

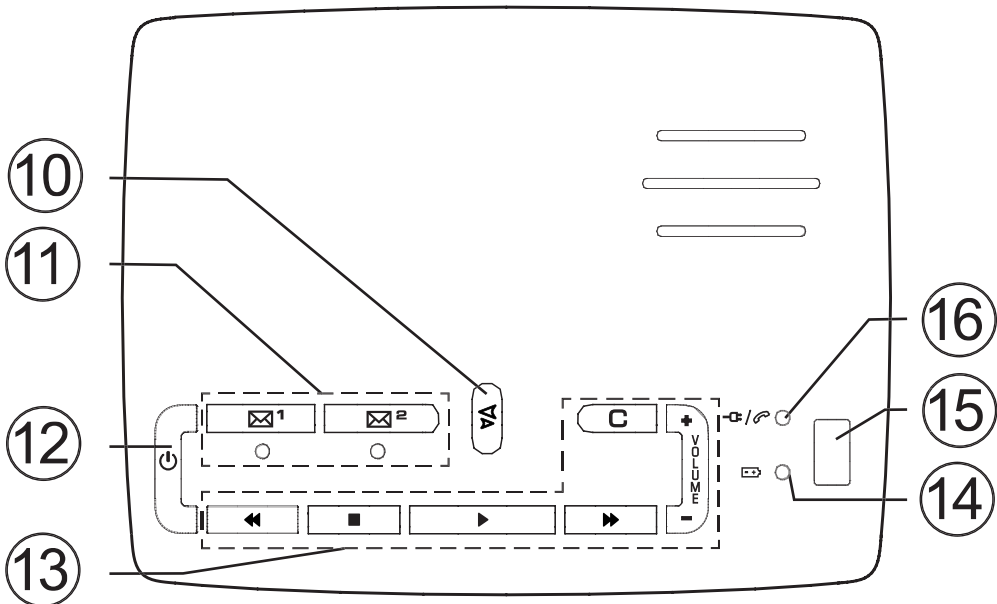
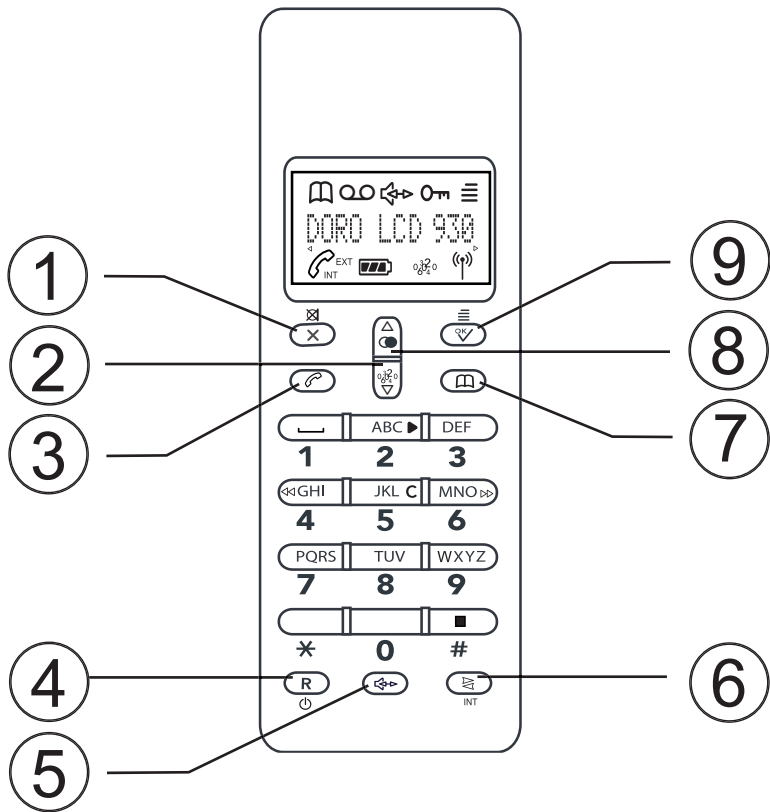
DORO

design on speaking terms

Manual



doro 930R



English (see pages 4-43)

- | | |
|--|--|
| 1 Mute/Erase button | 10 Page button |
| 2 Scroll down and Caller Identification button | 11 Mailbox 1 and 2 buttons and indicator lights |
| 3 Talk button | 12 Off/On and OGM programming/ settings |
| 4 Recall button and Handset Off/On button | 13 Answering machine functions buttons (please refer to page 27) |
| 5 Hands free button | 14 Charging indicator light |
| 6 Intercom button | 15 Display (Call Counter) |
| 7 Phone Book button | 16 Power (permanently on)/In Use (flashing) |
| 8 Scroll up and Redial/Pause button | |
| 9 OK/Menu button | |

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Installation

Unpacking

The package contains:


- Handset
- Base unit
- 2 batteries
- Mains adapter
- Line cord

Models with an extra handset (+1) also include an additional handset, batteries, charger and mains adapter*.


IMPORTANT!

*Only use with the supplied power adapter/s. *Connect the correct adapter according to the colour indication/markings.*


Connection

1. Connect the mains adapter to the  socket on the base unit and to an electrical wall socket.
2. Carefully remove the battery cover from the back of the handset by inserting a pointed object into the small hole in the bottom of the handset, e.g. a pen or similar. Insert the batteries into the handset and ensure correct battery polarity is observed, replace the battery cover.



3. Place the handset in the base unit, with the keypad facing outwards. Once the handset is correctly positioned in the base unit, a beep will be heard.
4. Leave the handset to charge initially for 24 hours before use.
5. Plug into the telephone network wall socket.
6. Connect the line cord to the telephone plug and the  socket on the base unit.
7. Select a language following the description on page 19.

Only for models with an extra handset (+1):

8. Connect the additional charger's mains adapter* to the  socket on the charger and to an electrical wall socket.
9. Carefully remove the battery cover from the back of the handset by inserting a pointed object into the small hole in the bottom of the handset, e.g. an unfolded paperclip. Insert the batteries into the handset and ensure correct battery polarity is observed, replace the battery cover.
10. Put the additional handset in the charger, with the keypad facing outwards.
11. Leave the handset to charge initially for 24 hours before use.

Please note!

*Under power failure conditions this telephone will not operate. Please ensure that a separate telephone not dependent on local power is available for emergency use. Do not place the base unit close to other electrical equipment such as TV sets, computer screens, telecom equipment, fans etc. This will minimise the risk of interference. Do not place the base unit in areas where it will be exposed to direct sunlight or other major heat sources. Only use with the supplied power adapter/s. *Connect the correct adapter according to the colour indication/markings.*

Installation

Wall mounting

The base unit can be wall mounted. Attach the enclosed wall bracket to the underside of the base unit. A click will be heard as it locks into place. To remove the wall bracket, press the plastic button on the underside of the base unit.

Belt clip

A belt clip is fitted to the back of the handset, allowing the handset to be attached to a belt, shirt pocket or similar.


Battery

The telephone is supplied with environmentally friendly nickel metal hydride (NiMH) batteries – 2 x AAA 1.2V. As with all batteries, performance may degrade over time; should you notice that the standby time has reduced considerably or there are signs of leakage, the battery pack should be replaced.

Fully charged batteries will last for approx. 170 hours in standby or approx.

12 hours' call time. These operation times apply at normal room temperature.

Completely discharged batteries will take about 10 hours to fully recharge.

Please note that the battery charge indicator in the handset display flashes while charging and will stop when the battery is fully charged. The indicator  on the base unit will stay lit as long as the handset is located in the base unit, it does not go out when the battery is fully charged.


The base unit has an automatic charging mechanism that prevents the batteries from being overcharged or damaged by prolonged charging.

Please note!

The recharging system used in this model may result in the handset and the batteries warming up. This is normal and will not harm the equipment.

When the telephone is installed for the first time, the batteries must be charged for 24 hours before using the telephone. Use original batteries only. The guarantee does not cover any damage caused by incorrect use of batteries. Please dispose of any batteries in a responsible and environmentally friendly manner.

Turning the handset On/Off


Press and hold the  button for a few seconds to turn the handset off or on.

When the handset is turned off, no calls can be made or received. The handset is designed to be always turned on, i.e. it is not necessary to turn it off overnight.

However, we recommend turning the handset off if it is not to be used for a prolonged period of time, e.g. during a holiday. If the batteries run low, the handset will turn off.

Installation

Battery charge indicator

The symbol  in the display indicates when it is time to recharge the batteries. The indicator has three segments, which disappear one by one as the battery charge decreases. When the battery is running low, a warning signal sounds. If the handset is not recharged at this time, the phone will cease to function until it is recharged.

 will only be displayed when the battery is fully charged.

Range

The range of the telephone varies depending on different factors in the surrounding environment. Radio waves transmitting the call may be hindered by obstructions or signal reflections that can reduce the range.

Specified ranges require unobstructed transmission between the handset and the base unit. In such ideal conditions the telephones range can be up to 300 metres. In a densely populated area, house, apartment, etc. the range of the telephone will be reduced. Try to get the best range by relocating the base unit. The ideal location for the base unit is a high and unobstructed place.

Out of range warning

If during a call the handset is carried too far from the base unit a warning tone will be heard. Unless the handset is moved closer to the base unit within a few seconds the call will be lost.

Headset

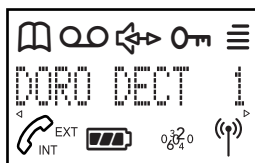
When using an optional headset, there is no change in the way a call is received or made. When a headset is connected, the microphone and earpiece of the handset are automatically disconnected. This telephone supports the use of the mute button on the headset cable.










Please note

Immediately reduce the ringer and earpiece volume on the handset when connecting an optional headset. The performance of a non-original DORO headset cannot be guaranteed.



Installation

The display



Indicator	Function
	Phone Book
	Message indication can be erased manually by turning off the handset.
	Hands free Function
	Key Lock
	Menu
	Indicates that a handset is connected (during a call).
EXT	External call
INT	Intercom Function
	Battery charge indicator
	New number(s) in Caller ID log.
	Shown within reception range. Flashes when out of range.

Base unit indicators

	Steady light in standby mode and flashes during call and when ringing.
	Steady light as long as the handset is placed in the base unit, i.e. it will not go out when the battery is fully charged.



The display on the base unit is explained on page 27.

Operation



Important!

Please note when programming all references to press = to press once and then immediately release the button.

Making a call

1. Enter the required telephone number. Mistakes can be erased using **X**.
2. Press  the telephone number will now be dialled.
3. Press  again to terminate the call.

Receiving a call

1. Wait for the handset to ring.
2. Press  to answer the call.
3. Press  again to terminate the call.

Please note!



If the telephone cannot connect to a line, a warning tone will be heard. The problem may be due to the batteries running low, the handset being too far from the base unit or all of the transmission channels being engaged.

Redial button

The 5 most recently dialled numbers can easily be redialled using .

1. Press  and scroll using / to the required telephone number
2. Press  the displayed telephone number will now be dialled.

Volume control

The volume can be adjusted during a call by pressing /.

Please note!

You MUST wait until the call is established if you wish to change the earpiece volume. The earpiece volume cannot be adjusted during the dial tone period or when transferring an ongoing call between handsets.

Mute button

The microphone can be muted during a call by pressing **ⓧ**. Press **ⓧ** again to re-activate the microphone.

MUTE will be displayed for as long as this function is active.

Paging

Pressing **≡** on the base unit will activate the paging signal on the handset. This function is used to help locate the handset or to page the person carrying the handset. The signal will stop automatically after a while or if any button on the handset is pressed. The page can also be cancelled by again pressing **≡** on the base unit.

Key lock

This function locks the push buttons on the handset to prevent unintentional usage.

1. Press **✓** and **ⓧ** the display will show **OK**.
2. To deactivate the key lock press **✓** and **ⓧ** again.

Calls can still be received even if the key lock is active. When the call is finished the handset returns to locked mode.

Timer

Within approximately 15 seconds after the connection of a call, a timer will be shown on the display. The timer helps you keep track of how long the call lasts.


Recall








Access to additional network services can be gained by using the recall button **R**, **ⓧ** and **#** keys. Contact your network operator for more information.

Press the recall button **R** followed by the extension number to when connected to a PBX (TBR only).

Operation

Hands Free function

The hands free button  is located on the front of the handset, this allows calls to be made without having to hold the handset. If you wish you can switch between handset and hands free during a call.

1. Press , the hands free function will be activated ( will be displayed) and dial tone will be heard through the speaker.
2. Dial the required telephone number.
3. Place the handset on a hard flat surface, e.g. a table, shelf or similar, with the display facing up.
4. Speak towards the microphone on the lower front edge of the handset (max 1 metre away).
5. The volume may be adjusted during a call using /.
6. To switch to normal handset conversation press .
7. To switch back to hands free press  again.
8. Press  to terminate the call.

Please note!

Please remember that in hands free speaker mode, it is only possible for one person at a time to talk. The switchover between speaker and microphone is automatic and dependent on the sound level of the incoming call and the microphone respectively.


It is therefore essential that there are no loud noises in the immediate vicinity of the telephone, as this will disrupt the speaker function.

Caller Identification

Explanation of Caller ID

Caller ID allows you to see who is calling before you answer a call, while you are on a call and see who has called in your absence. If the number received is stored in the phone book with a name attached, the name will be displayed.

The call log will store up to 20 telephone numbers. When the log is full the oldest number will be deleted automatically, as the new call is logged.






New calls are indicated in standby mode with a flashing  in the display.

While scrolling through the Caller ID log the start/end of the list will be indicated by a long beep.

Please note!


In order for numbers to be shown, you must subscribe to the Caller ID service provided by your network operator and a current subscription in place. Contact your operator for more information.

Retrieving and dialling incoming numbers.

1. Press .
2. Scroll / to the required telephone number. Press  the time and date the call was logged will now be displayed.
3. Press  to dial the displayed number, or press and hold **x** to return to standby mode.

Messages

Besides showing telephone numbers, the display may also show a number of messages.

UNAVAIL.	It is an International call or a call from a PBX (no information received)
WITHHELD.	Information on the number is blocked. The call could also be from a PBX.
	A message has been left at your network message service. This feature may not work in all countries.

Caller Identification

Other information

Erase number

1. Press $0\text{8}\text{2}_4^0$.
2. Scroll $\blacktriangle/\blacktriangledown$ to the required telephone number.
3. Press OK until ADD is displayed.
4. Scroll $\blacktriangle/\blacktriangledown$ to DELETE.
5. Press OK to confirm or hold down **X** to return to standby.

Please Note!

When a number is stored in the phone book, step 3. Press OK repeatedly until DELETE is displayed, then press OK to confirm deletion.




Transferring Numbers to the Phone Book

1. Press $0\text{8}\text{2}_4^0$.
2. Scroll $\blacktriangle/\blacktriangledown$ to the required telephone number.
3. Press OK repeatedly until ADD is displayed.
4. Press OK . The display will now show NAME?
5. Enter a name by pressing the corresponding number button until the required letter is displayed, see the table on page 15. Press **X** to delete or make changes.
6. Press OK to confirm or hold **X** down to return to standby.

Menu

Description of the menu system

The telephone has a menu system, controlled by the following buttons:

-  Access menu system. Move to the next setting and/or confirm your selection.
-  Scroll through the menu alternatives.
-  Used to erase, correct, go back or hold down to exit the menu system.

The menu contains the following main headings:

- TAM MENU This setting allows you to listen to the answering machine.
- PHONEBK Under this setting you can store or change entries in the phone book.
- HANDSET Setting the handset ring signal, language, button sound, etc.
- SETUP Setting the base unit ring signal, PIN code and reset.
- REGISTER Used to register extra handsets.

Phone Book

Using the phone book

Use the phone book to store names and telephone numbers. A stored phone number can be dialled using fewer keystrokes than if dialled manually. If you subscribe to a Caller ID service, the name/number of the caller will be shown when receiving an incoming call (for those numbers stored in the Phone book).

The phone book will store 50 sets of names and phone numbers. Every name can be up to 8 characters in length, and telephone numbers can be up to 20 digits in length.











Letters

Each number key has been allocated certain letters.

The phone book is also arranged according to the order below, which does not follow the standard for all languages.

Button	Letters/symbols
1	[Space character] - _ 1 ç ø
2	A B C a b c 2 à ä Å æ
3	D E F d e f 3 è é Ê
4	G H I g h i 4 ì
5	J K L j k l 5
6	M N O m n o 6 ñ ö ò Ñ Ö
7	P Q R S p q r s 7 Æ
8	T U V t u v 8 ù ü Ü
9	W X Y Z w x y z 9 Å å





Storing names/numbers

1. Press .
2. Scroll / to PHONEBK. Press .
3. Scroll / to ADD. Press .
4. Enter name. Press the corresponding number button one or more times for the first letter of the name (see the table above). If the next letter is not on the same button, you can immediately press the button containing the next letter, without waiting. Use **X** to erase or make changes.
5. Press .
6. Enter the telephone number, including the area code. Press .
7. If you want to store more numbers, press  or hold **X** down to return to standby.








If you need to insert a pause in the telephone number, press and hold  until the display shows P.

Phone Book













Dialling from the phone book

1. Press .
2. Scroll / through the phone book. It is also possible to perform a quick search by pressing the button corresponding to the first letter in the name (see the table on the previous page).
3. Press  the displayed number will now be dialled.












Dialling from the phone book via the menu

1. Press .
2. Scroll / to PHONEBK. Press .
3. Scroll / to LIST. Press .
4. Scroll / through the phone book.
5. Press  the displayed number will now be dialled.

Changing phone numbers/names

1. Press .
2. Scroll / to PHONEBK. Press .
3. Scroll / to MODIFY. Press .
4. Scroll / to the name/number you wish to modify. Press .
5. Delete the name using **x**, press the corresponding number button one or more times for the first letter of the name (refer to the table on the previous page). If the next letter is not on the same button, you can immediately press the button containing the next letter, without waiting. Press .
6. Delete the number using **x**, enter the new telephone number.
7. Press .
8. Press and hold **x** to return to standby.

Erasing a phone book entry

1. Press .
2. Scroll / to PHONEBK. Press .
3. Scroll / to DELETE. Press .
4. Scroll / the name/number you wish to delete. Press .
5. Press  again twice to confirm.
6. Press and hold **x** to return to standby.

Handset settings














Warning tones

Here you can switch the unit's various warning signals on or off.

KEYTONE Heard when the buttons are pressed.











LOW BATT Heard when the battery is running low.

OUTRANGE Heard if the handset is taken out of range.



1. Press .
2. Scroll / to **HANDSET**. Press .
3. Scroll / to **BEEP**. Press .
4. Scroll / to the desired function (see above). Press .
5. Scroll / to either **ON** or **OFF**. Press  to save.











Handset ringer volume

The handset ringer volume can be set to different levels.

1. Press .
2. Scroll / to **HANDSET**. Press .
3. Scroll / to **RING VOL**. Press .
4. Scroll / to the required setting. Press  to save.

Volume control



The volume may be adjusted during a call using /, or in the menu.

1. Press .
2. Scroll / to **HANDSET**. Press .
3. Scroll / to **EAR VOL**. Press .
4. Scroll / to the required setting. Press  to save.

Handset settings











Type of ringer melody

There are several different types of handset ringer melodies for both external (EXT) and internal (INT) calls.

1. Press .
2. Scroll / to HANDSET. Press .
3. Scroll / to EXT MEL or INT MEL. Press .
4. Scroll / to the required setting. Press  to save.

Auto - Answer









When activated this feature allows incoming calls to be connected immediately the handset is lifted from the base unit.

1. Press .
2. Scroll / to HANDSET. Press .
3. Scroll / to AUTO ANS. Press .
4. Scroll / to the required setting. Press  to save.

Handset settings











User name

The text displayed in standby mode can be customised. Maximum 8 characters.

1. Press .
2. Scroll / to HANDSET. Press .
3. Scroll / to NAME. Press .
4. Delete the name using **x**, press the number button corresponding to the first letter of the name required one or more times, see the table on page 15.
5. Press  to save.

Language











Display texts can be shown in eleven different languages.

1. Press .
2. Scroll / to HANDSET. Press .
3. Scroll / to LANGUAGE. Press .
4. Scroll / to the required language. Press  to save.

Settings











Base unit ringer volume and melody

The base unit ringer volume and melody can be customised.

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to BASE VOL or BASE MEL. Press .
4. Scroll / to the required setting. Press  to save.












Select base unit

You can select which base unit you wish the handset to communicate with, alternatively the unit can automatically select which base unit to communicate with (AUTO).

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to SEL BASE. Press .
4. Scroll / to the required setting. Press  to save.

De-registering another handset











Any additional handset can easily be de-registered from a base unit.

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to DEL HS. Press .
4. Enter the current PIN number (0000 when supplied). Press .
5. Scroll / to the handset number you wish to de-register.
6. Press .

Settings

PIN number















The PIN number is a four-digit code that you select to protect against unauthorised use of certain functions.

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to PIN CODE. Press .
4. Enter the current PIN number (0000 when supplied). Press .
5. Enter your new PIN number. Press .
6. Enter the new PIN number again. Press .











Prioritise (preselection)

This allows you to select on incoming calls whether all handsets should ring simultaneously or if only one handset should initially ring (i.e. have priority).

Define prioritised handset

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to PRIORITY. Press .
4. Scroll / to SELECT. Press .
5. Scroll / to the required setting. Press .
6. Select the desired number of rings.
7. Press  to save.











Turning Handset Priority On/Off

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to PRIORITY. Press .
4. Scroll / to the required setting (ON or OFF).
5. Press  to save.

Settings











Dialling method (UK only)

You can select either tone or pulse dialling, the standard setting is tone. In normal domestic use, this setting should not require changing.

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to DIALMODE. Press .
4. Scroll / to the required setting.
5. Press  to save.

Recall button timing

In some advanced PBX system the recall timing may require adjustment. In normal domestic use, this setting should not require changing. RECALL 1=100ms (normal) and RECALL 2=270ms (600 ms for AU & NZ).

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to RECALL. Press .
4. Scroll / to the required setting.
5. Press  to save.

PBX function

This telephone has a PBX function that will automatically insert a pause between the first and second digits of the telephone number before dialling. For Example:













When the function is activated (see below), dialling a phone number ie: 0123456, the phone will dial 0 followed by a pause, and then the remaining part of the number 123456.

The telephone can handle two prefixes of up to 4 digits. PREFIX 1 is the normal setting and PREFIX 2 is used if a second prefix and pause interval are required.

Settings














An example of how to use the prefix function:

The prefix “9” is preset. When dialling a phone number: “9123456”, the phone will dial: “9” followed by a pause while the external line is connected, and then the remaining part of the number: “123456”. It makes no difference if the number is dialled manually or by using speed dialling. Numbers not starting with “9” (in this example) will be dialled as usual, without any pauses.

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to PABX. Press .
4. Scroll / to the required setting (PBX 1 or PBX 2). Press .
5. Enter the current PIN number (0000 when supplied). Press .
6. Enter the required prefix using the handset keypad. Press **x** to erase or make changes.
7. Press  to save.









Pause time

Some telephone exchange systems may require a pause in the dialling sequence, normally these settings should not require changing.

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to PABX. Press .
4. Scroll / to PAUSE. Press .
5. Scroll / to the required setting (3 or 5 seconds).
6. Press  to save.

Reset handset defaults

An individual handset can be reset to the original factory default condition resulting in loss of memories and all programmed settings, other registered handsets will not be affected.

1. Press .
2. Scroll / to SETUP. Press .
3. Scroll / to DEFAULT. Press .
4. Enter the current PIN number (0000 when supplied).
5. Press .










Registration

Registering a new handset

To enable the use of more than one handset a registration has to be performed. Every new handset must be registered in order to use the current base unit, each base unit can handle up to 5 handsets.

On registration the handset is allocated a handset number for use on the new base unit, the handset numbers are 1-5.

Additional handsets can be purchased from your local retailer. Please refer to the Expanded Systems chapter for more information.

1. Press and hold  on the base unit until  starts flashing. Registration mode will remain active for approximately 90 seconds.
2. Press .
3. Scroll / to REGISTER. Press .
4. Select the base unit you wish to register with by pressing the corresponding number button -. Previously registered base numbers will flash.
5. Enter the current PIN number (0000 when supplied). Press .
6. If the registration is successful the handset will return to standby mode in a few seconds (max 90 secs).

Expanded System

General information

DECT (Digital Enhanced Cordless Telephone) is a digital method of transmission for cordless telephones. You can:

- Use up to 5 handsets with the same base unit.
- Make internal calls (intercom) and transfer calls between handsets using the same base unit.
- Use (register) up to 4 base units with the same handset.

Additional handsets can be purchased from your local retailer.

This model is GAP (Generic Access Profile) compatible, which means that the handset and the base unit can both be used with most other GAP-compatible units irrespective of manufacturer. However, the GAP protocol does not guarantee all functions will work.

Multiple handsets

The multiple handset function has numerous practical applications, e.g. employees in an office can have several handsets linked to the same base unit. They could all answer an incoming call, make outgoing calls, use the handsets internally as an intercom system, and also transfer external calls between the handsets. One external call and two internal calls can be active simultaneously. To be able to use extra handsets with a base unit, you must register the handset. Registration means that you inform the handset of which base unit it is connected to.



Registration involves assigning each handset a specific handset number, e.g. "2". This number is also used for internal calls between handsets. When you purchased the telephone, the handset was pre-registered with the accompanying base unit. The handset has the handset number 1, which is shown in the display in standby mode. Refer to the Registration chapter for more information.



If you wish to use several handsets with one base unit, you should ensure that the base unit is positioned "in the middle", to evenly divide the base unit range among the handsets.

Expanded System

Intercom



When using more than one handset with the same base unit, calls can be made internally between the handsets referred to as internal calls, or intercom. Intercom calls can only be made between handsets connected to the same base unit

1. Press .
2. Enter the handset number for the handset that you wish to call, **1** - **5**.
3. To answer the call press  on the handset being called.

Should an external call be received while an intercom call is in progress, a tone will be heard and EXT will flash in the display. Terminate the intercom call by pressing , press  again to answer the incoming call.

Transferring calls between handsets




An external call can be transferred from one handset to another (providing both handsets are operating on the same base unit).


1. While an external call is connected on line.
2. Press .
3. Enter the handset number for the handset that you wish to call, **1** - **5**.
4. To transfer the external call press  on the calling handset.

If you decide not to transfer the call, press  on the calling handset to return to the external caller.

Conference

A conference call allows two handsets and an external caller to be on line at the same time.

1. While an external call is connected on line.
2. Press .
3. Enter the handset number for the handset that you wish to call, **1** - **5**.
4. To answer the call press  on the handset being called.
5. To connect all three parties in a conference call, press and hold  until the telephone number or CALL is displayed.

Press  on either handset to terminate the conference call, the other handset can then continue the conversation with the external party.

The answering machine

About the answering machine

The answering machine has to be turned on in order to receive messages. On incoming calls the answering machine will respond after the selected number of rings (please refer to page 30).

When the answering machine answers the incoming call the caller will hear your outgoing message (OGM) followed by a tone, at this point they can leave an incoming message (ICM) up to 3 minutes in length. Should the caller exceed this limit the call will be terminated. The memory can store up to 8 minutes of incoming messages.

If the answer function is set to Answer only (ANN) the caller will not be able to leave a message, as the call will be disconnected once the outgoing message has been played.

Most functions can be performed from either base unit or handset.

The caller can also record their message in a specific mailbox (please refer to page 33), all voice mails are in English.

The display functions

The display on the base unit can show the following messages:

The display shows	Function
/ - (flashes)	Time and date requires programming, see page 30
- 	The answering machine is ON, the number of messages being displayed
(flashes)	The answering machine is ON, with more than nine messages recorded
- / - (flashes)	The answering machine is off
(flashes)	Remote control access in progress (internal or external)
(flashes)	Temporary fault, disconnect the mains adapter and telephone line for 1 minute
(flashes)	Memory full
(flashes)	Pause during playback
/ 1	Normal answering function selected
/ 2	Answer only (ANN) function selected
.....	Recording in progress, please wait
, - 	Setting the number of rings before the machine answers an incoming call
.....	Maximum volume

The answering machine

Switching the answering machine On/Off

Press **⓪** on the base unit to switch the answering machine On or Off. Upon switching this function on “Answer on” and the outgoing message will be heard.

In the ON position (Answer on), incoming calls will be answered by the answering machine. In the OFF position (Answer off) no calls will be answered and - will flash in the base unit display.

Outgoing message (OGM)

The OGM is your announcement to the caller and may be up to 3 minutes in length, however, the longer the OGM message the less remaining memory for any ICM messages. If you choose not to record your own OGM, the caller will hear a pre-recorded OGM.

There are two separate OGM messages: one for Answer only (ANN) where a caller cannot leave a message, and one for normal answering operation.

An example OGM message:

-”Hello, we are unable to take your right now, please leave a message after the beep, and we’ll return your call as soon as possible. Thanks for calling.”

An example ANN message:

-”Hello, we are unable to take your right now, you will be unable to leave a message so please call later.”

Selecting answering function and checking message (base unit)

1. Press and hold **⓪** until you hear “Please select outgoing message”.
2. Press **◀◀** for the normal outgoing message (OGM) or **▶▶** for Answer only (ANN).
3. The display will flash **⓪ 1** (OGM) or **⓪ 2** (ANN). The selected message will be heard.

The answering machine

Recording an Outgoing Message (base unit)

1. Press and hold **⓪** until you hear “Please select outgoing message”.
2. Press **◀◀** for the normal outgoing message (OGM) or **▶▶** for Answer only (ANN).
3. The display will flash **P1** (OGM) or **P2** (ANN). The selected message will be heard.
4. To record your OGM message press and hold **◀◀**. You will hear a short beep and the display will flash.
5. To record your ANN message press and hold **▶▶**. You will hear a short beep and the display will flash.
6. When recording speak clearly towards the top of the base unit from a distance of approximately 15-20 cm.
7. Release the button (**◀◀/▶▶**) to stop recording.
8. The message will be replayed after a few seconds.

Repeat this procedure if you wish to change the OGM/ANN message. Any old OGM/ANN message will automatically be erased when a new one is recorded.

Please Note!

*Recording your outgoing message (OGM) through the handset (command **83**) could improve sound quality, please refer to page 35.*

Reset the OGM to the factory message (base unit)

This allows you to reset the OGM back to the original factory message.

1. Press **⓪** until you hear “Answer On, your outgoing message is”.
2. While the OGM is playing press **C**.

The answering machine

Day/Time stamp

The machine has a voice function that announces the day of the week and the time when each message was recorded. Hold the handset close to your ear in order to hear the voice prompts and tones.

Setting Day/Time stamp (handset)

1. Press **≡**.
2. Press **≡** again. TAM MENU will flash in the display.
3. Press **0**.
4. After a beep tone is heard press *****.
5. After the audible voice prompt another beep will be heard. Enter the correct settings Day (1=Sunday, 2=Monday...) /Hour/Minute using the handset number buttons. E.g. for Monday 10:30 (AM) enter 21030.
6. The new settings will now be replayed.
7. Press and hold **x** to return to standby.

Checking current Day/Time (handset)

1. Press **≡**.
2. Press **≡** again. TAM MENU will flash in the display.
3. Press **0**.
4. After a beep tone is heard press **≡**.

Number of rings (base unit)

The number of rings before the answering machine answers can be selected between 2-9 rings or Time saver.

1. Press and hold **▶▶** until the current setting is announced.
2. Press **▶▶** repeatedly until the required setting is announced.
3. After a few seconds the setting will be saved.

The Time Saver function (Toll Saver) will answer calls after six rings until the first new ICM message has been recorded. The answering machine will then answer after approximately two rings. This feature is useful for anyone using the remote function for example; if you call home and after four rings the answering machine does not answer, then no messages have been recorded and you can terminate the call without incurring any charges. If on the other hand the machine answers after two rings new messages have been recorded.

The answering machine

Playback and Deletion of ICM messages (base unit)

The display on the base unit will show the total number of messages in the memory.

1. Press **▶** to start playback of all ICM messages, alternatively press and hold **▶** to hear just the new ICM messages. The number of recorded messages will now be announced.
2. After each ICM message the day and time the message was received will be announced.
3. If you wish to delete a single ICM message press **C** while the message is playing.
4. After all ICM's have finished the machine will announce "End of messages. To delete all messages, press delete".
5. To delete all messages, press **C** within 8 seconds (the display will count down). Deletion of all messages simultaneously is only possible after playback of all ICM's.
6. If you do not wish to delete messages press **■** within 8 seconds.
7. Messages will automatically be saved, you must therefore remember to delete old messages to avoid filling up the memory.


The following functions are available during playback:

Button	Function
◀◀	Repeat/skip back to previous.
▶▶	Skip to next (press once). Press and hold button down to play back messages at a faster speed.
■	Stop playback.
C	Erase current message.
+/-	Increase or decrease the volume.
▶	Message playback (ICM). Press again to pause during playback (max. 60 seconds), the display will show P and a beep is heard every 10 seconds. Press ▶ again to continue playback.

The answering machine


Call Screening


Incoming messages will be heard through the base unit loudspeaker as they are received. If there is no sound adjust the volume using ▲/▼.

The call can be intercepted by pressing  or lifting the handset of another telephone connected to the same line.

If the recording does not terminate automatically, press ■ on the base unit.

Call Screening via the handset

Incoming messages can also be heard through the handset as they are received by pressing  during recording.

The call can be intercepted by pressing .

Voice Message languages (base unit)

Voice messages can be heard in either English or French.

1. Press and hold **C** until you hear the current day and time settings.
2. Select the desired language using ◀◀/▶▶.
3. Press **C** to save.

Message Alert (base unit)

If this function has been selected a regular beep tone will be heard when a new message has been recorded.

1. Press and hold ◀◀ until the current setting is announced.
2. Press and hold ◀◀ again to switch between function On or OFF.

The answering machine

Mailbox (base unit)

The mailbox function allows several users to share an answering machine. The incoming caller can press either keypad button 1 or 2 to record a message for a specific person.

The outgoing message should include these details, e.g.:

-”Hello, we are unable to take your call right now, to leave a message for Linda press 1, for Stephen press 2 or for both of us just wait and speak after the beep. We will return your call as soon as possible and thanks for calling.”

Playback of messages in the mailbox

The indicator light next to the button for the relevant mailbox ☒¹ or ☒² will flash whenever there are new messages. Playback always starts from the oldest message regardless of whether it has already been played back.

1. Press ☒¹ or ☒² to start playback. The number of messages will be announced.
2. During playback you can perform commands as outlined on page 31.
3. Remember to delete old messages using **C** to avoid filling up the memory.

Recording memos in mailboxes

A personal message – MEMO – is a message recorded directly onto the answering machine without dialling. This means that the answering machine may be used as an electronic notebook, where messages, reminders or other notes to family members or colleagues can be recorded.

1. Press and hold either ☒¹ or ☒². A beep will be heard.
2. Speak in the direction of the base unit to record your memo message.
3. Release either ☒¹ or ☒² to stop recording.

The answering machine

Voice control (VOX)

The answering machine will record a message as long as the caller keeps speaking (max. 3 minutes). If the caller stops speaking the answering machine will disconnect after approximately five seconds.

Out of memory

The answering machine can receive a maximum of 59 messages, but will only record up to 8 minutes in total (this includes the outgoing message). If the memory is full, no new messages will be accepted until the existing messages have been played and erased.

When the memory is full, F will flash in the base units display and the answering machine will respond with a special message to allow remote playback and deletion of messages.

If less than 40 seconds recording time remains, this will be announced if anyone tries to record a message.

The answering machine

Control from the handset

To access the following functions it will be necessary to hold the handset close to your ear in order to hear the voice instructions and tones.

1. Press **≡**.
2. Press **≡** again. TAM MENU will flash in the display.
3. The available options will now be announced.
4. Select a command from the list below by pressing the corresponding button on the handset keypad.
5. Press and hold **x** to return to standby. All messages will automatically be saved (unless you have erased messages during playback), new messages will be recorded after any old messages.
6. The handset will automatically return to standby mode after 3 minutes.

Main menu

Command	Function
1	To hear the main menu
2	Play all messages
3	Play new messages
4	Repeat/skip back to previous message
5 (during playback).....	Erase a message
5 (after playback).....	Erases all messages
6	Skip to next message
7	Record a MEMO (speak after the tone, press # stop recording)
8	To hear the outgoing message menu
9	Change the remote code (see following page).
0	Set day/time stamp (see page 30)
* (wait for tone) 1	Playback of messages in mailbox 1
* (wait for tone) 2	Playback of messages in mailbox 2
#	Stop

Menu for outgoing message. Press 8 in the main menu and select:

Command	Function
1	To hear the main menu
2	Playback of outgoing message
3	Record new outgoing message (press # stop recording)
4	Record Answer only message (press # stop recording)
5	Select normal answering function
6	Select Answer only
8	To hear the outgoing message menu

The answering machine

Remote code (handset)

This code is needed in order to gain access to the remote control functions of the answering machine (factory setting is 123). You can alter the code according to the description below.

1. Press **≡**.
2. Press **≡** again. TAM MENU will flash in the display.
3. Press **9**.
4. After a beep is heard press *****.
5. After the voice prompt enter the new code number (**000-999**).
6. The new three digit code will now be replayed.
7. Press and hold **x** to return to standby.

Checking the current Remote code (handset)

1. Press **≡**.
2. Press **≡** again. TAM MENU will flash in the display.
3. Press **9**.
4. After a beep is heard press **#**.
5. The existing code number will be announced.
6. Press and hold **x** to return to standby.

Remote activation of the answering machine

If you have forgotten to turn the answering machine on, this can be done remotely. Remote options are described in full on page 37.

1. Dial the telephone number to which the answering machine is connected. The answering machine will answer after 10 rings.
2. After the OGM message has played press *****.
3. Enter the current remote code (123 when supplied).
4. The number of new messages will be announced, and message playback will begin. Press **#** to stop playback.
5. To switch the answering machine On press **7**.
6. Terminate the call.

The answering machine

Remote control

The answering machine functions can be remotely accessed using the keys of an ordinary tone dialling telephone. Dial the telephone number to which the answering machine is connected, enter the current remote code after the OGM message has played. Once the code is accepted, several remote options are available.

Remote control

1. Dial the telephone number to which the answering machine is connected.
2. After the OGM message has played press ✖.
3. Enter the current remote code (123 when supplied).
4. The number of new messages will be announced, and message playback will begin. Press ⏮ to stop playback.
5. Within 8 seconds select a remote option from below.
6. Once you have finished terminate the call.

Command	Function
1	To hear the main menu
2	Play all messages
3	Play new messages
4	Repeat/skip back to previous message
5 (during playback).....	Erase a message
5 (after playback).....	Erases all messages
6	Skip to next message
7	Turning answering machine On/Off
8	To hear the menu for outgoing message
9	Change/hear remote code (see previous page).
0	Set time/date stamp
*1	Playback of messages in mailbox 1
*2	Playback of messages in mailbox 2
#	Stop

Please note!

If the machine doesn't respond correctly to the remote control commands, try pressing the telephone buttons for a longer or shorter time. In normal cases, the answering machine should react to tones approximately 0.5 – 1 seconds in length, but longer tones may be necessary in certain telephone networks.

Troubleshooting

Check that the telephone cord is undamaged and properly plugged in. Disconnect any additional equipment that may be connected. If the problem is resolved, the fault is with the other equipment.

Test the equipment on a known working line. If the product works then the fault is with the line. Please inform your local telephone company.

No number shown in display when ringing

- In order for this feature to function, you must subscribe to the Caller Identification service from your network provider.
- If a text message shows on the display, the call may be an international call (no data received), or from a private or blocked number.
- It may not be possible to receive CID information if the phone operates in a PBX system.

Warning signal while talking/cannot connect

- The batteries may be running low (recharge the handset).
- The handset may be (nearly) out of range. Move closer to the base unit.
- There may be a new message on the answering machine.

Telephone does not work

- Check the adapter, is it correctly connected to the base unit and to the mains power?
- Check that the telephone cord has been correctly connected to the base unit and to the line socket.
- Check the charge status of the handset batteries.
- Try connecting another telephone, known to be in working order, to the line socket. If that phone works, then it is likely that the equipment is faulty.

Other

The answering machine is not answering

- Memory may be full. Listen to your messages and erase them.
- Check that the unit is switched on
- Check that the telephone cable and the mains adapter are correctly connected

The answering machine does not respond to remote control

- Check that the telephone you are using to remotely control the answering machine is a tone dialling telephone.
- Some telephones only emit a short tone beep when buttons are pressed, and this may not be enough to activate remote control Use a separate tone transmitter in these cases.
- Also try holding the buttons down longer, approximately 1 second per digit.

The base unit/answering machine emits a regular beep tone

- The Message Alert feature has been programmed on, to turn this off refer to page 32.

The answering machine does not respond to any commands or button presses

- It may be necessary to reset the unit. Disconnect the telephone line and power connections wait for a short time and then re-connect, this will reset the machine. If there are still problems with the operation please contact our support departments.

If the telephone still does not work, contact your local Doro Support department or the place of purchase. Don't forget the receipt or copy of the invoice.

UK

If you cannot resolve the fault using the faultfinder section, technical support is available on the **Premium Rate Number: 0906 302 0114**.

Calls cost **50 pence per minute** (prices correct at the time of going to press), and is operational between 9AM - 5PM Monday-Friday excluding Bank Holidays.

Alternatively,

E-mail on: tech@doro-uk.com

You can contact us in writing: Consumer Support Group, Doro UK Ltd., 22 Walkers Road, North Moons Moat, Redditch, Worcestershire, B98 9HE, (regarding any Spares or Technical query), or

Telephoning (Spares only): 01527 584377

Web site: www.doro-uk.com

Specific Absorption Rate (SAR)

This telephone complies with applicable international safety requirements for exposure to radio waves.

The SAR-value of this product is not greater than 0.043 W/kg (measured over 10g of tissue).

The maximum limit according to WHO is 2W/kg (10g of tissue).

Guarantee



This product is guaranteed for a period of 12 months from the date of purchase. Proof of purchase is required for any service or support required during the guarantee period.

This guarantee shall not apply to a fault caused by an accident or any similar incident or damage, liquid ingress, negligence, abnormal usage or any other circumstances on the purchaser's part. Furthermore, this guarantee shall not apply to a fault caused by a thunderstorm or any other voltage fluctuations.

This guarantee does not in any way affect your statutory rights. (As a matter of precaution, we recommend disconnecting the telephone during a thunderstorm.)

Other

Australia and New Zealand

Products permitted for connection to the telephone network are marked with  in Australia and  **TELEPERMIT** in New Zealand. These marks indicate the products comply with the regulations and can be used without concern in the country of purchase.

If you believe this product is malfunctioning, please refer to the relevant section and/or consult the troubleshooting guide in this manual to ensure that you have followed the instructions carefully. As an alternative you can visit our web site for FAQ's or send an e-mail for a prompt reply.

Electro Magnetic Radiation (EMR)

This telephone complies with applicable safety requirements for exposure to radio waves. The mean power of this telephone is not greater than 14 mW.

This is below the 20mW limit at which testing is required.

Guarantee

This product is guaranteed for a period of 12 months from the date of purchase. Should you experience difficulties with the product, please contact us for assistance. If the product is then found to be faulty you will be asked to return it directly to us with a copy of the purchase receipt.

This guarantee shall not apply to a fault caused by an accident or a similar incident or damage, liquid ingress negligence, abnormal usage or any other circumstances on the purchaser's part. Furthermore, this guarantee shall not apply to a fault caused by a thunderstorm or lightning, excessive or any other voltage fluctuations or faults on the telephone line. (As a matter of precaution, we recommend disconnecting the telephone during a thunderstorm).

This guarantee does not affect your statutory rights.

AUSTRALIA

DORO Australia Pty Ltd
PO Box 6760
Baulkham Hills BC NSW 2153
Australia

Consumer Support

Ph: (02) 8853 8444
Fax: (02) 8853-8489
Email: support@doro.com.au
Web site: www.doro.com.au

NEW ZEALAND

Atlas Gentech (NZ) Limited
Private Bag 14927
Panmure
Auckland
New Zealand

Consumer Support

Ph: 0900 500-25 (Toll Call)
Fax: (09) 574-2722
Email: support@atlasgentech.co.nz

REN (RN for New Zealand)

The REN (Ringer Equivalence Number) or (RN) is of significance only if you wish to connect more than 1 telephone to your telephone line. A standard telephone line has a maximum REN capacity of 3 (RN of 5). It is possible to connect 3 devices with a REN of 1 (RN of 1) with no degradation to the product's performance. Exceeding this limit may cause the volume of the ringer in any phone to decrease or not ring at all.

Notes for Operation in New Zealand

The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with the minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services.

This equipment shall not be set to make automatic calls to the Telecom "111" Emergency Service.

This equipment may not provide for the effective hand-over of a call to another device connected to the same line.

This equipment should not be used under any circumstances that may constitute a nuisance to other Telecom Customers.

CND PRODUCTS

If a charge for local calls is unacceptable, the "DIAL" button should NOT be used for local calls. Only the 7 digits of the local number should be dialled from your telephone. DO NOT dial the area code digit or the "0" prefix.

Answering Machines

Please note when set to answer after 2 rings this product may block CID information when used in conjunction with certain distinctive ring signals (FaxAbility).

DECLARATION OF CONFORMITY

WE DORO AB
Of Skiffervägen 80
SE-224 78 Lund
Sweden

As the EU/EES/EC/EEA Authorised representative declare under our sole responsibility that the product

Model: 930R
Description: Cordless DECT telephone

IS IN CONFORMITY WITH R&TTE DIRECTIVE: 1999/5/EC


Authorised by:

Signed 

Name (printed): Per Carlenhag
Position in company: Quality Manager
Date of issue: 11 June 2003

Copies of this document will be held on file for a period of 10 years after the last production.

Supplier:	DORO AB	Skiffervägen 80	SE-224 78 Lund	Sweden
Product:	930R			



This product is in conformity with the essential requirements of the following specifications:
Safety - EN 60950
EMC - EN 301 489 - 6
Electrical Performance - EN 301 406, TBR 22, i-CTR 37

This product is intended for connection to analogue PSTN lines within the following countries: United Kingdom, France, Sweden, Norway, Denmark, Finland and Switzerland. However, due to differences between the individual PSTN's provided in the different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point.

Additional information:
Pulse dialling will not work in Sweden
In the event of a mains power failure it will not be possible to dial emergency services numbers.



English

Version 1.3