Aastra Cordless Telephones
DT390, DT690 and DT692

AASTRA

Aastra DT390/DT69x Cordless Telephones

The Aastra DT series offers a comprehensive portfolio addressing basic and advanced business needs with the DT390, DT690 and DT692 cordless telephones. Aastra is a pioneer in DECT technology and provides a range of products that can be customized to the different working environments where DECT is the preferred technology.

DT390 - The essence of simplicity

With its modern design and easy-to-use display, this is the best choice for a pure office environment.

The DT390 has an illuminated black/white and gray-scale display. The menus are logical and some features such as the central phone book are pre-defined, enabling easy access to commonly used features (such as corporate directory). The DT390 offers a vibrating alert feature and a standard headset connector, as well as support for a loudspeaker feature. With the virtual SIM, the user settings are saved centrally, which simplifies phone management.

Features and Benefits

- Intuitive menu structure and icons
- Large illuminated black/white and gray-scale display
- Hands-free
- CPDM3 (Central Portable Device Manager) support
- Easy to upgrade
- Virtual SIM/easy phone replacement
- Easy access to PBX services (e.g. voice mail)
- Manual and automatic keypad lock
- Company phone book with 500 entries that can be updated from CPDM3
- Central phone book supported via LDAP interface
- Call list that shows the last 25 calls
- Standard 2.5 mm headset connector
- Vibrating alert
- Loudspeaker feature
- Muting feature
- 14 different ring tones that can be individually set for internal calls, external calls and callback
- GAP/CAP compliant
- Multiple language support

DT390

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 and light industry. To meet the demands of these environments the Ingress Protection for the phone is IP44; it can thus be cleaned with a damp cloth. The DT690 has a modern and ergonomic design and is equipped with a color display with an intuitive menu structure. The keys are handy to use and the phone book can be simply accessed by pressing a key. The multifunction key, at a convenient position on top of the phone, allows for user-customized functionality. Besides offering excellent telephony, the DT690 supports sending and receiving of text messages. The DT690 comes in two versions, a standard version and a version with Bluetooth connectivity enabled. The user can freely choose from the various brands of Bluetooth headsets available on the market.

Features and Benefits

- Intuitive menu structure and icons with advanced feature settings
- Color display
- User-friendly multifunction key for user-customization of features
- One DT690 version with Bluetooth connectivity
- Hands-free operation
- CPDM3 (Central Portable Device Manager) support
- Easy to upgrade
- Easy replaceable battery that can be recharged separately
- Virtual SIM/easy phone replacement
- Easily access to PBX services (e.g. voice mail)
- Can be cleaned with a damp cloth
- Manual and automatic keypad lock
- 3 programmable soft keys
- 9 programmable hotkeys
- Company phone book with 1,000 entries that can be updated from CPDM3
- One programmable multifunction key at a convenient position on top of the phone
- Central phone book supported via an LDAP interface
- Local phone book with 250 entries for each phone, independent of system support
- Call list that shows the last 25 calls
- Sending/receiving text messages (SMS)
- Message acknowledgment

- Standard 2.5 mm headset connector
- Vibrating alert
- Loudspeaker feature
- Muting feature
- 14 different ring tones that can be individually set for internal calls, external calls and callback
- Profiles
- Dynamic output power
- Clear call list in charger, automatically
- Multiple-language support
  18 default languages + 1 customizable

DT690/DT692

DT692 - When alarms are important

The DT692 has the same design and look as the DT690, but has been enhanced with some additional features. With the added functionality for alarm and message handling, this phone specifically targets users in situations where integration between telephone communications and business operations is of importance. Typical solutions are found in hospitals, hotels, supermarkets and other large stores, as well as in light industries. Together with the alarm and messaging functionality in the CPDM3 server, the phone can be used to initiate alarms and messages as well as serve a receiver of alarms and messages from the server. In combination with alarms, the phone can also provide information about the present location of the phone (identity of the base station that the phone is presently using).

Specific Features and Benefits

- Customizable ring signals can draw attention to specific call types
- Alarm button on top of the phone, different alarms
- Acoustic Location Signaling (ALS)
- Automatic call after alarm is sent
- Location information in conjunction with alarms (based on base station ID)
- Poll location, third-party applications can request the phone location (based on base station ID)
- Received alarms can override other activities on the phone, depending on priority
- Bluetooth support

Getting the message through,
even when the line is busy

DECT SMS - Standard with Aastra Cordless Phones
Trying to contact people with busy meeting schedules and phones that are always busy can be frustrating. Especially when you need to reach someone quickly. Aastra has a simple and efficient way of getting urgent messages through, even to people who are hard to reach - text messaging to cordless phones.

Real Benefits for Busy People
✴ Availability no matter where people are or what they are doing

✴ Messages can be sent by both colleagues and applications

✴ No disruption of important business

✴ Message storage means an end to going through written telephone messages after meetings.

✴ Better time management

✴ Messages only visible to cordless phone users

DECT - Simply the Best
The DECT standard is an open standard defined by ETSI, the European Telecommunications Standards Institute, and it is supported by all major PBX suppliers. This and the excellent quality DECT offers is your guarantee that the technology is designed to suit your requirements, both today and tomorrow. DECT is simply the best technology for wireless voice communications and telephony.

Basic Features Supported by CPDM3
✴ Software application for managing devices such as handsets, desktop chargers and rack chargers:

  • Configuration of devices
  • Scheduled upgrade of device software
  • Database for storing of all device settings
✴ Can handle multiple phones simultaneously

✴ Support for phone configuration templates for easy optimization to individual user needs

✴ Database for storage of all settings

✴ Easy replacement of the device

✴ Central phone book, built-in, over LDAP

✴ Web access

✴ Handset-to-handset text messaging

✴ Basic text messaging from browser to phones

✴ Supports licensed features such as:

  • Basic Alarm Management (BAM)
  • ESPA/TAP serial protocol
  • IP-based Open Access Protocol (OAP)
✴ Runs on Elise 3 hardware

Accessories

✴ Swivel-type clip
✴ Security cord
✴ Leather casing
✴ Desk Charger
✴ Desk PDM Charger
✴ Rack PDM Charger
✴ Separate rack for battery pack charger
✴ Headset with microphone on cable
✴ Headset with microphone on boom

Phone Management

For management of cordless phones there are two alternatives - the PC solution with phones docked in a Desk PDM Charger, and the central solution using the CPDM3 server and docking phones via Desk PDM Chargers or Rack PDM Chargers.

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

CPDM3
The Central Portable Device Manager (CPDM3) solution has the same functionality as the PC-based solution, but is centralized and can manage multiple DECT phones simultaneously. The CPDM3 works with LAN-connected Desk PDM Chargers and Rack PDM Chargers. Phones can thus be managed either on-site or remotely. This saves considerable time for administrators and means that new settings or software versions will be automatically downloaded the next time the user places the phone in the Desk PDM Charger or Rack PDM Charger. A maximum of 1,000 phones can be handled by the Device Manager in CPDM3.

Chargers for DT390 / DT69x

Rack PDM Charger

Features

✴ Charges 6 handsets simultaneously

✴ Fast charging

✴ Modular for easy installation/wall mounted

✴ Compact design reduces necessary wall-space, 88 handsets/m²

✴ Power supply designed to match charging rack module

✴ Spare battery can be charged separately with an adapter

✴ One charging rack module charges 4 cordless handsets or spare batteries

✴ 3 charging rack modules per power supply

✴ Supports remote and local management of handsets

✴ USB and Ethernet connections

✴ Charging status indicated in handset display

Battery Charging Rack

Rack PDM Charger

Battery Charging Rack (not for DT390)

Features

✴ Charges batteries for DT69x and DT4x3 DECT telephones

✴ Charges 6 batteries simultaneously

✴ Wall mounted

✴ LED charging indicator for each charging position

✴ Modular for easy installation

✴ Internal power supply

Desk Charger

Features

✴ Provides charging of phones in service as well as maintenance charging of phones not used on a daily basis

✴ Charging status indicated in handset display

✴ Handset can be used with full functionality while in the charger

✴ Tilted design for stabile operation of handset and easy viewing of handset display while in the charger

Desk Charger

Desktop PDM Charger

Features

✴ Charging status indicated in handset display

✴ Supports remote and local management of handset

✴ Supports programming of handsets

✴ Tilted design for stabile operation of handset and easy viewing of telephone display

✴ Handset can be used with full functionality while in the charger

✴ Handset can automatically send absence indication when placed in charger

✴ USB and Ethernet connections

✴ Ethernet switch functionality

Desk PDM Charger

	DT390	DT690	DT692
Physical			
Dimensions (l × w × d)	133 x 53 x 24 mm	134 x 53 x 26 mm	134 x 53 x 26 mm
Weight	115 g (battery and clip included)	130 g (battery and clip included)	130 g (battery and clip included)
Material	Case: PC-ABS, Key pad: Silicone, Clip: PC	Case: PC-ABS, Key pad: PC, Clip: PPA	Case: PC-ABS, Key pad: PC, Clip: PPA
Color	Gray	Gray	Gray
Display (w x h)	28 x 35 mm FSTN B/W	28 x 35 mm CSTN display Multiple colors with high resolution, 128 x 160 pixel LCD	28 x 35 mm CSTN display Multiple colors with high resolution, 128 x 160 pixel LCD
Clip:	Hinge type (standard) or swivel type	Hinge type (standard) or swivel type	Hinge type (standard) or swivel type
Battery			
Type	Li-Ion	Li-Pol	Li-Pol
Speech time	16 hrs under optimal conditions	20 hrs (Bluetooth disabled) 13 hrs (Bluetooth in use)	20 hrs (Bluetooth disabled) 13 hrs (Bluetooth in use)
Stand-by time	180 hrs under optimal conditions	240 hrs 120 hrs (Bluetooth in use)	240 hrs 120 hrs (Bluetooth in use)
Charging time	Approx. 4 hrs	Approx. 4 hrs	Approx. 4 hrs
Connectors			
Multi-purpose connector	For battery charging, software download and configuration	For battery charging, software download and configuration	For battery charging, software download and configuration
Headset connector	Standard 2.5 mm	Standard 2.5 mm	Standard 2.5 mm
Audio			
Ring signal	Adjustable in 8 steps	Adjustable in 8 steps	Adjustable in 8 steps
Earpiece	Adjustable in 8 steps of 3dB each	Adjustable in 8 steps of 3dB each	Adjustable in 8 steps of 3dB each
Max. sound ring signal level	88 dBA at 10 cm	88 dBA at 10 cm	88 dBA at 10 cm
Loudspeaker	Duplex loudspeaking feature	Duplex loudspeaking feature	Duplex loudspeaking feature
Vibrating alert	Incoming call	Incoming call/message	Incoming call/message
Settings			
Languages	Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese (Brazilian), Spanish and Swedish	Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Spanish, Swedish, Turkish and 1 customizable	Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Spanish, Swedish, Turkish and 1 customizable
Radio			
Modulation	GFSK	GFSK	GFSK
Channel spacing	1.728 MHz	1.728 MHz	1.728 MHz
Antenna	Integrated	Integrated	Integrated
Sensitivity	-93 dBm	-93 dBm	-93 dBm
Radiated power	EU: +22 dBm EIRP US: +22 dBm EIRP	EU: +22 dBm EIRP US: +22 dBm EIRP	EU: +22 dBm EIRP US: +22 dBm EIRP

Environmental			
Operating temp.	0 ℃ to +40 ℃	0 ℃ to +40 ℃	0 ℃ to +40 ℃
Storage temp.	-20 ℃ to +60 ℃	-20 ℃ to +60 ℃	-20 ℃ to +60 ℃
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	IEC 60068-2-32, procedure 1, dropped 12 times from 1 meter
IP classification	IP40	IP44	IP44
Telephony			
Indication	14 ring signals, flashing LED and vibrator	14 ring signals, flashing LED and vibrator	14 ring signals, flashing LED and vibrator
Call list storage	25 calls (received, dialed and missed) with time stamps	25 calls (received, dialed and missed) with time stamps	25 calls (received, dialed and missed) with time stamps
Messaging			
Max message length	NA	160 characters (system dependent)	160 characters (system dependent)
Storage capacity	NA	30 received/sent messages	30 received/sent messages
Compliance with EU regulations and standards			
SAR (Specific Absorption Rate)	EN50360 and EN62209-1 (0.075 W/kg 10 grams)	EN50360 and EN62209-1 (0.074 W/kg 10 grams)	EN50360 and EN62209-1 (0.074 W/kg 10 grams)
Compliance with US regulations and standards			
SAR (Specific Absorption Rate)	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)	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 0.104 W/kg (1 gram) Body worn operation 0.029 W/kg (1 gram)
Compliance with Canadian regulations and standards			
SAR (Specific Absorption Rate)	IEEE Std. C95.3 Normal operation 0.043 W/kg (1 gram) Body worn operation 0.037 W/kg (1 gram)	IEEE Std. C95.3 Normal operation 0.104 W/kg (1 gram) Body worn operation 0.029 W/kg (1 gram)	IEEE Std. C95.3 Normal operation 0.104 W/kg (1 gram) Body worn operation 0.029 W/kg (1 gram)
Compliance with Australian regulations and standards			
SAR (Specific Absorption Rate)	EN50360 and EN62209-1, 0.075 W/kg (10 grams)	EN50360 and EN62209-1, 0.074 W/kg (10 grams)	EN50360 and EN62209-1, 0.074 W/kg (10 grams)
Supported communications systems			
MX-ONE	Yes	Yes	Yes
Aastra 700	Yes	Yes	Yes
MD Evolution	Yes	Yes	No
BusinessPhone	Yes	Yes	No

For further compliance information see www.aastra.com/sdoc

About Aastra

Aastra Technologies Limited (TSX: "AAH"), is a leading company at the forefront of the enterprise communication market. Headquartered in Concord, Ontario, Canada, Aastra develops and delivers innovative communications products and applications for businesses. Aastra's operations are truly global with more than 50 million installed lines around the world and a direct and indirect presence in more than 100 countries. Aastra is entirely dedicated to enterprise communications and offers one of the most complete portfolios of unified communications solutions individually tailored to satisfy its customers' requirements. These range from feature-rich call managers for small and medium businesses and highly scalable ones for large enterprises, integrated mobility, call centers solutions to a wide selection of terminals. With a strong focus on open standards, Aastra enables enterprises to communicate and collaborate more efficiently.

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