

BeeTel / BeeTel XL

Cordless Telephone (DECT/GAP)

BeeTel voice/ BeeTel voice XL

Cordless Telephone (DECT/GAP) with Digital Answering Machine



User Instructions



DeTeWe

Welcome to DeTeWe

Thank you for choosing a product from DeTeWe. Our product stands for the highest standard of quality, paired with superior design.

This Instruction Manual will help you in setting up your BeeTel / BeeTel voice for first time use and answer all essential questions you may have.

We wish you a lot of enjoyment from your BeeTel / BeeTel voice.

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Please read first

These user instructions will familiarise you with the operation of the various versions of the BeeTel.

- BeeTel : basic model
- BeeTel XL : as per the basic model, but with an additional handset and charging unit
- BeeTel with a small base:
like the basic model, thanks to its compact design without paging keys (see page 20)
- BeeTel voice : Handset as per the BeeTel, with a digital answering machine integrated in the base station
- BeeTel voice XL: as per the BeeTel voice, with an additional handset and charging unit

Insofar as not otherwise specified, the operating procedures stated refer to all versions. The chapter entitled "Answering machine" refers only to the BeeTel voice and BeeTel voice XL versions.

You can connect the BeeTel cordless telephone to the telephone connection yourself.

It is licensed in accordance with the EU Guideline 91/263/EEC for telecommunications equipment. The CE symbol verifies the device's compliance with the above guideline.

Before using your telephone for the first time, please read these user instructions carefully. Store the user instructions in a safe place for future reference.

RegTP Official Notice 25/98 Availability 145/1998

General assignment of frequencies for general use of cordless telecommunications systems pursuant to the DECT system.

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4. This general assignment applies to cordless telecommunications systems pursuant to the DECT system. They may be used in the following frequency ranges only:
DECT System 1880-1900 MHz
The specification of the frequency range 1880-1900 MHz in the frequency utilisation plan applies initially to a period of 10 years and extension of this period shall depend on European harmonisation.

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Important Safety Information

Power supply

This product requires a 230 V alternating current power supply. The device can only be switched off by removing the AC adapter plug from the mains socket.

Safety precautions

- Do not open either the base station, the handset nor the charging unit (accessory), as this could expose you to high voltages. Any and all repairs must be carried out by qualified service personnel.
- Do not allow the charging unit and battery contacts to come into contact with electrically conductive items, such as keys, paperclips, rings or bracelets.
- Never expose the base station, handset or charging unit to water or chemicals
- Please only use the mains adapter supplied and the type of battery supplied (or batteries complying with the specifications in the technical data).
- Only place the handset in the base station or charging unit when batteries are installed.
- Do not use a mains adapter that shows any signs of damage (breaks or cracks in the housing).
- Do not operate the handset in vehicles or in areas where there is a danger of explosion.

Usage

This handset, like any cordless telephone, operates using radio signals, which cannot guarantee the establishment of a connection under all conditions. Therefore, you should never rely solely upon any cordless telephone for essential communications (e.g. medical emergencies).

Installation site

Do not install the base station, handset or charging unit (accessory) in the vicinity of:

- Water, moisture or damp areas.
- Heat sources, direct sunlight or inadequately ventilated areas.
- Devices which produce strong magnetic fields, electrical appliances, fluorescent lamps, computers, radios, television sets, fax machines and telephone terminals.
- Areas where the equipment may be covered, its ventilation impaired, or where fluids could ingress into it.
- Areas where there is excessive dust, and areas subject to vibration, shock or extreme temperature fluctuations.

Please install or store handsets and accessories out of reach of small children.

General

With the BeeTel, you have purchased a cordless telephone for operation on an analog terminal connection.

This telephone offers a variety of features that enable you to make telephone calls more easily. To increase your accessibility, you can operate up to five handsets on one base station and also make toll-free internal calls between these handsets.

You can enrol your handsets at up to a maximum of five base stations and thus use the same handsets at different locations. Furthermore, it is possible to operate the handsets on base stations made by other manufacturers if they conform with the GAP standard.

The BeeTel (basic model) is shipped with the following items:

- Base station with integrated charging unit
- Handset with two NiCd batteries
- Belt clip
- Mains adapter
- Telephone connection cable
- This instruction manual

The BeeTel XL is shipped with the following items:

As per BeeTel (basic model) plus:

- Second handset with two NiCd batteries
- Belt clip
- Charging unit with mains adapter

The BeeTel voice is shipped with the following items:

As per BeeTel (basic model) plus:

- Base station with integrated charging unit and digital answering machine

The BeeTel voice XL is shipped with the following items:

As per BeeTel voice, plus

- Second handset with two NiCd batteries
- Belt clip
- Charging unit with mains adapter

Additional handsets, as well as charging units, are available as accessories.

DECT and GAP

Your handset uses a digital radio signal between the base station and the handset in compliance with the DECT (Digital Enhanced Cordless Telephone) standard. This digital channel guarantees maximum voice quality without random or background noise when operated according to the intended use. The BeeTel uses the Generic Access Profile (GAP) for communication between the base station and handset.

The Generic Access Profile (GAP) and DECT standard define methods which are used for digital cordless telephones to establish connections. The GAP standard is not manufacture-specific, so it is possible to combine base stations and handsets with each other that are made by different vendors.

The basic functions (making and receiving calls) are always possible with these combinations. Other functions (display of call number or of call charges) which your BeeTel base station provides together with your handset may not be available with telephones that were made by other manufacturers.

Features

Your BeeTel provides you with the following features. More detailed information on each feature can be found in the respective description.

- Standard dialling
- Connection set-up / Block dialling
- Redial / Caller List, 10 numbers in common list, max. 30 digits per number, selection of entry in Caller List through prefixed "C"
- Display of Caller ID, if the number is transmitted (CLIP / Calling Line Identification Presentation)*
- Speed dialling, 10 destination numbers
- Preselection / Call-by-call support (connection via numerous network operators)
- Internal calls
- Display of internal Caller ID
- Single / Conference call option for internal calls
- Transfer of external calls (in the case of several handsets)
- Consultation in the case of external calls
- Flash-key function with 2 flash intervals (long/short)
- Handset volume adjustable in two increments
- Handset mute function
- Ringer mute for incoming calls
- Key-click on/off
- Keypad lock
- Display of signal strength
- Display of call duration
- Display of battery charging level

Furthermore, the BeeTel voice offers the following additional features:

- Integrated digital answering machine
- Message recording capacity of up to 16 minutes
- 2 announcement texts
- Memo function
- Display of time stamp
- Possibility for remote control
- Toll-free distance request
- All messages and texts retained in the event of a power shortage
- Toggling
- 9 on-hold melodies

* The CLIP feature must be supported by your subscriber terminal connection. Your network operator (e.g. Deutsche Telekom) can inform you of whether this feature is supported.

Factory defaults

Factory defaults BeeTel:

- Redial Stack/Caller List - No entries
- Speed-dial memory - No entries
- Preselection - No entry
- Authorisation - No restriction
- Blocked numbers - No entries
- Dialling mode - DTMF
- Signal key function - Flash, long
- Handset volume - Normal
- Key-click - On
- Melody / Volume - 3 / 4 (= Key )
- PIN - Last 4 digits of serial number (on under-side of base station)

- Melody / Base station volume - 3 / 4

Additionally, in the case of the BeeTel voice:

- Recording quality - High quality (8 min.)
- Max. recording duration per call - 120 seconds
- Master handset - Handset 1
- Number of calls - 5
- Remote control - Off
- Toll-free distance request - Off
- On-hold melody - 1
- Date / Time - 01.01. 00:00

Installation

Installation site and range

Install the base station at a central location in the vicinity of which you will make telephone calls (not in the cellar or attic). You should have free access to the base station - it should not be placed in wall recesses or behind furniture. Thick reinforced concrete walls and metal doors severely limit the radio signal. Avoid installing the base station in such locations. The base station should be placed near to a window to facilitate operation outside of the building

A 230V mains socket and your telephone connection terminal must be near the installation site.

The radio signal has a range of

- up to 30 m in closed buildings
- up to 300 m outdoors when facing the base station

Connecting the base station

The connection ports are on the underside of the base station.

Use the enclosed cable to connect the telephone jack with the telephone terminal connection of your network operator. Insert the AC adaptor plug cable into the adjacent port. Insert the AC adaptor plug into the 230V mains socket. With the model "BeeTel with a small base," the LED on the base station indicates the power supply.

Installing/Removing the batteries

The batteries are installed in the rear of the handset. Open the cover and insert the batteries according to the polarity specified.

First-time use

Commissioning sequence

- Familiarise yourself with the operating elements (page 13).
- Install the telephone as described in the chapter entitled "Installation" (page 8).
- Charge the batteries for approximately 10 - 14 hours by inserting the handset into the separate charging unit (accessory).

Your system is now ready to operate. You can make and receive calls.

We recommend that you now make further settings:

- Change your PIN to prevent unauthorised changes to your settings.
- Configure the telephone as you wish or as the technical specifications make necessary (dialling method/signal key function/authorisation, etc.).
- Store frequently required telephone numbers in the speed-dial memory.
- Adjust the ringer volume and melody to your taste.
- If you wish to use additional handsets on this base station, prepare the enrolment of the additional handsets by disconnecting the 230V power supply for at least 5 seconds and then reconnecting it (by pulling out and reinserting the AC adaptor plug). Enrol the handsets with the base station within two minutes (page 26).

Charging the batteries

First-time use

The first time you use the telephone, it is possible that the current charging status or the battery symbol is not displayed on the handset if it is not inserted into the charging unit. Charge the batteries for 10 to 14 hours before you use your handset for the first time.

The charging cycle must be completed before the battery display is activated.

During this first charging cycle, a solid, flashing battery symbol is displayed on the handset display, regardless of the actual charging level of the batteries.

The maximum battery capacity is reached after three to five complete charging and discharging cycles.

Place the handset in the base station/charging unit regularly, in order to achieve an optimum battery charge.

You will know if the first charging cycle has been completed when you remove the handset from the charging unit via the following indications:

No charging display / Battery symbol: First charging cycle not yet complete, but you may already be able to use the telephone.

Charging display / Battery symbol displayed: First charging cycle is complete. The current battery capacity is indicated by the respective display of the battery symbol.

You can use your BeeTel after charging the batteries for just 2 to 3, even if the charging status display is not activated by a complete charging cycle! A battery can be charged and discharged several hundred times during its service life.

However, at some point, the battery will be expended. This is indicated when the operating time (i.e. duration of a call and readiness of the telephone) becomes significantly shorter than normal. When such a situation arises, it is time to replace the batteries.

Always replace both batteries together, and always ensure that batteries with the same capacity are used.

If you replace the batteries in the handset or remove them and re-insert them, this is equivalent to using your BeeTel for the first time.

In such a case, you will not see a battery symbol on the display of your handset if it is not resting in the charging unit, and you must repeat a complete charging cycle.

Please make note of the correct polarity when changing the batteries. Also note that only battery types approved by the manufacturer (page 39: "Technical Data") may be used.

Never use normal (primary cell) batteries! The manufacturer accepts no liability for malfunctions or damage if non-specific battery types or normal batteries are used.

Charging and operating times

Charging time: (empty batteries) 10 - 14 hours to reach full capacity

Call time: up to 10 hours

Standby: up to 100 hours

Charging display

The charging status is indicated on the display by the  symbol, where:

 Battery capacity 75...100%

 Battery capacity 50...75%

 Battery capacity 25...50%

 Battery capacity less than 25%

 (flashing) indicates battery virtually dead;

please insert your handset into the base station/charging unit without delay

 Frame flashes (handset is in base station / charging unit) – Charging status is being determined

If the handset is in the base station/charging unit, the flashing segments of the symbol indicate the charging process. An audible signal indicates that the handset is inserted correctly into the base station/charging unit.

Battery level warning

An audible alarm in the form of 3 short "beeps" indicates that the battery capacity is virtually expended: you then have approx. 3 minutes of call time left.

Important information on the batteries

Designated use

Your handset operates using two standard batteries (NiCd - shipped with your telephone - can be exchanged for NiMH batteries).

Use the batteries for their designated purpose only. Never use a battery that is damaged or depleted.

Heat and cold decrease the efficiency and service life of the batteries. The ambient temperature should be between 15 and 25 degrees Celsius. A handset fitted with a hot or a cold battery may not function correctly at times, even if the battery is fully charged.

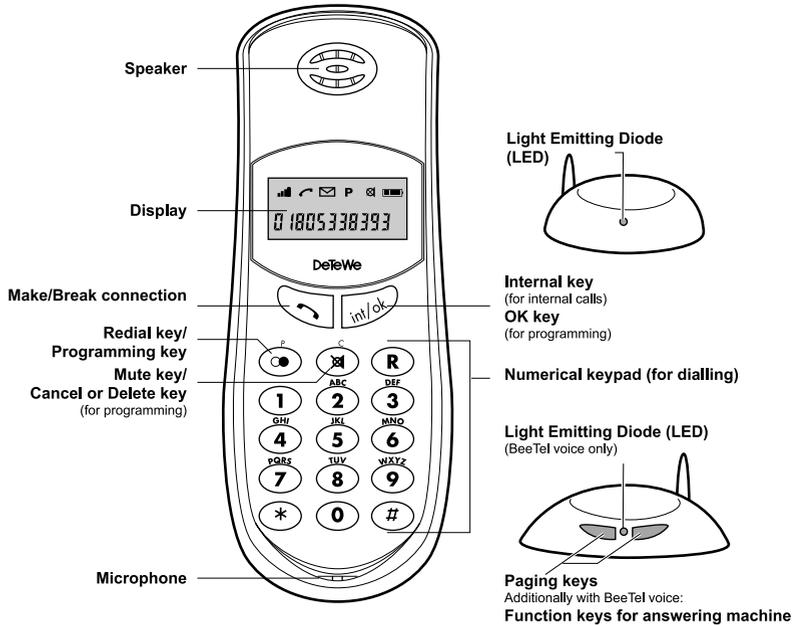
Dispose of used batteries via a battery collection point; Do not dispose of them in the household waste. Never expose batteries to fire. Please direct any questions to your specialist dealer.

If you do not use the base station/charging unit for an extended period, please disconnect from the power supply. Fully charged but inactive batteries take approx. two months to discharge at room temperature.

Extreme temperatures can influence the charging efficiency of batteries.

To achieve long operating times, you should discharge the batteries from time to time by not inserting the handset into the charging unit and leaving it switched on until it switches itself off. Only use this method to discharge the batteries.

Displays, keys and audio signals



Display

The display shows you information on the current connection status or the respective programming status, partly in the form of symbols and partly in the form of numbers and letters.



Symbol line

The symbols have the following meanings:

- Signal strength display in increments of 0, 25, 50, 75 and 100%
- Connection status, incoming call (flashes)
- Call in absence (Caller List)
- Programming mode / Speed-dialling
- Microphone off (Mute)
- Battery charging status (for details, see page 10 "Charging the batteries")

7-Segment line

- 2-** Number of the base station within range if the handset is enrolled at more than one base station
- Int 1** Internal call number of the handset.
Furthermore, call numbers or programming information are displayed in the second line.

Keys



Call / Accept call
(corresponds to the function "Pick-up/Put-down receiver")

or

Cancel programming procedure.



Establish internal connection

or

Confirm programming (depending on status)

or

Link call numbers (Call-by-call).



Redial key; press repeatedly to "page" through the list of recently dialed numbers / Caller List

or

Enter a dial pause when storing speed-dial numbers

or

P

() Depending on the status of your telephone, pressing this key commences the Programming mode



Mute key (microphone off, "Mute")

or

Switches off the handset ringer for the current incoming call (for that call only)

or

C

() Depending on the status of your telephone, pressing this key performs a deletion action ("Clear").



Signal key (T-Net feature / When used on a PBX).



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Numerical keypad for dialling numbers.



,



Special keys when using DTMF (dual-tone multifrequency).

Audio signals

Acknowledgement signal
(programming successful):



Warning signal (entry error)/
Leaving radio range:



Readiness state

The readiness state of the handset is defined as follows:

- The batteries are charged,
- The handset is enrolled with a base station and within range of that base station,
- No programming is currently being undertaken,
- No calls are currently incoming,
- The keypad is not locked.

Calling

Standard calling

Press .
Enter the desired call number via the numerical keypad.
The number is dialled immediately.

The call number dialled
is displayed.



Block dialling

Enter the desired call number via the numerical keypad
or

Redial/Caller List

Press  repeatedly ("P" flashes), until the desired call number appears in the display (Redial/Caller List)

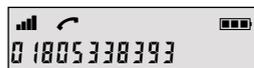
or

Speed-dialling

Press **P** () and the corresponding number under which the call number is stored (speed-dialling).

Press .

The call number displayed
is now dialled.



Call duration display:
After conclusion of the first minute of
the call, the call duration is displayed
in intervals of 5 seconds.



Redial/Caller List

Your BeeTel contains a list (Redial Stack) of 10 memory slots, in which the most recently dialled numbers and the numbers of incoming calls are stored (depending on transmission of the call number by the respective network operator). The number displayed first is either the number dialled most recently or the number of the last registered caller

Press , "P" flashes:
"Page" through the numbers in this list by pressing the key repeatedly.
In order to distinguish between dialled numbers and registered caller numbers, the latter are preceded by a "C".



If 10 call numbers are already stored and a new number is added to the list, the oldest number is deleted from the list.

Note : Call numbers comprising less than 4 digits (e.g. internal numbers when a PBX is used) are not stored in this list.

Accepting a call

An incoming call is indicated on the handset and the base station by the ringer (pp. 24 and 25) and also by the  symbol flashing on the handset display. To accept the call, press .

Ringer mute

If you are in the middle of a conversation when an incoming call is indicated or do not wish to be disturbed by the ringer for other reasons, press . This mutes the ringer on your handset (for this call only). The caller will continue to hear the ringing tone and you can accept the call by pressing , as long as the caller hasn't hung up. In the case of an internal call, pressing  twice rejects the call. The caller then hears the busy signal.

Speed dialling

You can store up to 10 frequently used call numbers in the speed-dialling memory. These numbers occupy memory slots 0...9.

Storing/Overwriting call numbers

The telephone is ready for use.

Start save function:

Press **P** (.

Press the signal key (.

Press **P** () once again.

The content of the first memory slot is now shown on the display (01).



Selecting a different memory slot:

Press **P** () repeatedly (the next memory slot, respectively, is displayed)

or

Press the desired numerical key () ... (.

Confirm selection:

Press .

Enter Call number:

A previously stored number is deleted when the first digit is entered. If you wish to perform the change or delete the digits, press **C** (⊗), and repeat if necessary. If you wish to also save a dialling pause, press (⦿).

Quit save function:

Press (⦿).

Dial/Check
speed-dial
numbers

The telephone is ready.

Select Call number:

Press **P** (⦿) and the desired numerical key.

The call number stored in this memory slot is now shown on the display, e.g. Memory slot 1.



Selecting a different memory slot:

Press **P** (⦿) repeatedly

(the next memory slot is displayed, respectively)

or

Press a numerical key (0) ... (9).

Dial Call number:

Press (⏪) drücken

or

Press (⦿), in order to add another call number or to insert individual digits.

Adding additional call number (e.g. Call-by-call):

Select another speed-dialling memory slot (see above); "P" flashes in the display"

or

Select the call number from the Redial Stack/Caller List (page 15); "P" flashes in the display

or

Add single digits

Dialling a call number:

Press (⏪)

or

Cancel:

Press **C** (ⓧ), repeatedly if necessary (until the ready state is indicated on the display).

PIN protected calling Standard calling

The telephone is ready for use and "PIN-protected calling" is activated (page 22).

Press .

Enter your PIN

Press .



Enter the desired number using the digit keys. The number is dialled immediately.

The dialled number is displayed.



Block dialling

Enter the desired call number via the numerical keypad

or

Press , until the desired number appears on the display (Redial Stack/Caller List)

or

Press **P** () and the numerical key corresponding to the memory slot in which the number is stored (speed dialling).

Press .

Enter your PIN.

Press .

The call number shown in the display is now dialled.



During a call

You can perform various functions during a call.

Mute microphone

You can deactivate (mute) the microphone, in order to discuss something in the room without the caller being able to overhear you. Pressing the mute key a second time switches the microphone back on.

Microphone off

Press ,
The Mute symbol appears on the display.



Microphone on

Press  again,
The mute symbol disappears.



Speaker volume

You can adjust the handset speaker volume in two increments (loud / normal). A single press of the respective key switches between the two settings. The setting selected is stored even when the telephone is switched off.

To change the speaker volume:

Press **P** () (.

Call waiting

If an external call is received while you are already engaged in a call, this is indicated by the call-waiting signal in the handset. If you then quit the current call, the waiting call is signalled on the handset a short time later and you can accept it by pressing .

Consultation/ Transfer with announcement

If several handsets are enrolled on your base station and currently in operation, you can put an incoming external call on hold and establish an internal call, allowing you to "toggle" between the callers or transfer the external call to another handset.

You are engaged in an external call:

Press .

Dial the desired internal call number.



Consultation call.

Press  again; this reconnects you to the external call.

Toggle (BeeTel voice only)

You can now toggle back and forth between callers with the  key, without the separate callers being able to hear one another.

Press ; the external call is now transferred to an internal handset, and your handset is again ready.

Transfer without announcement

You are engaged in an external call:

Press .

Dial the desired internal call number



Press ; the external call is transferred to an internal handset and your handset is again ready.

If the transferred call is not accepted, it is again announced at your handset.

Telephone in ready state

You can protect the keypad from unintentional activation / dialling (e.g. during transportation). Calls can still be accepted as usual. The keypad lock is also removed when placing the handset in the base station or a charging unit. If you have "displaced" your handset or wish to transmit a (previously agreed) signal, you can "page" the handset by pressing the corresponding key on the base station. The paging signal is transmitted to all handsets enrolled on the respective base station.

Keypad lock

To activate/deactivate the keypad lock:

Press **P** () () ,

The following symbol appears on the display:



Paging

(not included with the model with the small base)

To page all available handsets:

(BeeTel / BeeTel XL):

Simultaneously press both keys on the base station for at least 4 seconds; the ringer signal on all handsets enrolled at this base station and available will now sound.

(BeeTel voice / BeeTel voice XL):

Please press the left key in order to page the handset, if the answering machine is in idle mode (i.e. messages are not being played). Pressing the left key again deactivates the paging signal.

Programming

Depending on the technical or personal requirements, it may be that you wish to, or indeed have to, change various "standard settings".

PIN Some settings are protected against unintentional or unauthorised manipulation by a PIN (Personal Identification Number). This PIN comprises four (4) digits; the factory default for the PIN is the last four digits of the serial number of your base station (see underside of base station).

In order to achieve the desired security, you should change your PIN as soon as possible. Make a note of the new PIN, as resetting your PIN to the factory default in the event you forget it can only be performed by service personnel at charge. The PIN is stored in the base station and applies to all handsets enrolled at that base station.

Change PIN

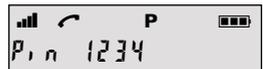
Enter the following key sequence: **P** (Ⓞ) (Ⓡ) (Ⓞ).

Press (2).



Enter the old PIN

Press (int/ok).



Enter the new PIN.

Press (int/ok).



Enter the new PIN a second time.

Press (int/ok).

Access authorisation

You can configure special access authorisation for external calls for each handset.

You have 3 different options in this context:

- No restriction (factory default)
- Limited authorisation via blocked call numbers (page 22)
- Internal authorisation only for outgoing calls ("PIN-protected calling", page 22).

Blocked number programming means that specific call numbers beginning with the blocked number sequence can no longer be called. Any attempt to call these numbers results in the connection being cancelled. A maximum of 12 digits are available in this context, which can be broken down as desired, with the separator between several blocked numbers taking the form of the (Ⓡ), which also counts as a digit.

The entry of "00" and "019", for example, would mean that all attempts to call an international number starting with "00" or a "0190" service number would fail. Please remember when programming that these settings apply to all forms of dialling, regardless of whether you use speed-dialling, the Redial Stack, the Caller List or manual entry of the call number.

If "PIN-protected calling" has been programmed on a handset, after pressing the  key you will be prompted to enter your PIN if you wish to dial a number. If you do not enter your PIN or the PIN you have entered is incorrect, the connection will be broken.

Programming blocked numbers

Enter the following key sequence: **P** () () () .

Press  .

All handsets enrolled with the base station are now displayed (e.g. 1, 3, 5).



Press the numerical key corresponding to the respective handset.

Enter the blocked number(s).

In the case of several blocked numbers, these are separated by pressing the signal key (e.g.      ).

Press  .



Enter the PIN.

Press  .

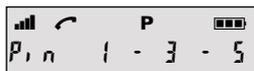


Programming PIN-protected calling

Enter the following key sequence: **P** () () () .

Press  .

All handsets enrolled with the base station are now displayed (e.g. 1, 3, 5).

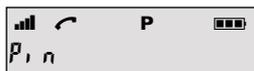


Press the numerical key corresponding to the respective handset.

Press  .

Enter the PIN.

Press  .



Preselection

Storing a preselection number (network operator access code) facilitates your use of the possibilities of the new telephone market. A stored number is automatically preceded with a "0", regardless of whether the number is selected manually or from a memory, e.g. Speed Dialling List, Redial Stack, or Caller List.

Note: If you do not wish to dial via the stored preselection number (e.g. for international calls), store or dial the number starting with the (#) key; in this case, the preselection number is not selected.

Enter the following key sequence: **P** (☎) (R) (0).

Press (9).

Enter the preselection number or press **C** (☒) to delete digits.

Press (int/ok).



Note: The preselection function may not be used if your BeeTel telephone is connected to a PBX. Storing a preselection number in such an instance would result in a faulty connection.

Reset

This procedure resets the following functions to their factory defaults:

- Authorisation code,
- Blocked numbers,
- Preselection.

Enter the following key sequence: **P** (☎) (R) (0).

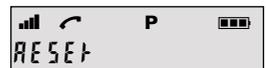
Press (0).

Press (8).

Press (int/ok).

Enter PIN.

Press (int/ok).



Dialling methods

You have various possibilities for setting the dialling method and signal key functions. Depending on the use of the telephone, e.g. remote access to an answering machine or triggering specific PBX functions, it may be necessary to change the default setting.

The individual options are as follows:

- | | Code |
|--|------|
| • Tone Pulse Dialling:: | ① |
| • DTMF (Digital Multifrequency) with signal key function Flash long: | ② |
| • DTMF with Flash short: | ③ |

Enter the following key sequence: **P** (☉) (R) (0).

Press ①.

Enter code as per table.

Press .

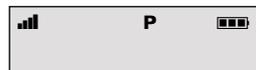


Key click

You can activate or deactivate the audible key confirmation tone as follows.

Enter the following key sequence: **P** (☉) (R).

Press ③.



Handset melody/volume

You can program different ringer melodies and volumes to distinguish between internal and external calls.

Enter the following key sequence: **P** (☉) (R).

Press ⑥ (internal)

or

Press ⑦ (external).



Select melody: ① ... ⑥

Select volume: ① = very quiet; ⑦ ... ⑨, *, #.

Press .

Setting the date/time

(BeeTel voice only)

In the case of the BeeTel voice / voice XL, the date and time are stored for each message received and are displayed when that message is played back.

Enter the following key sequence: **P** (☉) (R) (0).

Press (0).

Press (1).



Enter the date: two-digit entry of the day and two-digit entry of the month (e.g. 3 May = 0305)

Press .

Enter the time: two-digit entry of the hour and two-digit entry of the minutes (e.g.: "quarter past nine" = 0915)

Press  and .

On-hold melody

(BeeTel voice only)

You can choose between 9 different on-hold melodies. These are played back to the caller who is on-hold if you transfer a call ("On-Hold").

Enter the following key sequence: (☉) (R) (0).

Press (0).

Press (6).

Select melody: (1) ... (9)

Press .



Base station melody/volume

(BeeTel voice only)

You can program various ringer melodies and volumes for the base station ringer.

Enter the following key sequence: **P** (☉) (R) (0).

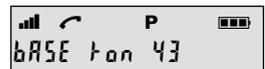
Press (0).

Press (7).

Select melody: (1) ... (6)

Select volume: (0) = very quiet; (7) ... (9), (*), (#).

Press .



Operating your handset on several base stations

You can use your handset with several base stations. These base stations can also be from other vendors, provided they comply with the GAP (Generic Access Profile) Standard. This Standard includes specific parameters for the interaction of base station and handset. On account of the different components, not all features will be available. When operating your handset in this mode, you should always refer to the operating instructions of both vendors.

If you wish to enrol your handset at a specific base station, but are not sure whether it will work on account of the number of the base stations in range, enrol your handset with the PARK. The PARK is a globally unique code for base stations comprising up to 15 digits and is provided on the underside of the base station.

Enrolling With Base Station Number (PARK)

Disconnect the base station from the mains power supply for at least 5 seconds; after reconnecting, you have 2 minutes to carry out the enrolment procedure.

Enter the following key sequence: **P** (Ⓟ) (Ⓡ) .

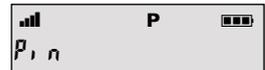
Press (1) .

Enter the PARK (up to 15 digits).

Press  .

Enter PIN.

Press  .



If there are no other base stations in the vicinity of the base station at which you wish to enrol your handset, you can dispense with entering the PARK.

Enrolling Without Base Station Number (PARK)

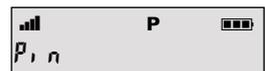
Disconnect the base station from the mains power supply for at least 5 seconds; after reconnecting, you have 2 minutes to carry out the enrolment procedure.

Enter the following key sequence: **P** (Ⓟ) (Ⓡ) .

Press (2) .

Enter PIN.

Press  .



Your handset must generally be enrolled with all base stations with which it is to be used (see page 26). Operation is then realised at the next closest base station in the radio field by means of corresponding enrolment, either manually or automatically (see below).

The number of the respective base station selected is displayed in the display of your BeeTel handset. When a call is not currently in progress (Ready mode), your handset is able to enrol itself automatically at the respective base station (depending on programming).

It is not possible to switch to the radio field of a different base station during a call!

Please note the display and the acoustic warning of your handset when entering the boundary area of a radio field.

When leaving the radio field, any call currently in progress is terminated.

When arranging several base stations, you must be aware that the greatest possible radio functionality is achieved when the individual radio fields do not overlap, i.e. the distance between the base stations should, depending on local conditions, amount to approx. 60 m in buildings and approx. 600 m outdoors.

Example: You want to use your handset both in the office and at home. To this end (presupposing compatibility), your handset must be enrolled with both base stations (see page 26). Enrolling the handset at the desired operational base station is then performed via the "Selecting a base station" procedure described below.

Selecting a base station/Enrolling a handset

Enter the following key sequence: **P** (⊙) (R).

Press (4).

All base stations with which the handset is enrolled are displayed.



Enter the number of the desired base station. Entering 0 results in automatic selection, i.e. the first available base station is selected and immediate readiness established.

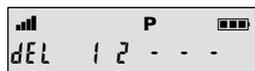
Deleting a base station

(not applicable when automatic selection is activated)

Enter the following key sequence: **P** (⊙) (R).

Press (5).

All base stations with which the handset is enrolled are displayed.



Enter the number of the desired base station. The last base station with which the handset is still enrolled cannot be deleted.

Several handsets at one base station

You can operate up to 5 handsets from one base station. Thanks to the GAP Standard, handsets from other vendors may also be used, providing these comply with the GAP Standard. Please refer to the operating instructions of both vendors should you use different makes of handset. When enrolling (see page 26) at the base station, each handset is assigned an internal number. This is the next "free" number within the base station, respectively. You can change these internal numbers, insofar as numbers are still freely available. In order to withdraw the enrolment for a specific handset, its internal telephone number must be deleted from the base station.

Programming an internal call number

Enter the following key sequence: **P** (☎)(R)(0).

Press (4).

Those numbers that can be assigned are now displayed on the handset display.



Enter the desired number. The connection is terminated and the handset is available under the new internal number with immediate effect.

Deleting an internal call number

Enter the following key sequence: **P** (☎)(R)(0).

Press (5).

All numbers that have been assigned are displayed on the handset display.

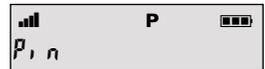


Enter the number you wish to delete.

Press (unlock).

Enter PIN.

Press (unlock).



Single Call / Collective Call

If several handsets are operated on a base station, they can be called either selectively or collectively.

Press (unlock) and enter the internal number (single call, internal call possible)

or

Press (unlock) and (* (collective call, internal call possible with first handset to be activated).

Answering machine (BeeTel voice / BeeTel voice XL)

General

Your BeeTel voice comes with a digital answering machine integrated in the base station. The recording capacity amounts to a maximum of 16 minutes, depending on the recording quality.

You can record two different announcement texts; Announcement text 1 is for operation with message recording activated, while Announcement text 2 is for operation without messages being recorded.

Once the memory capacity is exhausted, the answering machine switches automatically from the "Announcement with recording" mode (Announcement 1) to "Announcement only" mode (Announcement 2). If no announcement has been specified, the answering machine no longer records any incoming messages.

Both the announcements and the recorded messages are retained in the event of a power shortage. Before using for the first time, it is imperative that at least one announcement be recorded; if no announcement has been recorded, the answering machine cannot be activated.

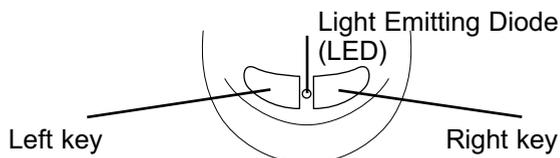
New messages are indicated by the LED on the base station flashing.

In addition to the number of rings before the answering machine intercepts an incoming call, you can also specify a maximum length for incoming messages. In the event of a pause of more than 5 seconds, the recording is stopped automatically.

The Memo function allows you to record a message which can be played back like a normal recorded message (see page 31).

Operating elements

All functions of the answering machine, as well as its programming, are performed via the handset only. The precise operating steps are described on the following pages. The keys on the base station allow limited operation of the answering machine. By operating the answering machine via the base station keys, recorded messages are played back via the speaker integrated in the base station.



Control displays

The LEDs on the base station and the display on the handset serve as control displays.

The base station LED indicates the following states:

- Off - Answering machine is off
- Steady - Answering machine is on with announcement text 1
- Long on / short off - Answ. mach. is on with announc. text 2
- Flashes uniformly - Recording announcement
- Flashes quickly - 10 seconds remaining to record announcement text
- Flashes rapidly - Answering machine is on, new message(s) available
- Long on / 2 x short flash - Answering machine is on, old message(s) available
- Long off / Short on - Answering machine is off, message(s) available (either new or old)

The handset display texts have the following meanings:

- Ad (answering device) - Answering machine
- old (old) - Old message(s)
- new (new) - New message(s)
- dist (distance) - Remote control
- dist req (distance request) - Remote request
- H₁ (high) - 16 minutes
- L₈ (low) - 8 minutes
- Ad rec (Answering device record) - Recording
- LoudSP - Speaker
- LoudNESS - Volume

Master handset

You can define a "Master Handset" per base station. This gives you the option when operating the answering machine with the base station keys of tracing the message playback and information on old and new messages on the display of this handset.

Programming the master handset

Enter the following key sequence:  .

Press .
All enrolled handsets are displayed



Enter the number of the desired handset.

Press .

Press .

Recording announcement texts/ Memos

The telephone is ready for use and the answering machine is switched off.

- Enter the following key sequence:   
- Enter the code as follows
Record memo - 
Announcement text 1 (with recording option) - 
Announcement text 2 (without recording option) - 
- After the prompt signal, speak the announcement text into the handset microphone. Record your text in a quiet room and speak as if you were talking normally on the telephone. An announcement text must be between 10 and 60 seconds long; in the case of Memos, the preset maximum recording time for messages applies (10 ... 960 s, see page 33). The LED on the base station flashes slowly while you are recording your texts. 10 seconds before the maximum recording duration is reached (60 s), the LED starts to flash quickly.
- To stop recording, press .
- An acknowledgement tone confirms your announcement text has been recorded correctly. The text is then played back for you to check (announcement texts only, not Memos).
- Terminate the connection by pressing .

Check/Delete announcement

Each time you switch your answering machine on, the announcement text currently programmed is played back for you to check it. You can delete the announcement text either by recording a new text or by deleting all announcement texts (see page 33).

Switching the answering machine on/off

The telephone is ready for use.

Operation via handset

- Enter the following key sequence:  
- Enter code 
- Enter code for announcement text:
Text 1 - 
Text 2 - 
Off - 



- Terminate the connection by pressing .

Operation via base station

- Press the right-hand key (for at least 2 seconds): Answering machine is on with Announcement text 1 and recording option, or answering machine is off

or

- Press the left-hand key (for at least 2 seconds): Answering machine is on with Announcement text 2, or answering machine is off

The answering machine can only be switched on when at least one announcement text has been recorded and the remaining message recording capacity amounts to at least 30 seconds.

The telephone is ready for use. While playing back a message / memo, no calls can be accepted and the caller hears the busy signal.

Operation via handset

- Enter the key sequence:  .

- Press .

All messages are played back in order, separated by an audible signal.



During playback:

- Press , to return to the start of the current message, or press  repeatedly to jump back to the preceding message.

or

- Press , in order to skip the current message and play back the next message. Once the last message has been played back, you will hear 3 "beeps".

or

- Press **C** () , in order to delete the current message.

- Terminate the connection by pressing .

Operation via the base station

- Press the right-hand key: playback is started

All messages are played back in order, separated by an audible signal.

During playback:

- Press the right-hand key: this skips the current message and plays back the next message.

or

- Press the left-hand key during playback: this repeats the current message from the start.

or

- Press the left-hand key during a pause: This returns you to the previous message.

or

- Press both keys simultaneously: playback stops.

Delete all messages/texts

Messages can be deleted individually during playback (see page 32) or completely (i.e. all messages) when the answering machine is in idle state. Only messages that have been played back at least once can be deleted.

Delete all messages

Operation via handset

- The answering machine is idle
- Enter the following key sequence:  # 5 .
An audible signal confirms the deletion.
- Terminate the connection by pressing .

or

Operation via base station

- The answering machine is in idle state.
- Press both keys simultaneously for longer than 2 seconds.
An audible signal confirms the deletion.

Delete all texts

Operation via handset

Enter the following key sequence:

 # 8 .

Enter PIN.

Press .



Setting the activation delay

(does not apply if toll-free distance request is activated, page 36)

Enter the number of incoming call signals required to trigger the answering machine as the activation delay. If you set this to "0", the answering machine intercepts all incoming calls immediately, without the call being indicated at any handset.

- Enter the following key sequence:  # 7 .
- Display of the current status.
e. g. 4 = 4 call signals
- Enter desired number
(0...9 / 0=immediately, without audible "ringing signal")

- Terminate connection by pressing .



Setting the maximum message duration

The maximum recording capacity is 960 seconds or 31 messages. You can specify a maximum recording time for each message. The entry is made in "seconds"; the configurable time will be between 10 s and 960 s. A speech pause of more than 5 seconds is interpreted as the end of the message; the answering machine then switches itself off before the defined eingestellten time.

- Enter the following key sequence:  # 3 .

- The current setting is displayed.

0 1 0 = 10 seconds

9 6 0 = 960 seconds



- Enter the desired message duration as a three-digit number.

- Press .

- Terminate the connection by pressing .

Setting the total recording time

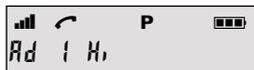
You can set the recording capacity of your answering machine to either 8 or 16 minutes. The higher capacity is achieved through data compression, which results in a slight impairment of the speech quality. This setting can be changed at any time, and has no effect on existing messages.

- Enter the following key sequence:  # 2 .

- The current status is displayed.

1 = 16 minutes (Hi)

2 = 8 minutes (Lo)



- Enter the desired number.

- Terminate the connection by pressing .

Incoming call monitoring

If the "Monitoring" function is activated, you can follow messages being recorded via the base station speaker. In this context, you also have the option of intercepting the call via a handset (-key) and speaking directly with the caller.

- Enter the following key sequence:  # .

- Enter the numerical code 0 0

0 = Monitoring off

1 = Monitoring on

- Enter the desired number.

- Terminate the connection by pressing .

Adjusting the volume

The base station volume can be adjusted in 6 increments and applies both to the playback of recorded messages and the monitoring of incoming messages.

- Enter the following key sequence:  # .

- Enter the numerical code 0 1

1 ... 6 = Volume (1 = quiet / 6 = loud)

- Enter the desired number.
- Terminate the connection by pressing .

Allow/prohibit remote control

You can specify whether or not you wish to allow remote access to the answering machine. In order to use the remote control, "DTMF" signals are required (telephone with dual-tone multifrequency dialling or a code transmitter).

If remote access is prohibited, it is not possible to access any of the answering machine functions remotely; the answering machine can only be operated "locally" in this context, i.e. via the keys on the base station or via the handset. If, however, you have allowed remote access, you can perform all functions specified in the following chapter "Remote control" on a remote basis.

- Enter the following key sequence:  .

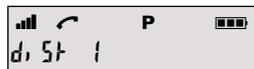
- Enter the numerical code  .

- Enter PIN and press .



- Display of the current status.

-  = Remote control prohibited
-  = Remote control allowed



- Enter the desired number.
- Terminate the connection by pressing .

Remote control

In order to operate your answering machine remotely, so-called "DTMF" signals are required (telephone with dual-tone multifrequency dialling or a code transmitter). Please note that a maximum of 20 second are available between the entry of each individual number. If you do not enter the requisite number within this time, the connection is terminated.

- If your answering machine is switched on, you will hear the announcement text. Interrupt this by entering "0". Your entry will be acknowledged by 3 audible beeps. Enter the PIN within 8 seconds of hearing this signal. Then select a function from the following table:
- If your answering machine is switched off, your call will be accepted after approx. 1 minute and you will hear a multiple signal sequence. Enter the PIN within 8 seconds of hearing this signal. Then select a function from the following table:

- # # - Play back messages
 - # - During playback: skip forward one message
 - * - During playback: skip to start of message;
Press repeatedly: skip back one message
 - # 1 0 - Switch answering machine off
 - # 1 1 - Switch answering machine on / Text 1
 - # 1 2 - Switch answering machine on / Text 2
 - # 2 1 - 16 minutes
 - # 2 2 - 8 minutes
 - # 5 - Delete all messages
 - # 6 1 PIN 0 - Remote control off
 - # 6 2 1 - Distance request on
 - # 6 2 0 - Distance request off
 - # 7 0 ... 9 - Number of rings before activation
 - # 8 PIN - Delete all texts
 - # 9 0 - Record Memo *
 - # 9 1 - Record Announcement text 1 *
 - # 9 2 - Record Announcement text 2 *
- * Recording is stopped by pressing #

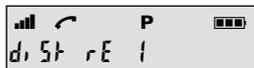
- Put down the receiver - Terminate remote access.

Toll-free distance request

This function causes the answering machine to intercept calls after the 5th ring, as long as no messages have been recorded. However, as soon as a new message is available, the answering machine intercepts all subsequent calls after the 2nd ring. The preconfigured recording time (page 33) is deactivated. If you call your BeeTel voice in order to listen to any messages on your answering machine via the remote control function, the call is only intercepted after the 2nd ring if new messages have been recorded and not yet played back (this also applies to a recorded Memo). However, if your telephone rings more than twice, you can terminate the connection before the answering machine intercepts your call, and no charge is incurred.

Activate/Deactivate toll-free distance request

- Enter the following key sequence:  # .
- Enter the numerical code 6 2
- Display of the current status.
 - 0 = Distance request prohibited
 - 1 = Distance request allowed
- Enter the desired number.
- Terminate the connection by pressing .



Overview of answering machine functions

Play back messages

Start
***** One mess. back
One mess. forward
c (**⊗**) Delete mess.

Set operating mode

1 **0** OFF
1 Announc. 1+ Rec.
2 Announc. 2

Total recording time

2 **1** 16 minutes
2 8 minutes

Recording duration/Message

3 **0 1 0** ...
9 6 0 s.

Master Handset

4 **1** ... **5**

Delete all old messages

5

Remote control

6 1 PIN **1** on
0 off

Toll-free distance requ.

6 2 1 on
0 off

Activation delay

7 **0** ... **9** (0=immediately)

Delete all texts

8 PIN **1**

Record

9 **0** Memo
1 Announc. text 1
2 Announc. text 2

Monitor incoming calls at base station

0 0 1 on
0 off

Base station volume (monitoring/messages)

0 1 **1** ... **6** (volume)

Answering machine functions with other handsets

When using third-party handsets with your BeeTel base station, all procedures are commenced as described in the corresponding user instructions.

Appendix

Care and Maintenance

Your telephone is a product of the highest quality design and workmanship and should therefore be treated with care. The suggestions that follow will help you get the most out of this product for a considerable length of time.

Observe all safety instructions on page 4. These instructions apply similarly to the handset, base station / charging unit and the batteries (the complete telephone), as well as to the accessories.

Before you clean the telephone, disconnect the base station / charging unit from the mains. Wipe them with an anti-static cloth or a soft, slightly damp leather cloth and then with a dry cloth.

Note: Never spray your telephone with a cleaning agent or solvent. Clean the charging contacts of the handset and the base station / charging unit with a lint-free cloth.

If your telephone or one of the accessories does not function properly, please contact your supplier's customer service. Before doing so, it may be advisable to disconnect the mains adaptor, reconnect it and briefly remove the batteries - your telephone may possibly be in an undefined state, in which case this measure will eliminate the "fault".

Service and Warranty

Your telephone has a warranty period of 12 months from the date of purchase.

If a defect occurs that cannot be remedied with the help of our Hotline, please send the entire telephone (with mains adaptor, connection cable and a copy of the receipt, as well as a precise description of the fault) to the following address:

**DeTeWe Deutsche Telephonwerke AG & Co.
Service Center Berlin
Wendenschlossstr. 142, D-12557 Berlin**

If you send your telephone to us without prior consultation, we will be forced to charge a handling fee in the event the telephone is in flawless condition.

Technical Data

Standard	DECT / GAP
Frequency range	1880 - 1900 MHz
Transmission output	10 mW (mean value)
Range	
Indoors	approx. 30 m
Outdoors	approx. 300 m
Power supply	
Charging unit/Base station	230 V / 50 Hz via mains adapter
Handset	2 NiCd-AA batteries, e.g. Sanyo N-3U, 700 mAh NiCd (can be swapped for NiMH)
Operating times (700 mAh NiCd)	
Call time	up to 10 hours
Standby time	up to 100 hours
Operating temperature	+0 °C to +40 °C
Storage temperature	-5 °C to +45 °C
Dimensions	
Handset	H x W x D: 157 x 60 x 28 mm
Base station	H x W x D: 75 x 143 x 180 mm (with antenna)
Weight of handset	150 g (incl. batteries)

Accessories

The following accessories are available:

- Additional handsets with charging unit for operation with the base station (max. 5 handsets can be enrolled at one base station)

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The BeeTel cordless telephone fulfils the requirements of the following EU Directives:

91/263/EWG	Telecommunication terminal equipment
73/23/EWG	Low-voltage devices
89/336/EWG	Electromagnetic compatibility

The BeeTel bears the CE conformity symbol to verify this.

Mat. No. 72744.***
Status: Date 10/00
Subject to technical changes