

DECT80

The funkwerk DECT80 is an easy-to-use wireless DECT telephone set (GAP standard) for attachment to the analogue ports of the ICT and T series PBX. A clean design and a back-lit colour display ensure the unit will compliment any office. Four lines with 16 characters provide ample space for showing caller information from the built-in telephone directory, the caller list or the FEC PAX directory. All operations and settings on the DECT80 are guided by menus. The DECT80 is the ideal product for employees who spend much time roaming the building or a corporate campus. With its battery standby time of 100 hours and ten hours of airtime it is the ideal companion for people who depend on their telephone. Vital functions like the Recall and number display for incoming calls (CLIP, (CLIP off Hook) are supported. In conjunction with current elmeg / Funkwerk IPABX systems names from the IPABX telephone directory may be displayed for incoming calls. Likewise, the date and time information may be sourced from the PABX system. The DECT80 complements the lower end of the product portfolio by adding a reasonably priced telephone set.



Features DECT80

Feature Highlights

- Analogue phone according to DECT / GAP standards
- Multicolour graphic display with backlighting
- Presentation of caller party number, also during an existing connection (CLIP FSK, CLIP off Hook)
- Presentation of names from the PBX internal phonebook (CNIP) *)
- Automatic synchronisation of date and time from the PBX system *)
- Open listening, hands-free calling from the handset
- Internal phonebook and VIP memory
- R- / Flash-key for controlling and handling of PBX functions (E.g. enquiry calls, brokers calls, 3 PTY conference calls, switching calls)

Features

- Multicolour graphic display with:
- 4 lines, 16 characters (98 * 67 Pixel)
- 4096 colours
- Dimmed backlight
- Display contrast adjustable
- Colour scheme and background picture configurable
- Display languages: English (default), German, French, Italian, Spanish, Portuguese, Polish, Dutch
- Number presentation (CLIP)
- Number presentation of a waiting call (CLIP off Hook)
- Presentation of names from the PBX phonebook (CNIP) *)
- Presentation of date and time, manual configurable
- Presentation of call duration time
- Handset name configurable (display presented)
- Ringing melody configurable



- Handset: 5 standard melodies, 10 polyphone melodies
- Base station: 5 standard melodies
- Loudness of ringing melody configurable (handset and base)
- Warning tones for remaining battery power and DECT range
- Ringer mute at the handset
- Integrated phonebook
- 100 entries with name and numbers
- Name: 15 characters at max., Number: 24 digits at max.
- VIP memory, 10 additional entries
- 10 entries with name and number
- Name: 15 characters at max., Number: 24 digits at max.
- Caller list of missed calls, 20 entries
- Redial list, 20 entries
- Tone / MF and Pulse dialling
- On hook dialling without previous line occupancy
- Off hook dialling with previous line occupancy
- Open listening, hands-free calling from the handset
- Earpiece loudness configurable
- Hands-free loudness configurable
- Microphone mute during a connection
- R- / Flash key
- Call hold, brokers call, 3 PTY conference call, call switching with elmeg / funkwerk pbx

Systems

- Automatically synchronisation of date and time from the PBX system *)
- Key lock manual
- Key tones
- Warning tone for remaining battery time
- Warning tone for missing DECT range
- Automatic call acceptance with removing from the base station
- Paging, searching of handsets from the base station
- Connecting at PBX systems
- Flash time configurable
- Line access digit configurable
- Direct call with 4digit PIN
- Emergency numbers (4 numbers at maximum)
- Sending and receiving SMS
- Enregister up to 5 handsets per base station
- Enregister handset at up to 4 base station

Technical Data

Base Station

- Housing colour silver-grey, black
- Power supply with external PSU, EU or UK version (220/230 V~, 50 Hz, ca. 3 VA)
- Size: approx. 103 x 127 x 45 mm (L x W x H)
- Weight: ca. 127 g (Power supply unit approx. 210 g)
- Socket for line connection cord (RJ11)
- Socket for external PSU

Handset

- Housing colour silver-grey, black
- 2 Rechargeable batteries, type AAA, NiMH, 750 mAh



- Stand-by time: 100 Hours
- Speaking time: 10 Hours
- Recharging time: ca. 14 Hours
- Dimensions: approx. 122 x 48 x 28 mm (L x W x H)
- Weight: approx. 113 g without batteries, ca. 138 g with batteries

Radio standard: DECT / GAP

- Channels: 120 duplex channels
- Frequencies: 1.880 MHz to 1.900 MHz
- Duplex mode: Time multiplex, 10ms frame length
- Channel grid: 1728 kHz
- Bit rate: 1152 kBit / s
- Modulation: GFSK
- Voice coding: 32 kBit / s
- Transmitting power: 10 mW (average power per channel)
- Range: up to 300 meters in the open, up to 50 meters in buildings
- Function of the R button: Flash (80 ms to 1000 ms)
- Phone connecting cord assignment: TSV wired to pins 3 and 4 (according to CTR37, Euro assignment)
- Usage temperature: +5 °C to +40 °C
- Relative humidity: 20% to 70%
- Packaging
- Weight (completely): ca. 820 g
- Dimension: approx. 172 x 152 x 100 mm (L x W x H)
- Storage temperature: -10 °C to +60 °C

Shipment (EU Version)

- Base Station
- Handset
- EU power supply unit, type SNG 11 ea
- 2 rechargeable batteries, type AAA, NiMH, 750 mAh
- Belt clip
- Phone connection cable:
- Western RJ11 – Western RJ11
- Western RJ11 – TAE
- User guide, 6 languages (English, German, French, Italian, Spanish, Portuguese)**
- Shipment (UK Version)
- Base Station
- Handset
- UK power supply unit type SNG 11 ea
- 2 rechargeable batteries, type AAA, NiMH, 750 mAh
- Belt clip
- Phone connection cable:
 - Western RJ11 – Western RJ11
 - Western RJ11 – Western BT
- User guide, 6 languages (English, German, French, Italian, Spanish, Portuguese)**

)* Depends on the type and firmware version of the connected PBX, currently supported with elmeg T240,

elmeg T444, elmeg T484 and elmeg ICT

)** Completely user guide in English and German languages available for download from the internet

modular expansion

