

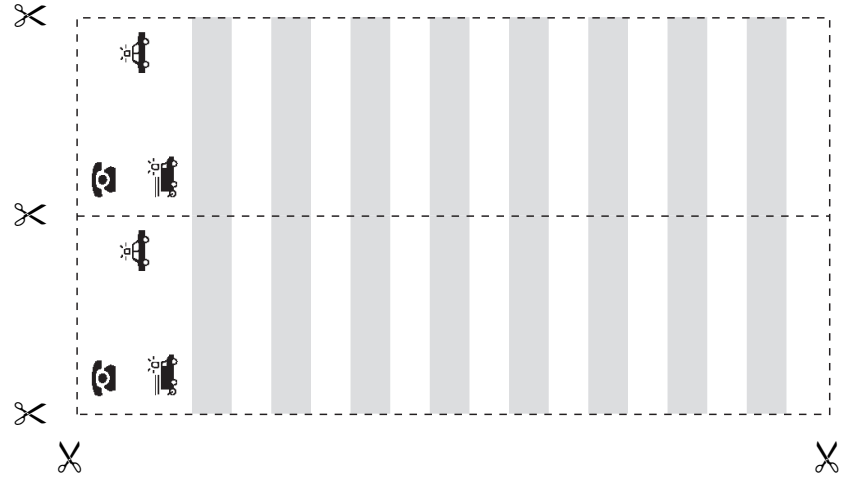
This equipment complies with the requirements of the EU directives
89/336/EEC "EMC Directive",
73/23/EEC "Low Voltage Directive",
and thus carries the CE mark.

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Important notes for users

ged in. Or perhaps you have a fax machine or answering machine plugged in too. This is important because your telephone line only has a small amount of electricity running through it to make your phones ring, so it may be necessary to limit the number of phones or other pieces of equipment you have connected to your telephone line.

To help you, every phone has what is called a Ringer Equivalence Number (REN), which is shown on a label underneath the phone. In most cases a standard line should provide enough current for two or more phones whose REN's add up to no more than 4. Your euroset 815S has a REN of 1.

Approved for connection to telecommunication systems specified in the instructions for use subject to the conditions set out in them.

504403

Important notes for users

Ringer Equivalence Number (REN)

Your euroset 815S has a REN of 1. REN is a guide to the maximum numbers of telephones that may be connected to a single exchange line. The sum of individual REN values connected to the exchange line should not exceed the total of 4.

Operation cannot be guaranteed in installations with mixed types of apparatus.

If the equipment develops a fault

Not every malfunction means that your telephone has developed a technical fault. If the defect is a comparatively simple one, you are likely to save both time and money if you can trace the cause of it yourself.

No dial tone on lifting the handset:

Are the connecting cord and handset cord inserted at the telephone?

Is the connecting cord plugged in at the telephone jack?

Dial tone can be heard but dialing is not possible:

Dialing method has to be set correctly

No ringing:

Is the ringer in on-position? (see Display)

Interference during handsfree talking, brief interruptions:

Avoid background noise, e.g. other calls, music, etc.

Lower the loudspeaker volume. Move closer to the microphone. If the call is being seriously disrupted, you should switch over to handset mode.

The other party cannot hear you:

Has the "mute" key been actuated? Press the key again. Is the connector of the handset cable properly inserted?

Operation in connecting with a PABX only:

No connection or a wrong connection on dialing from the memory (speed calling, redial).

Program the exchange code!

Programming the repertory keys: OFF appears on the display.

The repertory keys have been disabled to prevent possible modification. See "Disabling repertory keys"

Another possibility is that you have too many phones plug-

Important notes for users

Important notes for users

Technical Informations

euroset 815S has been approved for use of the following facilities:

- Loop disconnect dialing / MF tone dialing
- Last number redial on saved number redial
- Repertory keys
- Display
- Ringer
- On-hook dialing
- Handsfree operation
- Open listening
- Adjustment of ringing tone
- Time break recall break call / Earth loop recall
- Temporary switch over of the dialing mode

Any other usage will invalidate the approval of the apparatus if, as a result, it then ceases to conform to the standards against which approval was granted.

You may connect it to

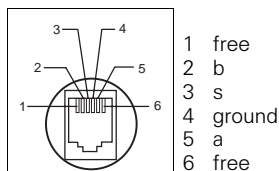
- Direct exchange lines providing Loop Disconnect (LD) or Multi-Frequency (MF) signaling and and Time break recall / Earth loop recall
- Extensions with new plug and sockets arrangements provided with these direct exchanges lines
- Compatible switchboards

You must **not** connect to

- shared service (party) lines
- 1 + 1 carrier systems



This apparatus is not suitable as an extension to a pay-phone.

Pin assignments of the connecting cord socket on the bottom of the telephone set:




Operating at telephone systems

Cancelling exchange codes

The exchange codes can only be cancelled **collectively**. This procedure is the same as for storage, except that instead of entering a new exchange code you press the  key immediately after the  key.




RECALL key

During a trunk call you can make a consultation call or forward a call. To do so, press the RECALL key . The further procedures are dependent on your telephone system. Note carefully the relevant information in the operating instructions for the telephone system.



In the case of operation in connection with private telephone systems (PBXs), you have to set the PBX recall key function if required - in addition to the dialing mode.

The operations are as follows (*default):

Code	R key	Dialling mode
	ELR	LD
	TBR 90 ms *	MF
	ELR 120 ms	MF



Lift the handset and press the SET key.



Press the # key.



Enter the appropriate key code (e.g. **2** for DTMF signalling with 90 ms flash)



Press the SET key and replace the handset.
The flash time is changed.

* = Default

Operating at telephone systems

Operating at telephone systems

If you wish to use your telephone in connection with a telephone system, you may have to store one or more exchange (trunk) codes and set the dialling mode as well as the flash time of the Consultation hold key in accordance with the operating instructions for your telephone system.

Entering exchange (trunk) codes

An automatic three-second dialling pause is inserted when exchange codes are programmed. You can program three different 1-digit or 2-digit exchange codes. Note carefully the operating instructions for your telephone system.



Lift the handset and initiate the procedure.

If no exchange code has been programmed, the Ξ symbol appears on the display. If one or more exchange codes have been programmed, they are displayed next to one another.



Press the REDIAL key.



Enter a 1-digit, 2-digit or 3-digit exchange code.



Only if you wish to program a second/third exchange code:

Press the REDIAL key and enter the second exchange code.



Press the SET key and replace the handset.

The exchange code(s) is/are stored.



If two or three exchange codes are required, they must be entered in one programming process.

Preventing alteration of repertory keys

Preventing/permitting the modification of repertory numbers



Lift the handset and initiate the procedure.

Enter the PIN.

The following appears on the right-hand side of the display:



0 for repertory keys unlocked
1 for repertory keys locked



To disable press 1
or



to enable press 0



Press the SET key.
The setting is stored.



If you have protected the repertory keys against unauthorised attempts to change the keys and an attempt is made to do so, "FF" appears on the display.

Preventing alteration of repertory keys

Preventing alteration of repertory keys







A four-digit personal identification number (PIN) is required to protect the contents of your repertory keys against unauthorised modification.

We recommend that you change the PIN after installing your telephone.



Protect your PIN against unauthorised access.

Programming the PIN

-  Lift the handset.
-  Initiate the procedure.
-  Enter the **existing** four-digit PIN (new telephone: 0000).
-  Enter the **new** four-digit PIN.
-  Re-enter your new PIN.
-  Press the SET key. The new PIN is stored.

If you forget your PIN






If this happens, please contact the supplier of your euroset 815S.

Using the telephone

Call duration display


Your telephone can display the approximate call duration.



Activating/deactivating call duration display

-  Lift the handset.
-  Initiate the procedure.
-  Enter the PIN.
The current function appears on the right-hand side of the display.
0 = deactivated
1 = activated
-  Enter the new function
0 = deactivate
1 = activate
-  The function is saved.

Displaying the connection duration

Prerequisite: the call duration display feature is activated, see above. The time display automatically starts 12 seconds after dialling the last digit.

-  The time display is automatically started.
The connection is displayed.

 You can reset and restart the connection duration displayed by pressing the  key.

Using the telephone

Activating the MUTE function



You are conducting a call.



Press the MUTE key. The microphone, handset and loudspeaker are switched off. The status is indicated on the display. You can consult with colleagues in the room without the other party listening in.

If you press the MUTE key again, the microphone, handset and loudspeaker are switched on again.

Temporary changeover of dialling mode

Your telephone is connected to a telephone system with dial pulsing. You can therefore switch it over temporarily to DTMF signalling.



You are conducting a call.



Press the star key.

The dialling mode is set to DTMF signalling.



You can now enter digits for remote control/data transfer.



When the handset is replaced, the telephone reverts to dial pulsing mode.



You can switch back to dial pulsing at any time by pressing (e.g. to conduct a consultation call).

Follow the procedure under "Setting the dialling mode" on page 4 to change the dialling mode permanently.

Using the telephone

Activating/deactivating open listening

Your telephone is equipped with a loudspeaker which can be used to allow other persons in the room to listen in on a call.



You are conducting a call.

Press the SPEAKER key.

Open listening is activated or deactivated (depending on the initial status).



If the loudspeaker is switched on and the **handset is off-hook**, you are automatically in **open listening** mode. The built-in handsfree microphone is deactivated. If the loudspeaker is switched on and the **handset is on-hook**, the telephone is in handsfree talking mode via the built-in handsfree microphone.

Setting loudspeaker volume

You can set the loudspeaker volume to one of 7 different levels in the course of a call.





The volume is increased by one level each time this key is pressed.



The volume is lowered by one level each time this key is pressed.



If the keys  or  are pressed continuously, the volume is automatically increased or decreased in stages until the maximum or minimum level has been reached.




Using the telephone

Using the telephone



Activating/deactivating handsfree talking

Your telephone is equipped with a loudspeaker and an additional handsfree talking microphone (front left). This means that you can make calls when the handset is on-hook (handsfree talking).


Activating handsfree talking in the course of a call

-  You are conducting in a call via the handset.
-  and  Press the Speaker key, **hold it depressed** and replace the handset. Handsfree talking is activated.

Activating handsfree talking before dialling the number

-  Press the Speaker key until the display  appears. Handsfree talking is activated.

Deactivating handsfree talking

-  Lift the handset in the course of a call. Handsfree talking is deactivated.







For optimum operation, the microphone outlet should be kept clear. The ideal speaking distance from the microphone is approx. 50 cm.

Dialling






Activating saved number redial

The following procedure allows you to redial a saved number:

-  Lift the handset.
-  The number stored with the saved number redial function is dialled.
-  Conduct the call.
-  Replace the handset to terminate the call.

Dialling with the repertory keys

The repertory numbers stored can be dialled with the following procedure (see also "Storing repertory numbers/notebook" on page 8).

-  Lift the handset.
-  Press the appropriate repertory key.
-  The stored number is dialled.
-  Conduct the call.
-  Replace the handset to terminate the call.

Dialling

Dialling**Dialling with the pushbutton set**

Lift the handset and dial the number.





Conduct the call.



Replace the handset to terminate the call.



Three-second pauses can be inserted during the dialling phase by pressing the  key (a pause cannot be in the first position, however). These pauses are also included in the redialling procedures, e.g. 0  2368 (this is useful for international calls, for example).

Number redial (last number)

The last number dialled is automatically stored and can be dialled at the push of a button.



Lift the handset.



Press the REDIAL key.

The last number entered is automatically dialled (max. 22 digits).



Conduct the call.



Replace the handset to terminate the call.

Storing numbers

Storing repertory numbers/notebook

You can store up to 16 frequently used numbers as repertory numbers on name keys.



Lift the handset.



Press the SET key.



Press the repertory key on which the repertory number is to be stored.

Any number already stored will be displayed. If the memory for this repertory key is empty $\bar{\text{E}}$ appears on the display.



Enter the number to be stored (max. 22 digits)

or



press the REDIAL key, to store the number of the last party called (notebook function).



Press the SET key.



Replace the handset.



You can note the name for the number stored on the labelling card.

Three-second pauses can be inserted during the dialling phase by pressing the \ominus key (a pause cannot be in the first position, however).

If the number consists of more than 12 digits, the first 12 are shown, followed by the remaining digits (inserted on the display from the right).

Storing numbers







Storing numbers

All settings started with the SET key must also be confirmed with the SET key. Only then are the required settings stored.

You can also interrupt a setting by replacing the handset.

Storing for saved number redial

Unlike last number redial, the dialled number in this case is not deleted when a new number is dialled.

-  Lift the handset.
-  or  You dialled a number.
There is no reply or you hear the busy tone.
-  Press the SET key.
-  Press the REDIAL key.
The number is stored with the saved number redial function.
-  Replace the handset.



The number remains stored until a new number is stored with the saved number redial function.

A maximum of 22 digits are accepted by the memory.

Basic settings

Setting the pitch of tone ringing

The pitch of the tone ringing can be set to 4 different levels. The default setting is Level 4.



Lift the handset and initiate the procedure.

The tone ringing setting is indicated for test purposes.



The tone sequence is increased or decreased each time a key is pressed.

or



press a key between 1 and 4:

Key **1**: the tone ringing is set to the slowest tone sequence.

Key **4**: the tone ringing is set to the fastest tone sequence.



Press the SET key.

The tone ringing pitch is stored.



Replace the handset.

The newly set level is effective for the next call.



To interrupt the setting procedure, replace the handset before pressing the SET key for the second time. The original settings are retained.

Basic settings

Setting the volume of tone ringing

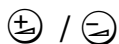
The volume of the tone ringing can be set to 7 different levels. The default setting is Level 7 (highest level).

Setting the volume when the tone is idle:



Lift the handset and initiate the procedure.

The tone ringing setting is indicated for test purposes.



The volume is increased or reduced each time a key is pressed.

or



Press a key between 1 and 7 as required.

Key **1**: minimum volume.

Key **7**: maximum volume.

or



press 0 to deactivate tone ringing.



Store the volume of the tone ringing.



Lift the handset.

The newly set level is effective for the next call.



To interrupt the setting procedure, replace the handset before pressing the SET key for the second time. The original settings are retained.

Setting the tone ringing when the telephone is ringing:

Before lifting the handset, press the key or or a key between 0 and 7. The volume is increased or reduced each time the key is pressed.

The last level set is then stored.

Basic settings

Basic settings

Setting the dialling mode

The dialling mode of your telephone must be set to **DTMF** (dual-tone multifrequency signalling) or **DP** (dial pulsing) (depending on the dialling mode of the telecommunication station) before you put it into service. Your telephone is set to dual-tone multifrequency signalling by default.

Checking:

Dial any digit. If you hear the dial tone, you must change over to the other dialling method.

Setting:



Lift the handset and initiate the procedure.



Press **1** for "loop disconnect (LD) with earth loop recall (ELR)"

or

e.g. **2** for "MF tone dialling with time break recall (TBR)" (see "RECALL key" on page 18).



The dialling mode is set.




Replace the handset.


Putting into operation

Installation

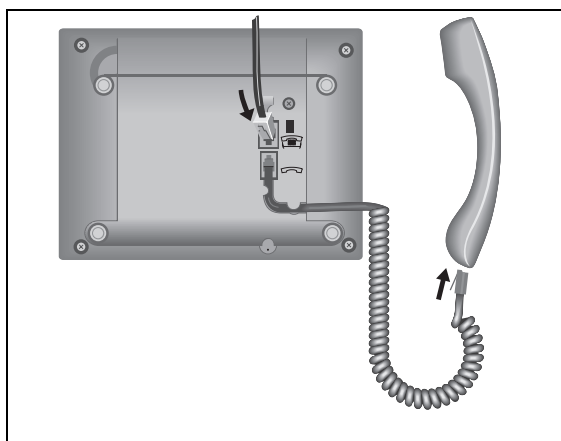
Spiral handset cord:

Insert the long straight end of the connector in the socket marked  until it is heard to engage. Attach the short end to the handset.

Connecting cord:

Insert the lower connector in the socket marked  and the other connector in the wall socket. Secure the cable in the cable guide provided in the housing base.

Your telephone is now ready for operation.



Inserting the labelling card

You can note the names for the saved telephone numbers on the labelling card.

Putting into operation

Putting into operation

Safety note

For your own safety and protection do *not* use the telephone in a bathroom or damp environment. The telephone is not splashproof.

Recommendations for installation

Please observe the following guidelines:

- You are advised to position the telephone on a non-slip underlay. The rubber feet, for example, are liable to leave unsightly marks on varnished or polished furniture.
- To ensure good-quality handsfree talking, place the telephone on a smooth surface and make sure that the area in front of the microphone (front right) is kept clear.
- Do not expose the telephone to direct sunlight or a source of heat.
- The telephone can be operated in the temperature range between +5 °C and +55 °C.
- You should make sure that there is a distance of at least one metre between the telephone and any radio equipment, e.g. radio telephones, radiopaging devices or TV sets, otherwise telephone communication may be impaired.
- Do not install the telephone in a room where dust tends to accumulate, as this can seriously affect its useful life.
- Use a damp or antistatic cloth to wipe the telephone. Never use a dry cloth (risk of electrostatic charges/discharges) or any abrasive cleaning agents.
- If you lend your telephone to someone else, please make sure you include the operating instructions.
- Once the telephone has reached the end of its service life, please dispose of it in an environmentally-friendly way in accordance with legal requirements.












Emergency call

The Emergency Service can be contacted using this telephone by dialing 999. If your euroset 815S is connected to a telephone system, you may need to key in an access code (usually 9) to get an outside line before dialing 999.
















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-  LOCK key (page 15)
-  TIMER key (page 14)
-  Consultation hold key (flash) (page 18)
-  REDIAL key (page 9)
-  MUTE key (page 13)
-  Volume key - HIGH (page 12)
-  Volume key - LOW (page 12)
-  SPEAKER key (page 11)
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Displays

-  Storage mode
-  Lock function
-  Ringing signal
-  Dial pulsing display
-  DTMF signalling display
-  Volume indicator
-  Microphone off
-  1 - 0 Telephone number
-  # Key # pressed (DTMF signalling)
-  * Key * pressed (DTMF signalling)
-  --- Ready for operation
-  ---- PIN input
-  P Pause
-  ≡ Memory empty
-  u Flash

SIEMENS

Feature telephone
with
handsfree talking,
repertory keys
and display

euroset 815 S



Operating instructions