not in KIRK systems 1500 and 500)

Press the number of another handset on the base station

Press the INT-key, the -icon will flash until the connection is established

8.1. Receiving calls

If the phone rings, the call can be answered by pressing the  key.
When ringing the LED flashes fast, and the display shows the CLIP (if presented). If it is an external call (or if no CLIP) the display shows "INCOMING CALL".


It is possible to stop the ring signal without answering the call. Press MUTE () and the ring signal is muted.
Display shows: »RINGER MUTED«.


8.2 During conversation

8.2.1 Volume regulation:

Use the two keys placed at the right side of the handset for volume control


8.2.2 Microphone mute:

Press the  key (mute-key), MIC. MUTED is showed in the display

Press the  key (mute-key) to enable the microphone again

8.2.3 Transferring the call to another handset:

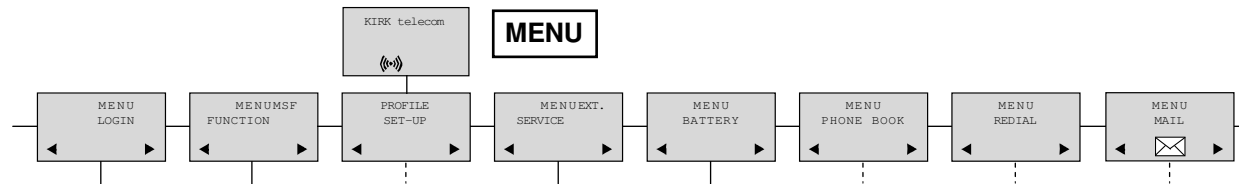
Press R, and dial new number

Press the  key and the call is transferred to the other handset

9. Menu structure

Pressing the MENU-key, enters or exits the menu structure. It has to be used if a “NO” or “CLEAR” is wanted in the menu structure.

Pressing the <-key, jumps to a lower level in the menu. When the lowest menu level is reached, it will store the setting and jump to a higher level. It has to be used if a “YES” is wanted.



The phonebook and redial menu can be accessed directly. The phone book by pressing the >-key (book-key) and the redial menu by pressing the <-key (redial-key).

9.1 Using the alphanumeric keyboard

The normal dialling keys (0-9) are used for writing the name to be placed in the telephone book. By pressing the keys a certain number of times the related letters or digits will appear in the display. Spaces are made by using the 0-key. Key * changes between uppercase and lowercase letters. The arrows will move the cursor. Left arrow is

also used for deleting (hold for 1 sec.) = delete. New letters can be inserted.

Change of key press and pauses lasting more than 1 second automatically moves the cursor to next position.

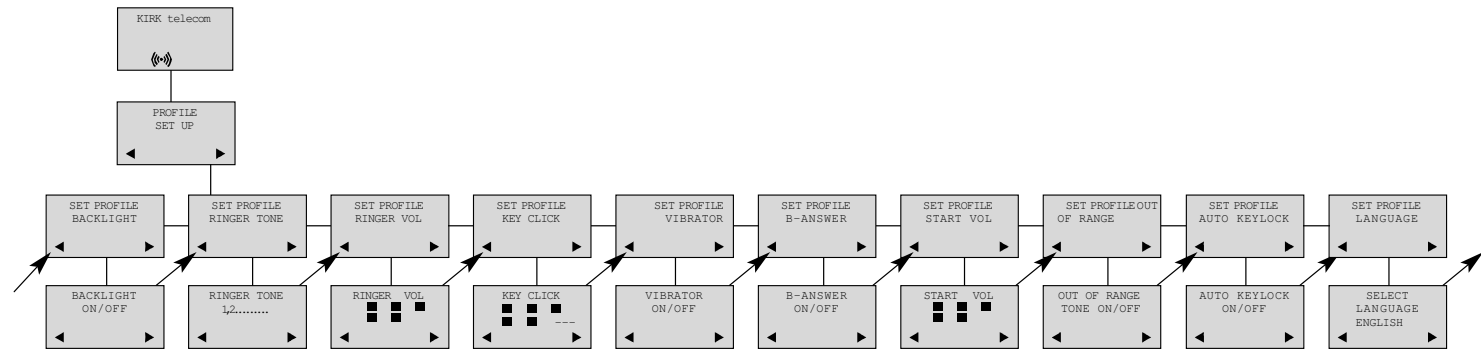
9.2 The key functions

Key	Capital letter	Small letter
1	? ! 1 - + * / = & () % ¿ ¡	? ! 1 - + * / = & () % ¿ ¡
2	A B C 2 Ä Å Æ Ç	a b c 2 ä å æ ç
3	D E F 3 È É Ê Ë	d e f 3 è é ê ë
4	G H I 4 Ì Í Î Ï	g h i 4 ì í î ï
5	J K L 5	j k l 5
6	M N O 6 Ñ Ò Ó Ô Õ Ø	m n o 6 ñ ò ó ô õ ø
7	P Q R S 7 ß	p q r s 7 ß
8	T U V 8 Ü Û Ü Û	t u v 8 ü ù ú û
9	W X Y Z 9	w x y z 9
0	[Space], . 0 : ; _ “ ‘ ^ ~	[Space], . 0 : ; _ “ ‘ ^ ~
*	A a	A a
#	# @ E \$ £ ¥ § < > { } [\]	# @ E \$ £ ¥ § < > { } [\]

9.3 Handset set-up

To set-up the handset press “MENU”. You are now able to switch between the different settings. Press “ ” when you find the setting you wish to change (or see). Change the setting according to your needs, confirm with “ ” and you automatically go to the next setting. Press “Menu” to finalize the setup.

Profile set-up (fig)



9.4 Handset functions

BACKLIGHT: Can be turned on/off using the < and >. Confirm with ()

RINGERTONE: Scroll through the 9 different ringertones using < and >. Confirm with ()

RINGER VOL: Turn the volume up and down using < and >. Confirm with ()

KEY CLICK: Turn the volume up and down using the < and >. Confirm with ()

VIBRATOR: Can be turned on/off using the < and >. Confirm with () (vibrator only works on the 4040)

B-ANSWER: Can be turned on/off using the < and >. Confirm with (). When turned on, the telephone automatically goes off hook when ringing. If subscribed to a KIRK system it automatically goes on hook when calls are terminated

REMARK: Automatic on-hook is only reliable under defined conditions related to the interface settings between the Control Unit and the PABX

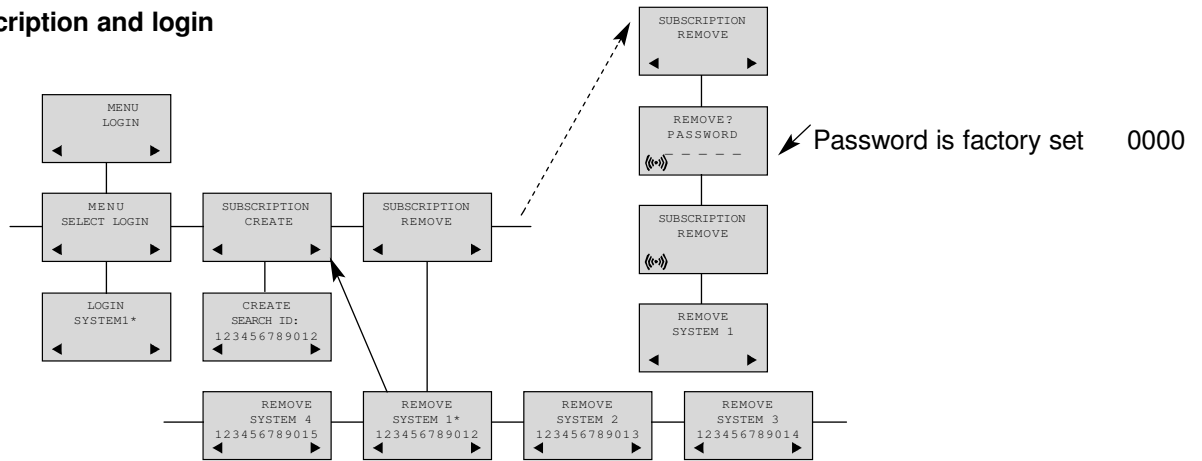
START VOL: Start volume can be adjusted using the < and >. Confirm with ()

OUT OF RANGE: The out of range indication can be turned on/off using the < and >. Confirm with (). With the out of range indicator turned on, a beep will appear when the telephone is moving out of range of the base station, and "OUT OF RANGE" will appear in the display

AUTO KEYLOCK: The auto keylock function can be turned on/off using the < and >. Confirm with (). With auto keylock turned on the handset will automatically lock the keys after 30 seconds. Press MENU * to activate the keys again

LANGUAGE: see page 38

9.5 Menu subscription and login



9.5.1 Create subscription

To make subscriptions, the system must allow subscriptions to be made. Some systems also require an Access Code (AC). If more than one system currently permits subscription, you will need to know the ID of the system to which you wish to subscribe. Access Codes and system ID's will be provided by the system administrator. Choose the SUBSCRIPTION CREATE meny to subscribe to a new system. (see 7.5/7.5.4)

Use the < and > keys to scroll between the ID's of the different systems available

During subscription the handset will search for free positions and perform subscription on the first free position

An alternative position can be chosen using < or >. Give in the AC (if required) using the keyboard, and press () If the subscription was successful, the startup text will be replaced by the standby text given into the system by the system administrator and ((••)) is shown in the display. If not, the subscription has failed and the procedure must be retried.

If the handset is already subscribed to 10 systems, you will have to remove a subscription before creating a new subscreption (see 7.5.3).

9.5.2 Login

The handset can be subscribed to 10 different systems enabling you to use the same handset on 10 different systems.

If you would like to change to another system, use the login menu to connect to another system number. The actual chosen system is shown with the red LED on.

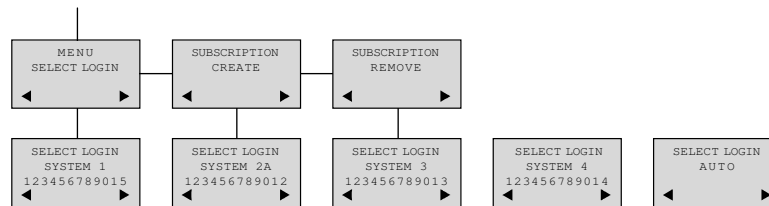
To change to another system use < or > and press to confirm

To be able to log on to a system, subscription to the system has to be established (See 7.5.1).

Under LOGIN/SELECT LOGIN only subscriptions will be shown. Free positions will not be shown.

9.5.3 Auto login

The handset can be subscribed to 10 different systems. If Auto login is chosen from the menu, the handset automatically selects a system. The selected system is marked with an "A".



Please note: Auto login should only be used in separate systems without overlaps.

9.5.4 Remove subscription

Subscriptions can be removed from the system in use and from the 9 other systems (if connected). Removing a subscription requires a password. Password is factory set at 0000. If the system in use is removed, it is necessary either to select one of the remaining systems or to subscribe to a new one. If one of the systems not chosen is removed, the handset remains connected to the system in use.

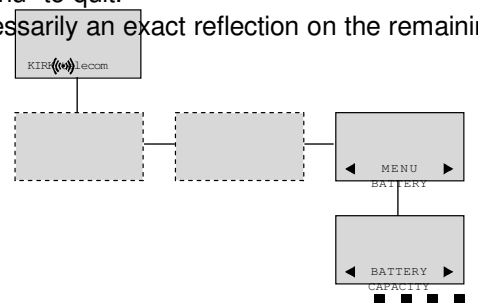
9.5.5 Change startup text

The startup text is predefined as e.g. "KIRK telecom" as factory default. This can be changed by using the following procedure: Press *** * * ***, BOOK, () and give in the new startup text by the keyboard followed by (). It is possible to insert 24 characters.

9.6 Battery capacity

In the battery menu it is possible to see the remaining battery capacity. For reading the correct capacity, the handset has to be removed from the charger for at least one hour. Press "Menu" and use the < or > keys to reach the Battery Menu. Press " " to enter the menu, and you can see the current status of the battery capacity. Press " " to return to the menu system or press "Menu" to quit.

The indication on the display is not necessarily an exact reflection on the remaining speech time, but only an indication of the voltage on the battery.



9.7 Redial

The handset has maximum 10 redial numbers and 10 Caller ID's placed in the same stack. Each number is only represented once. Enter the redial menu by pressing "<" (Redial) from the standby text. Repeated presses at the "<" button turn backward through the dialled numbers and CLIP numbers (from newest to the oldest). Right arrow moves in the opposite direction. It is also possible to reach the redial menu in the main menu. Numbers are named "REDIAL", "CLIP" or with the name.

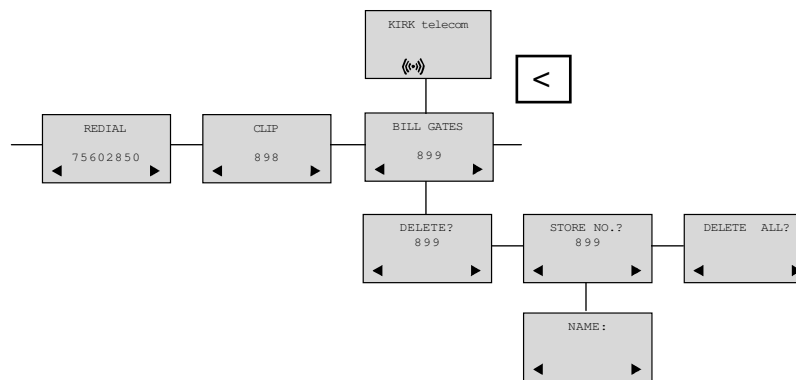
The LED will flash slowly if a new number (unanswered call) has arrived in the CLIP stack. If no number (no clip) is represented by a call only the LED will flash slow afterwards.

If you want to delete a "CLIP" or a "REDIAL" you scroll to the name/number and press » « twice.

The name/number is now deleted. If number is stored, it is moved to the telephone book. You can also delete all name/numbers using the "delete all?" function.

It is possible to edit the CLIP or redial numbers. Find the number you wish to edit and press the digits you want to add to the number, e.g. prefix = 0.

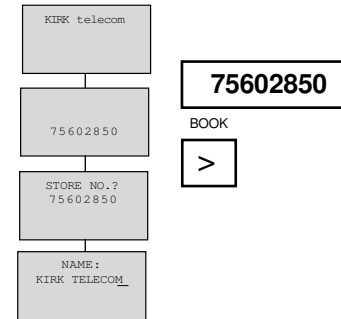
The Redial and CLIP stack Menu (fig)



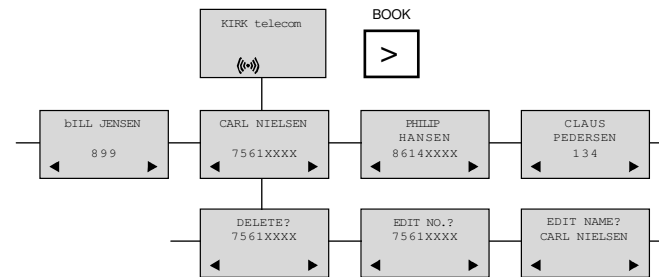
9.8 Book

Storing a number (max. 24 digits) in the telephone book is done by pressing the number to be stored (in on hook), then press the ">"- key followed by the " " key. The book can store up to 65 numbers with name. Typing of the name and a confirmation is required. After storing the telephone will go back to standby mode. If the display shows "MEMORY FULL", it is necessary to delete one or more numbers from the telephone book.

(See menu structure page 31)



Read BOOK numbers: The telephone book is entered by pressing ">"(book). For quick-search: press the first letter of the name (using 1-9)(see chap. 8.2). Call the displayed person by pressing the key. It is also possible to reach the telephone book menu in the main menu. Viewing and editing the telephone book can also be done while in conversation.



9.9 External services

External services are facilities placed in the main system, and only available if the handset is subscribed to a KIRK system. Under External services can be found; Clip stack, Delete clip stack and local Phone book. The Local Phone book is a common Phone book for all handsets subscribed to the actual system, and all handsets subscribed to the system are listed in the Phone book. Additional numbers can be added to the Phone book by the system administrator.

9.10 MSF Functions


MSF Functions are special functions, which are based on MSF (Message Service Function). The functions require special software in the main system.

9.11 Mail/Text Messages

Available in systems configured with the possibility of sending text messages

At the reception of a text message the envelope icon  appears in the display. The envelope icon is indicating one or more unread messages.

The text message is shown in the display, and when the message is read the envelope icon will disappear.

If the message contains a call-back number, this will be displayed on the bottom line of the display. As long as the call-back number is in the display, it is possible to activate the number by pressing the  key.


1st letter in the display, in front of the timestamp, shows the message status: read (R), unread (N) or locked (L). Mails include a maximum of 72 letters or digits (2 display screens of 36 each). Call-back no. is max. 24 digits (or letters for E-mail).

14 messages can be "stored" in the handset. When receiving a new message, the oldest unlocked will be deleted. Locked messages will not automatically be overwritten, but can manually be deleted. Maximum 7 messages can be locked.





Read a mail

Press the "R"- (MAIL) key followed by the  -key or enter the mail menu (in on hook condition)





If the message includes more than 36 letters or digits, the message will run over 2 display screens

Use the > -key to scroll. To see the **sender** of the mail, press the  -key. To leave the mail, press the MENU-key




Reply a mail

Open the mail by pressing the R-key followed by the  -key, press the  -key again and use the < >-keys to find the reply feature, press the  -key and you are then able to reply the mail. After writing your reply press the  -key to confirm

Forward a mail

Open the mail by pressing the R-key followed by the  -key, press the  -key again and use the < >-keys to find the forward feature, press the  -key twice and you are then able to write the number on the receiver. Confirm with the  -key

Delete all mail

Open the mail stack by pressing the R-key followed by the  -key, press the  -key again and use the < >-keys to find the delete feature, press the  -key and all mails are deleted

Delete a mail

Open the mail by pressing the R-key followed by the -key, press the -key again and use the < >-keys to find the delete feature, press the -key and the mail is deleted

Lock/unlock a mail

Open the mail by pressing the R-key followed by the -key, press the -key again and use the < >-keys to find the lock/unlock feature, press the -key and the mail is locked/unlocked

Write a mail

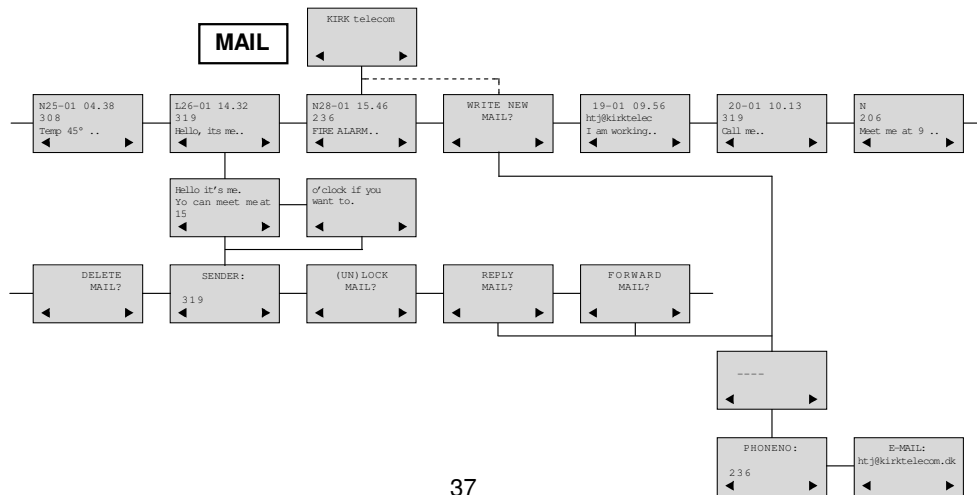
To write a new mail press the R (mail)-key, confirm with the -key and write your message. To send the mail press the -key, type the number of the receiver and confirm with the -key

If one or more mails are stored do as followed: Press the R (mail)-key followed by the >-key confirm with the -key and write your message. Press the -key, type the number of the receiver and confirm with the -key. The message is sent.

Note

In case a sent message is not received, the sender will get a message in the display.

Menu structure



9.12 Menu language

There are 6 predefined languages in the handset: English, German, French, Italian, Spanish and Dutch. If a 7th language is present this will be shown as "OPEN". The "OPEN" selection is a specific dealer language and is factory programmed.

10. Shortcuts

"SILENT": Press: MENU #. (No sounds) (Display shows SILENT)

"KEY LOCKED": Press: MENU * . (Display shows KEY LOCKED)

"PHONE BOOK": Press >(BOOK) key in standby

Name search in telephone book: Press the first letter in name and > (book) afterwards

Store a number: Press >(BOOK) after the number (in on hook)

"REDIAL " and "CLIP": Press <(REDIAL) key in standby

"MAIL": Press R(MAIL) key in on hook

MUTE temporarily the ringer: Press " (MUTE) when the telephone is ringing

MUTE the microphone: Press " (MUTE) when the telephone is off hook


RECALL: Press the INT key if residential system, else press the "R"-key

Pause(-): Hold * for one second

Change from pulse to DTMF(T): Hold * for 2 seconds

11. Information

11.1 Error tree

Problem	Check
The telephone freezes	Remove and replace the battery pack. Press  to turn on the telephone Do not remove or replace the battery in a potentially explosive atmosphere
The telephone does not ring	Check whether the ringer is SILENT or RINGER VOL. is OFF
The telephone cannot find a system ID at "SUBSCRIPTION CREATE"	Check whether the system is set to allow subscriptions
The telephone cannot subscribe even if system ID has been found	Check if Access Code is necessary
Not possible to turn on the telephone	Check if battery is connected. If yes, charge the battery
The telephone turn off when recieving a call and going off-hook	Charge the battery. If still a problem change the battery as it might be defective

11.2 Error information

Improper function of the handset might be related to the installation of the KIRK system or failures related to the main system. Before declaring a handset for repair, be sure that the main system is operating properly.

11.3 Warranty

The handset is covered by a normal warranty-solution, except the battery. The lifetime of the battery depends on the general use of the handset.

The handset is not covered by a general warranty if:

- The handset is exposed to water or metal dust
- The handset is mistreated
- The handset is exposed to unauthorised break-in

11.4. Technical information

Approvals

Acoustics: TBR 10
Radio: FCC PART 15, SUBPART D
Access profile: TBR 22 (GAP)
Safety: UL 60950-1

Size and weight

Size: 149 x 50 x 28 mm
Weight: 123 g including battery \pm 10 g

Capacity

Active talking time 12 hours
Stand-by time 120 hours

Temperature and air pressure

Operating temperature: 0-40°C
Air pressure: Normal atmosphere condition

Charger

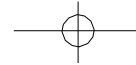
The AC power adapter used in connection with the handset charger 8464 2458 (orange) must **not** be connected to a voltage higher than 120 Volt AC.



11.5 Important safety instructions and product information

Before using your telephone equipment, you should always follow basic safety instruction to reduce the risk of fire, electrical shock and injury to persons, and damage to property.

- 1 Read and understand all instructions
- 2 Follow all warnings and instructions including those marked on the product
- 3 Unplug this product before cleaning. Do not use liquid cleaners or aerosol cleaners. Use damp cloth for cleaning
- 4 Do not install the telephone equipment in the bathroom or near a wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool
- 5 Slots or openings in the cabinet back and bottom of the equipment are provided for ventilation to protect it from overheating. These openings must not be blocked or covered.
- 6 The product should be operated only from the type of power source indicated on the instructions. If you are not sure of the type of power supply, consult your dealer or local power company.
- 7 Do not overload wall outlets and extension cords as this can result in fire or electrical shock.
- 8 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in fire, electrical shock, or injury. Never spill liquid of any kind into this product.



- 9 To reduce the risk of electrical shock or burns, do not disassemble this product. Opening or removing covers may expose you to dangerous voltages, dangerous electrical current, or other risks. Incorrect reassemble can cause electrical shock when the appliance is subsequently used. If the product need repair, consult your dealer.
- 10 Refer servicing to qualified service personnel under the following conditions:

If liquid has been spilled into the product

If the product has been exposed to rain or water

If the product does not operate normally when following the operating instructions in the manual.

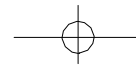
Adjust only those controls that are covered by the operation instructions.

Improper adjustment of other controls may result in damage and will often require extensive work by qualified service personnel to restore the product to normal operation.

If the product has been dropped or cabinet has been damaged

If the product exhibits a distinct change in performance

- 11 Avoid using telephone during an electrical storm. There may be a risk of electrical shock from lightning
- 12 Do not use the telephone to report a gas leak in the vicinity of the leak



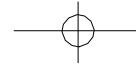
- 13 Do not place the unit near microwave ovens, radio equipment, or non-ground connected televisions. These appliances may cause electrical interference to the base or handset
- 14 The unit must be installed on a hard, plane surface and connected to a functional 120 volt AC power netadapter and plug the adapter into the power outlet
- 15 The system will not operate in the event of a blackout. Please keep a backup phone for emergencies.

Exposure to sunlight, heat and moisture

Do not expose the unit to direct sunlight for long periods. Keep away from excessive heat and moisture.

Accessories approved

Use only approved accessories (See 1. Warnings). The operation of non-approved parts cannot be guaranteed and may even cause damage.



Power failure

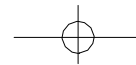
In the event of a power failure, you cannot use the wireless solution to make or receive calls

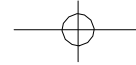
NOTICES

NOTICE Installing: Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

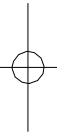
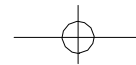
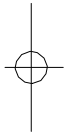


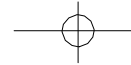


CAUTIONS Connections: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

If your telephone equipment causes harm to the telephone network, the telephone operator may ask you to disconnect the system from the line until the problem has been corrected or they may discontinue your service temporarily. If possible, they will notify you in advance, but if advance notice is not practical, you should be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone operator may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your telephone system. If they do and it is possible, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service. If you experience trouble with this telephone system, disconnect it from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.





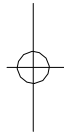
FCC Note:

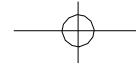
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

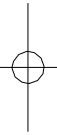
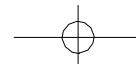
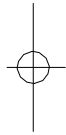


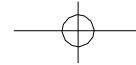


IC Note:

Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met.



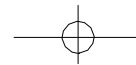
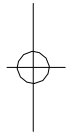


CAUTION Privacy:

Privacy of communication may not be ensured when using this phone.

Power Outage: In the event of a power outage, your cordless telephone will not operate. The cordless telephone requires electricity for operation. You should have a telephone which does not require electricity available for use during power outages.

Information to user: The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



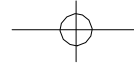
LIMITED WARRANTY

This limited, non-transferable warranty is provided to the original purchaser. The product is warranted to be free from defects in materials and workmanship under normal installation, use and service for a period of one (1) year from the date of purchase as shown on the purchaser's receipt.

Our obligation under this warranty is limited to repair or replacement (at our option) of the product or any part(s) which are defective provided that the product is returned to the original place of purchase or an authorized service location during the warranty period. Products returned must be accompanied by a copy of the purchase receipt. In the absence of a purchase receipt, the warranty period shall be one (1) year from the date of manufacture.

Repair or replacement of the product is your sole and exclusive remedy.

If the product is repaired, reconditioned component parts or materials may be used. If the product is replaced, we may replace it with a new or reconditioned product of the same or similar design. The repaired product will be warranted for either (a) 90 days or (b) the remainder of the original one (1) year warranty period, whichever is longer.

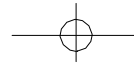


This warranty does not apply to the defects outside of our control, including but not limited to acts of God, fire, flood and damage while in transit to service facility. We do not warranty that the product will be compatible with any telephone equipment, systems or party lines.

This warranty shall be void if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than our authorized service facility, or any violation of instructions furnished by us.

This warranty is also void if this product is removed from the country in which it was purchased by the original purchaser, if it is used in a country in which it is not registered for use, or if it is used in a country for which it was not designed. Due to variations in telephone systems and communications laws, this product may be illegal for use in some countries.

We assume no responsibilities for damages or penalties incurred resulting from the use of this product in a manner or location other than that for which it was intended.



THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED. ANY IMPLIED WARRANTIES INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY. WE DISCLAIM ANY LIABILITY FOR DAMAGES FOR LOSS OF USE OF THE PRODUCTS, LOSS OF TIME, INCONVENIENCE, INJURY TO ANY PERSON, OR DAMAGE TO PROPERTY CAUSED BY THE PRODUCT, LOSS OF REVENUE OR PROFIT OR DAMAGES FOR ANY FAILURE TO PERFORM. IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES EVEN IF WE ARE ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

This warranty is the sole and exclusive warranty provided for the product. There are no other express warranties. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

The product must not be disposed of with unsorted waste, but must be collected separately.

Declaration of Conformity

Manufacturer KIRK telecom A/S
 Langmarksvej 34
 8700 Horsens
 Denmark

Product		Type
KIRK 4080	EX handset	0234 80XX

Type number

XX can vary (numbers and letters) depending on software and design.

Telecom requirements

The transceivers described above comply with the essential requirements of the R&TTE directive 99/5/EC if used for the intended purpose.

Applied standards

	Standard	Date
UL 60950-1	Health and Safety requirements	July 7. 2006
FCC PART 15	Radio Frequency Devices Subpart 15	10-1-02 Edition
TBR 22	Generic Access Profile (GAP)	1997
TBR 10	General Terminal Attachment requirements	July 1999

Application, Intended purpose

The KIRK 4080 is a UPCS DECT based handset, designed to be used in connection with KIRK wireless communication solutions.

Meaning of Conformity

For the application of the equipment in areas which have a potentially explosive atmosphere, the manufacturer declares on his own responsibility that under the claimed type of protection the equipment is in conformance with the relevant standards. The equipment may only be used under conditions that are mentioned in the EX Type Examination Certificate.

Electrical apparatus for potentially explosive atmospheres

Standard		Date
UL 60079-0	General requirements	August 15, 2005
UL 60079-11	Intrinsic Safety " i "	December 2, 2002
CAN/CSA-E60079-0:02	General requirements	March 2002
CAN/CSA-E60079-11:02	Intrinsic Safety " i "	March 2002
ANSI/ISA-12.12.01-2000	Hazardous (Classified) Locations	April 6, 2001
CSA C22.2 No. 213-M1987	Hazardous Locations Industrial Products	March 1987

Notified Body

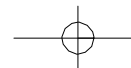
Identification number: **XXXX** **TBD**

Examination Certificate

XXXX **TBD**

Validity

This declaration is only valid if accompanied with an Examination Certificate obtained from a Notified Body.



Quality Assurance

The product is designed and produced by a manufacturing organisation, which is certified on ISO 9001: 2000. These products are in conformance with the full quality assurance procedures as mentioned in annex III, IV and VII of the ATEX directive 94/9/EC and annex V of the R&TTE directive 99/5/EC and bears the marking XXXX. The number XXXX is the identification number of UL International, Warrington UK. Compliance with the requirements of ISO 9001: 2000 and IEC Ex/0D005/vers. 2 are assessed and certified by the Notified Body:

UL International
Warrington UK

Technical Director :

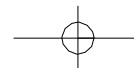
Quality Manager :

Signed :

Signed :

Date :

Date :



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Warning

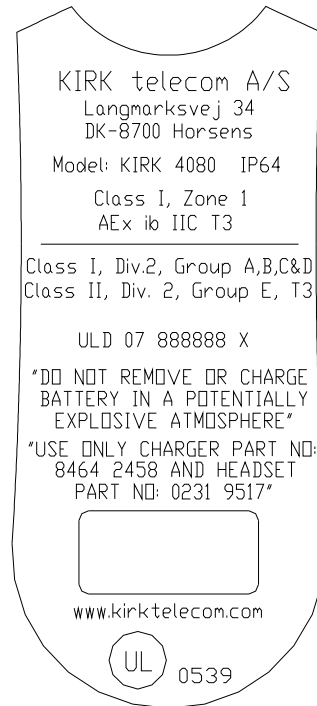
- Please consult your system manager for instruction before using KIRK 4080
- Do not charge KIRK 4080 in a potentially explosive atmosphere
- Use only the dedicated charger **8464 2458** (orange) for charging KIRK 4080
- Do not change the battery in a potentially explosive atmosphere
- Use only the dedicated battery pack **8474 3416** (orange) for battery replacement
- The AC power adaptor used in connection with the charger must **not** be connected to a higher voltage than 120V AC.
- Do not open KIRK 4080 in a potentially explosive atmosphere
- Use only headset part no. **0231 9517** in connection with KIRK 4080
- The leather pouch **0231 9543 must** be used with KIRK 4080:
 1. In dry areas with humidity conditions of less than 60%
 2. When the user is wearing clothes that could cause electrostatic charging of the handset

- If defects occur, remove KIRK 4080 immediately from the potentially explosive atmosphere
- Only KIRK telecom A/S may repair and service KIRK 4080
- Relevant data concerning repairs must be logged
- For traceability it is advisable to keep a record of type- and serial numbers of the handsets, as well as the name of users of the handset

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Name and address of manufacturer

KIRK 4080	Product name
IP64	IP64 Classification
Class I	Classification for Flammable Gases
Zone 1	Area Classification for Flammable Gases
AEx	KIRK 4080 is approved according to International standards ib Intrinsic safe, ib category
IIC	Equipment group II, ib group C (gas group C)
T3	Temperature group T3



Class I	Classification for Flammable Gases
Div.2	Area Classification for Flammable Gases
Group A,B,C&D	Gas Groups
Class II	Classification for Combustible Dusts
Div.2	Area Classification for Combustible Dusts
Group E	Dust Groups
T3	Temperature group T3
ULD 07 888888	Name of notified body/year/certification number
X	Special warnings concerning the use of KIRK 4080 exist, please refer to the users guide
UL XXXX	UL Warrington identification number

Class I, Div.2, Group A,B,C&D
Class II, Div. 2, Group E, T3

ULD 07 888888 x
(DO NOT REMOVE OR CHARGE BATTERY IN A POTENTIALLY EXPLOSIVE ATMOSPHERE)

USE ONLY CHARGER PART NO: 8464 2458 AND HEADSET PART NO: 0231 9517

KIRK telecom A/S
Langmarksvej 34
DK-8700 Horsens
www.kirktelecom.com

Class I, Zone 1
ATEX to IEC 13

Class I, Div.2, Group A,B,C&D
Class II, Div. 2, Group E, T3

ULD 07 888888 x
DO NOT REMOVE OR CHARGE BATTERY IN A POTENTIALLY EXPLOSIVE ATMOSPHERE

USE ONLY CHARGER PART NO: 8464 2458 AND HEADSET PART NO: 0231 9517

www.kirktelecom.com



If in doubt about installation, configuration or the correct functioning of the product please consult the manufacturer:

KIRK telecom A/S
Customer Support
Langmarksvej 34
8700 Horsens
Denmark
Tel: +45 75602850
support@kirktelecom.com

