Aastra DT690 and DT390 Cordless Phones

» Making cordless work for you

DT690
» The clear choice for demanding users

The DT690 is the clear choice for demanding office users, but is also developed for use in other types of environments such as hospitals, as the phone is cleanable with a damp cloth.

The DT690 has a modern design and the color display with its intuitive menu structure is recognizable by the mobile phone user. The keys are handy to use and the phonebook can be accessed simply by pressing a key. The multifunction key, in a convenient position on top of the phone, allows for customized functionality, which can be set by the user.

Besides offering excellent telephony, the DT690 supports the sending and receiving of SMS messages.

The DT690 comes in two versions, a standard version and a version with Bluetooth connectivity enabled. The user can choose from different brands of Bluetooth headsets that are available on the market.

DT690 Features and Advantages

- Intuitive menu structure and icons with advanced feature settings
- Color display
- Ergonomic positioning of a multifunction key with a customized feature
- Hands-free
- One DT690 version with Bluetooth connectivity
- CPDM (Central Portable Device Manager) support
- Easy to upgrade
- Easily replaceable battery that can be recharged separately
- Virtual SIM
- Easy access to PBX services (e.g. voice mail)
- Cleanable with a damp cloth
- Manual and automatic keypad lock
- 3 programmable softkeys
- 9 programmable hotkeys
- One programmable multifunction key in a convenient position on top of the phone
- Company phonebook with 1,000 entries that can be updated from CPDM*

- Central phonebook supported via an ODBC/LDAP interface
- Local phonebook with 250 entries for every phone, independent of the system support
- Call list that shows the 25 last calls
- Sending/receiving messages (SMS)
- Message acknowledgement
- Standard 2.5 mm headset connector
- Loudspeaker function
- Vibration enabled
- Muting function
- 14 different ring tones available on the phone for an Internal Call, External Call, and Callback
- GAP/CAP compliant

*next release

DT390
» The essence of simplicity

The DT390 is the essence of simplicity. With its modern design and easy-to-use display, this is the choice for the pure office environment.

The DT390 has an illuminated black/white and gray scale display. The menus are logical and some functions such as the central phonebook are pre-defined, enabling easy access to commonly used features (such as corporate directory). The DT390 offers a vibrating function and a standard headset connector as well as support for a loudspeaker function.

With the virtual SIM, the user settings are saved on the server, which simplifies the management of the phone.

DT390 Features and Advantages

- Intuitive menu structure and icons

- Large illuminated black/white and gray scale display

- Hands-free

- CPDM (Central Portable Device Manager) support

- Easy to upgrade

- Virtual SIM

- Easy access to PBX services (e.g. voice mail)

- Manual and automatic keypad lock

- Company phonebook with 500 entries that can be updated from CPDM*

- Local phonebook with 250 entries on every phone, independent of the system support

- Central phonebook supported via ODBC/LDAP interface

- Call list that shows the last 25 calls

- Standard 2.5 mm headset connector

- Loudspeaker function

- Vibrating function

- Muting function

- 14 different ring tones available on the phone for an Internal Call, External Call, and Callback

- GAP/CAP compliant

*next release

Accessories

- Desk charger DT690/390, for charging the phone
- Desk PDM charger DT690/390, for charging and management of the phones
- Rack charger*
- Battery pack charger*
- Security/swivel clip DT690
- Security/swivel clip DT390
- Carrying case DT690
- Carrying case DT390
- Headset with a microphone on a cable
- Headset with a microphone on a boom

Technical Requirements

The DT690 and DT390 are not designed for use outdoors or in harsh environments and are not to be used where intrinsically safe devices are required. The DT390 is not designed for use in a hospital environment due to cleaning requirements and IP classification.

The DT690 and DT390 are DECT GAP/CAP compliant. The phones cannot be used with older A/B protocol systems. The DT690 and DT390 can be used with all Aastra DECT GAP/CAP compliant business cordless phone systems. DT690 and DT390 have not been tested with other vendors' systems and operation with such systems cannot be guaranteed.

* next release

Spare Parts

- Battery pack (incl. lid) for DT690
- Battery lid DT390
- Battery for DT390
- Standard clip DT690
- Standard clip DT390

Desk Charger Selection

The DT690 and DT390 cordless phone sets do not include a charger. One of the charger sets below needs to be selected.

- Desk charger set for EU, LA
- Desk charger set for AU, US, UK
- Desk PDM charger for EU, LA
- Desk PDM charger for UK
- Desk PDM charget for AU
- Desk PDM charger for US

Management of the Phones

For the management of the DT690 and DT390 cordless phones, there are two alternatives available, a PC solution docking with a local Desk PDM charger and the central management of the phone via the Desk PDM charger or the Rack PDM charger*.

PDM

The PC solution, Desk PDM (Desk Portable Device Manager), supports the configuration of phones, with all its parameters, as well as software upgrades. The Desk PDM software is installed on the PC and connected to the Desk PDM via a USB cable that is included in the package. There is a database to store all of the phone configurations but only one phone can be managed at a time.

CPDM

The CPDM (Central Portable Device Manager) solution has the same functionality as the PC based solution but is centralized and can handle multiple phones simultaneously. It works with LAN connected Desk PDM chargers and Rack PDM chargers*. Phones can, therefore, be handled on-site or remotely. This saves considerable time for the administrator and means that new settings or software versions will automatically be downloaded next time the user places the phone in the Desk PDM charger or Rack PDM charger*.

A maximum of 1,000 phones can be managed per CPDM.

*next release

Basic Features Supported by CPDM

- Software upgrade of DT690 and DT390
- Can handle multiple phones simultaneously
- Configuration of DT690, DT390
- Support for phone configuration templates for easy optimization to different users' needs
- Database for the storage of all settings
- Supports easy replacement of the device since the settings are stored on the server
- Central phonebook, built-in, over ODBC or LDAP
- Web access, no client software is needed
- Supports SMS between phones (DT690)
- Basic SMS from browser to phones
- Supports licensed features such as BAM (Basic Alarm Management)**, OAP (Open Access Protocol)

** only valid for DT4X2

Technical Specifications

Physical	DT690	DT390
General	Standard (1880-1900 MHz) Latin America (1910-1930 MHz) US (1920 - 1930 MHz)	Standard (1880-1900 MHz) Latin America (1910-1930 MHz) US (1920 - 1930 MHz)
Dimensions (l × w × d):	134 x 53 x 26 mm	133 × 53 × 24 mm
Weight:	130 g (battery and clip included)	115 g (battery and clip included)
Material:	Case: PC-ABS, Key pad: PC, Clip: PPA	Case: PC-ABS, Key pad: Silicone, Clip: PC
Color:	Gray	Gray
Display (w x h):	28 x 35 mm CSTN display	28 × 35 mm FSTN B/W
Clip:	Hinge type (standard) or swivel type	Hinge type (standard) or swivel type

Battery and charging		
Type:	Li-Pol	Li-Ion
Speech time:	20 h 13 h with Bluetooth headset in use	16 h during optimal conditions
Stand-by time:	240 h[1] 120 h[1] with Bluetooth headset in use	180 h during optimal conditions
Charge time:	Approx. 4 hours	Approx. 4 hours

[1] The stand-by time is without an activated screen saver

[2] Note that storing Li-Ion batteries at a high temperature dramatically reduces their capacity. For example, storage around maximum temperatures reduces the capacity by 20% in less than a month, permanently.

Connectors		
Multi-purpose connector:	For battery charging, software download, and configuration	For battery charging, software download, and configuration
Headset connector:	Standard 2.5 mm	Standard 2.5 mm

Audio		
Ring signal:	Adjustable in 8 steps	Adjustable in 8 steps
Earpiece:	Adjustable in 8 steps of 3dB each	Adjustable in 8 steps of 3dB each
Maximum ring signal sound level:	88 dBA at 10 cm	88 dBA at 10 cm
Loudspeaker:	Duplex loudspeaker function	Duplex loudspeaker function
Vibrating function:	Incoming call/message	Incoming call

Settings		
Languages:	18 (Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Brazilian Portuguese, Russian, Slovakian, Spanish, Swedish, and Turkish)	11 (Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Brazilian Portuguese, Spanish, Swedish)

Radio See also www.aastra.com/sdoc		
Modulation:	GFSK	GFSK
Channel spacing:	1.728 MHz	1.728 MHz
Antenna:	Integrated	Integrated
Sensitivity:	-93 dBm	-93 dBm
Radiated power: (Typical)	EU: +25 dBm EIRP US: +25 dBm EIRP	EU: +25 dBm EIRP US: +25 dBm EIRP

Environmental See also www.aastra.com/sdoc		
Operating temperature:	0°C to +40°C	0°C to +40°C
Storage temperature: [2]	-20°C to +60°C	-20°C to +60°C
Free fall test, standard product:	IEC 60068-2-32, procedure 1, dropped 12 times from 1 meter.	IEC 60068-2-32, procedure 1, dropped 12 times from 1 meter.
IP classification	IP44	IP30

Option		
Bluetooth radio:	add-on from the factory	
Radio spectrum:	ISM 2.4000-2.4835 MHz	

Compliance with European regulations and standards See also www.aastra.com/sdoc		
SAR (Specific Absorption Rate):	EN50360 and EN62209-1, 0.074 W/kg (10 grams)	EN50360 and EN62209-1, 0.075 W/kg (10 grams)

Compliance with US regulations and standards See also www.aastra.com/sdoc		
SAR (Specific Absorption Rate):	FCC/OET Bulletin 65 Supplement C and IEEE Std. 1528 / ANSI/IEEE Std. C95.1 Normal operation 0.104 W/kg (1 gram) Body worn operation 0.029 W/kg (1 gram)	FCC/OET Bulletin 65 Supplement C and IEEE Std. 1528 / ANSI/IEEE Std. C95.1 Normal operation 0.043 W/kg (1 gram) Body worn operation 0.037 W/kg (1 gram)

Compliance with Canadian regulations and standards See also www.aastra.com/sdoc		
SAR (Specific Absorption Rate):	IEEE Std C95.3 Normal operation 0.104 W/kg (1 gram) Body worn operation 0.029 W/kg (1gram)	IEEE Std C95.3 Normal operation 0.043 W/kg (1 gram) Body worn operation 0.037 W/kg (1 gram)

Compliance with Australian regulations and standards See also www.aastra.com/sdoc		
SAR (Specific Absorption Rate):	EN50360 and EN62209-1, 0.074 W/kg (10 grams)	EN50360 and EN62209-1, 0.075 W/kg (10 grams)

Supporting PBX systems		
MX-ONE™ MD Evolution BusinessPhone (Q4 2008)		

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