Mitel 712dt DECT Handset

A handset that fulfills high demands on communication in easy-to-use format for basic users in a business context

KEY FEATURES

- Large 2.4" TFT color LCD backlight display
- (240 x 320 pixels 64K)
- Built using plastics protected with an antimicrobial compound from BioCote*
- Speaker grid on backside for excellent audio quality
- Excellent battery capacity
- Battery Li-Ion 3.7 V 920 mAh
- USB Type-C charging port to support the new EU regulations
- Headset port 3.5mm
- IP44 rating



BioCote PROTECTED

Enjoy seamless connectivity anywhere in your office network

The Mitel 712dt DECT Handset is the entry level handset model in the new Mitel 700 SIP-DECT family. The handset fulfills the high demands on communication in easy-to-use format for basic users in a business context. The 712dt handset is built using plastics protected with an antimicrobial compound from BioCote*. Ideal for DECT users in shared workspaces.

New Industrial Design

A new compelling handset design to take DECT mobile communication into future with simplicity, elegance and durability. The 712dt series come with new fresh GUI design, that includes new color scheme, new icons and new navigation, which is based on Mitel's vast experience from decades in the DECT handset market and from our end-customers' feedback from various markets.

Designed for Your Business

Its local phone book contains up to 200 contacts with 7 entries each (platform dependent). The redial list allows quick access to the last 30 numbers dialed. The large TFT backlit color display provides clear graphic displays and ideal legibility even under difficult lighting conditions. With the built-in hands-free functionality, the phones provide excellent comfort for normal telephone calls as well as for telephone conferences.

Mitel
Powering connections

Handset Features

- *High resolution 2.4-inch TFT color LCD backlight display (240 x 320 pixels 64K)*
- *Adjustable display brightness*
- *Colored logo backprinted on glass*
- *New fresh GUI design, that includes new color scheme, new icons and new navigation*
- *4-way Navkey*
- *Directory with capacity for 200 contacts[1] with 7 possible entries each (office, private, and mobile number, email address[1], fax[1], quick dial, ringing tone[1], and name assignment)*
- *Up to 5 audio profiles can be configured*
- *Different ring tones for: internal and external calls, messages, alarm and emergency calls*
- *44 polyphone ring tones (Midi type), 29 normal ring tones and 7 alarm tones with automatic volume control*
- *Automatic and manual key lock (shortcut: pound)*
- *Handset lock option with 4-digit PIN*
- *Automatic answer when removed from the charger*
- *Caller list with 50 entries and redial list with 30 entries[1]*
- *A modern USB-C and dedicated 3.5 mm standard headset port*
- *Side buttons for Volume / Mute*
- *USB Type-C charging port*
- *Display languages: Czech, Danish, Dutch, German, English, Finnish, French, Italian, Norwegian, Polish, Portuguese, Russian, Slovene, Spanish, Swedish, Turkish*



The Mitel DECT solution

Mitel continues to lead the global DECT handset market by providing unique DECT solutions that deliver over-the-air synchronization, enhanced signal strength, advanced security protocols, HiQ audio quality. The new attractive handsets bring DECT mobile communications into the future with simplicity, elegance and durability.

Antimicrobial

Mitel's 712dt DECT handsets are built using plastics treated with an antimicrobial compound from BioCote that is shown to inhibit the growth of certain bacteria on the phone's plastic surfaces.*

The handset's design also minimizes crevices and holes that might collect germs, dirt, and grime. Making It perfect for use in hospitals, schools, and care homes.

Display

The new large 2.4" DECT handset display applies leading technologies characterized by exceptional performance, user-friendliness, high reliability and a compact format to deliver a new visual experience with DECT communication.

Audio

712dt DECT series supports the 3.5 mm headphone jack to support most used headsets cords in the market. For handsfree mode, the handset now has a speaker and speaker grid on backside of the handset to provide excellent duplex audio speaker quality.

Charging

The new 700d DECT series can be charged from the desktop charger, rack charger or battery rack charger (that allows for quick replacement of battery). The handset now supports the USB-C to allow for the most common cord charge in market. Using the USB-C also follows the latest EU requirement for all new mobile devices.

Compatibility

The new 700d DECT series requires the latest Mitel SIP-DECT release and will work together with the existing 600d DECT handsets and Mitel SIP DECT base stations. Utilize your existing investment in Mitel infrastructure - No need to rip-and-replace.

Display

- *Large 2.4", TFT color LCD backlight display*
- *Leverage liquid crystals aligned in parallel to produce rich colors*
- *Multiple colors with high resolution, 262 K individual colors 240 × 320 pixel LCD with white LED backlight*

Audio and Codecs

- *Loudspeaker:*
  Duplex loud speaking function
- *Earpiece adjustable in 10 steps of 3dB each*
- *Voice codecs: G.726, BV32 Wideband*
- *Ring signal:*
  Maximum sound level 90 dBA SPL @ 10 cm and adjustable in 8 steps

Connectors

- *Multi-purpose connector:*
  » *USB-C for fast software download and battery charging*
  » *USB Type-C charging port to support the new EU regulations*
- *Headset connector:*
  » *Standard 3.5 mm*

DECT Standards

- *Standards: DECT, GAP*
- *Supports DECT standard encryption*
- *DECT security certified*

User Interaction

- *Indicator:*
  Sound indicates incoming call/message and multicolor LED on top for visual indication of incoming call / message
- *Buttons & Keys:*
  3 soft keys, 4-way navigation key, off-hook key, on-hook and power on/off on the same key, numerical keys, sound off key, volume up/down, mute button, configurable buttons

Environmental

Temperature

- *Operating temperature:*
  - » *-5°C to 45°C*
- *Storage temperature:*
  - » *-20°C to 60°C*
- *Charging temperature*
  - » *+5°C to 45°C*
- *Humidity range:*
  - » *0-90% on condensing*

Environmental Test

- *IEC 60068-2-70: Abrasion of markings and letterings caused by rubbing of fingers and hands*
  - » *Keypad actuation test: 200,000 strokes/key on keypad*
- *Enclosure protection:*
  - » *IP44, IEC EN 60529*
- *Free fall test (IEC 60068-2-31):*
  - » *1.2 meter (12 times)*
- *Immunity of electromagnetic fields:*
  - » *3V/m (EN 61000-4-3)*
- *Immunity of ESD:*
  - » *8 KV contact discharge and 15 kV air discharge (EN 61000-4-2)*

Battery

- *Li-Ion 3.7 V 920 mA*
- *Charge time: less than 4 hours*
- *Stand-by-time: up to 150h*
- *Call time: up to 12h*
- *Discharge/charge cycles:*
  - » *>=80% capacity left after 400 full charge/discharge cycles*

Radio

Frequency Range

- *1880-1900 MHz*
  - » *Europe, Africa, Middle East, Australia, New Zealand and parts of Asia*
- *1920–1930 MHz*
  - » *US*
- *1910 MHz*
  - » *Thailand*
- *1910–1920 MHz*
  - » *Brazil*
- *1910–1920 MHz*
  - » *Latin America*

Other

- *Modulation: GFSK*
- *Channel spacing: 1,728 MHz*
- *Antenna: Integral*
- *Sensitivity: -93dBm*
- *Maximum average power*
  - » *EU/LA/BR: 20 mW (BV32 fullslot)*
  - » *US: 8 mW (BV32 fullslot)*

Safety

- *European and UK:*
  - » *EN 62368-1*
- *USA:*
  - » *UL 62368-1*
- *Canada:*
  - » *CSA 60950-1,*
  - » *CAN/CSA-C22.2 NO. 62368-1*

European and UK Regulations

- *European Union:*
  - » *2014/53/EU (RED)*
  - » *2015/863 (RoHS3) amending directive 2011/65/EU*
  - » *22012/19/EU (WEEE)*
  - » *94/62/EC with amendment 2015/720 (Packaging and packaging waste)*
  - » *22006/66/EC (Battery Directive)*
  - » *Regulation 1907/2006 (REACH)*
- *UK:*
  - » *FCC Part 15D*
  - » *FCC Part 15B*

EMC/Radio

- *European Union and UK:*
  - » *EN 301489-6*
  - » *EN 301489-1*
  - » *EN 301406 (Radio)*
- *USA:*
  - » *FCC Part 15D*
  - » *FCC Part 15B*
- *Canada*
  - » *RSS-213*
- *Australian and New Zealand*
  - » *Radiocommunications Act 1992*
  - » *Telecommunications Act 1997*

Product Marking

- *European Union:*
  - » *CE*
  - » *UK Conformity Assessed*
  - » *WEEE 2002/96/EC*
- *USA:*
  - » *CSA*
  - » *FCC ID:BXZDH9*
  - » *HAC*
- *Canada*
  - » *CSA*
  - » *IC: 3724B-DH9*
- *Australian and New Zealand*
  - » *R-NZ*

Other

- *Size (l x w x d): 146 x 56 x 22 mm / 5.7 x 2.2 x 0.9 in (excl. clip)*
- *Weight: 154 g (incl. clip) (5.4 oz)*
- *Talk time:*
  - » *Standard battery up to 15 h (fully charged) for North America*
  - » *Standard battery up to 12 h (fully charged) for other countries*
- *Standby time:*
  - » *Standard battery up to 105 h (fully charged) for North America*
  - » *Standard battery up to 110 h (fully charged) for other countries*
- *Material: Covers: PC/ABS, Key pad: ABS, Clip: PA*
- *Clip: Basic clip*

Accessories

- *Mitel 700d Desktop Charger*
- *Mitel 700d Battery Rack Charger*
- *Mitel 700d Charger Rack (Set)*
- *Security Chain*
- *Carrying Case*
- *Mitel 712dt Battery Pack*
- *Mitel 712dt Security/Swivel Clip*
- *Mitel 712dt Basic Clip*
- *Silicon Case*

[1] Must be supported by platform

*Tested against certain viruses, not including COVID-19.
Note: BioCote® technology does not protect users or others against disease-causing microbes including the COVID-19 and is not a substitute for good hygiene and/or cleaning practices. BioCote® antimicrobial additives are EPA(US) registered. BioCote® is the registered trademark of Biocote Limited.

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