

DECT Handsets

DECT Handsets for nearly all daily demands

Introduction

The DECT handset family brings professional mobile fixed-line telephony to our voice-data communications systems. Optimized for DECT systems and the be.IP product family, they combine versatile telephony functions with a ton of convenient extra features. An illuminated TFT color display combined with a modern graphical user interface means all handsets are easy and comfortable to use.

Different models have been developed to cover the most common user demands: D132 –perfect allrounder for daily use –, D142 – stylish and elegant –, and the D152R – robust for rough industrial or outdoor environments.

Destacar

- DECT handsets for cordless system telephony
- Easy-to-operate, intuitive user interface
- Large illuminated color display
- HD audio for excellent acoustic quality
- Corded or cordless headset connectivity
- Scratch and disinfectant resistant
- Over-the-air software updates (SUOTA)

Interfaces

Compatible with the Teldat DECT solution	Yes
Bluetooth® 4.2	Yes
Micro-USB	Yes
3.5 mm headset connector	Yes
Charging function	Yes



Competitive Advantage

Professional DECT telephony	Mobile system telephony that is highly robust, simple and comfortable to use. Always the best practical device to meet the main user demands.
Multiple functions	Versatile built-in features can be integrated in the system using comfortable system functionalities.
HD audio quality	Excellent audio quality for standard use, via handsfree talking, with corded and cordless Bluetooth headsets.
Long battery life	DECT technology ensures the best coverage range while minimizing energy consumption for longer battery life.

Key Features

- **Cordless DECT telephony** DECT handsets combine convenient, comfortable telephony functions with the flexibility and mobility of DECT handsets in single or multicell solutions.
- **Brilliant colorful display** All handsets have been equipped with a large illuminated 2.4-inch TFT color display and modern graphical user interface for easy viewing and dialing.
- **Scratch and disinfectant resistant** The display, housing and keyboard have a high quality surface to protect them from scratches and disinfectants, meaning the handsets can be cleaned to eliminate bacteria and viruses.
- **Central and local phone book** Direct access to a central phone book provided by the be.IP family. In addition, the handset itself has a local phone book for up to 500 entries.
- **Cordless telephony** The handsets offer a variety of convenient telephony features such as provisioning via PBX, direct access to a central phonebook, comprehensive notifications (not only for voice mail) and easy call forwarding setup.
- **Great HD audio voice quality** Excellent sound quality thanks to HD audio. Integrated hands-free talking, corded headset support and Bluetooth® headset support (both supporting a wide range of wired and wireless headsets) provide great flexibility.
- **Versatile built-in handset functions** Among the many built-in features of the handsets are a vibrating alert for when you are in meetings, no ringing in the charging cradle for parallel calls, and key lock with PIN protection to prevent unauthorized use.
- **Family of three handsets** Daily allrounder, elegant and stylish, or ruggedized for the toughest environments – handsets covering the most common user demands. Perfectly compatible with DECT solutions in combination with be.IP swift.

CARACTERÍSTICA TÉCNICA DEL HARDWARE

Display

Illuminated, graphical 2.4"-TFT QVGA color display, dimensions (H x W mm) 49 x 37; resolution 240 x 320 Pixel, up to 8 lines and 65,000 colors

Color | dimension handset | dimension charger

D132: Anthracite | HxWxD in mm 151x49x26 | HxWxD in mm 40x81x80

D142: Black | HxWxD in mm 31x66x49 | HxWxD in mm 127x48x20

D152R: Black | HxWxD in mm 159x54x25 | HxWxD in mm 76x75x45

DECT range

Indoor range: up to 50 meters | Outdoor range: up to 300 meters

Keypad and LEDs

Illuminated keyboard and message waiting indicator key (amber-colored); 5 navigation keys, separate R-button, display keys, function keys, volume adjustment, scratch and disinfectant resistant (D152R only)

Battery | battery lifetime

D132: 2x AAA (NiMH) | stand-by time 300 h | talk time 12 h

D142: 1x Battery pack (Li-Ion) | stand-by time 300 h | talk time 15 h

D152R: 2x AAA (NiMH) | stand-by time 320 h | talk time 13 h

Protection class

D132: Supporting IP40 protection class avoiding ingress and metal dust

D142: none

D152R: Shockproof, dustproof and waterproof according to IP65 with non-slip

CARACTERÍSTICA TÉCNICA DEL SOFTWARE

Convenience phoning essentials

Address book (500 entries), redial (20 last numbers); 3x caller lists (20 entries each); CLIP/CNIP; automatic redial; organizer with calendar and reminder functions; info services;

Sound Quality

32 Ringtones/melodies 6 alarm tones; selectable audio profiles 5 volume levels and crescendo, loudspeaker; hands free talking; with excellent audio quality HD Audio supporting HDSP™/CAT-IQ 2.01;

Software & management

Optimized for single and multi-cell DECT solutions, software update over the air (SUOTA) managed by DECT solutions and be.IP swift system

Display/Menu

Languages: Multilingual menu for up to 27 languages; Display: Charging status; DECT coverage (handset to base station); date, time; call duration; screensaver;

Messaging functions

SMS: Up to 4 personalized SMS in-boxes;

E-Mail: Email notification;

SMS, E-Mail: SMS up to 612 chars, E-Mail

CARACTERÍSTICA TÉCNICAS ADICIONALES

ECO -DECT features

Energy-saving power supply unit; ECO mode (manual reduction of base station & handset transmission power); automatic reduction of transmission power depending on distance

Warranty

2-year manufacturer warranty

Scope of delivery

Handset, battery cover, batteries (D132, D152R) or battery pack (D142), belt clip, charger, power supply unit, quick installation guide

Article numbers

elmeg D132: 5530000360

elmeg D142: 5530000361

elmeg D152R: 5530000362



Scenarios

Ficha técnica DECT Handsets



Founded in 1985, Teldat is a Spanish company whose mission is to provide companies with valuable solutions for cloud access, remote office communications, cybersecurity and voice/data connectivity both in the office and in specific environments whether they are industrial, railway, vehicles or public services.

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