Next Generation DECT

Aastra 600d

A Boost to Your Business Communications

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DECT

Aastra has been a leading manufacturer and developer of DECT systems for many years. It has gathered its wealth of experience into the development of its new 600d family. With the DECT (Digital Enhanced Cordless Telecommunications) technology, these handsets offer a secure and reliable connection to the base station – no matter how dense the volume of traffic may be in a confined area. DECT connections are broadband-based, providing a considerably improved quality of speech compared with GSM mobiles. The installation of area-wide, multi-cellular radio networks means you can be reached anywhere on the company premises. DECT also offers maximum security: every time a call is set up, the handset has to log in to the base station password protected. Another asset is the DECT technology itself. DECT operates in a dedicated frequency band, which means it is shielded from interference from other radio networks. The phones can therefore be used in situations where the use of GSM phones is not recommended due to the interference potential of the radio waves, i.e. in hospitals or doctor's surgeries.

A Boost to Your Business Communications

Communications and mobility are essential to our modern professional lives. With the Aastra 600d family of mobile DECT phones, versatile communications and efficient co-operation have now become child's play. Wherever you are – at the office, on the production floor, in a warehouse or at your home office – the 600d family of handsets are your reliable communication assistants. With their clever functions, intuitive operation and tried-and-tested ergonomics, they are ideal companions in every situation of your professional life.

Your very own personal communication assistant

A good assistant is someone who adapts to your individual requirements and your habits. The 600d family of handsets not only looks good, its modern design conceals a multitude of possibilities for adapting the phone to your individual usage and communication needs. Many of its keys are user-configurable, making important functions available at a single keystroke. The configurable keys located below the display can be set up to provide quick access to the functions you use most often. There are more than 40 polyphonic and 8 non-polyphonic ring tones, allowing you to identify your mobile assistant instantly and by its ring. Different ring tones and melodies are assigned to individual callers, enabling you to know who is trying to reach you. The Aastra 620d and Aastra 630d also adapt their appearance to your personal preferences and habits, with fully customisable menus, fonts, display contrast and brightness.

Security and reliability

With their ingenious surface design the dialling keys are easy to locate at all times, even in conditions of poor visibility. The phones are equipped with noise filter and dynamic adjustment of ring tone and talk volume, so you do not miss a single call, and your call partners are always perfectly audible. This also means you can communicate with ease even when you move from a quiet office environment to a loud outdoor storage area. These sturdy handsets will even withstand a fall if they are dropped onto a concrete floor from a height of up to 2 m (Aastra 630d).

Mobile freedom

All the phones have a headset connection so you can have both hands free while on a call. As an example; your service technicians can get a machine up and running again by listening directly to the hotline instructions as they carry out the repairs. On the Aastra 620d and Aastra 630d, this can be carried out with cordless headsets using the Bluetooth interface.
The 600d family of mobile terminals is perfectly geared to the Aastra telephone systems, giving you reliable access to the many possibilities provided by the telephone system wherever you are within the company. In conjunction with Aastra's DECT-over-SIP solutions you also benefit from the possibilities and advantages of VoIP technology. As the phones support the GAP standard, they can also be integrated into the DECT systems of other manufacturers and access the relevant basic functions.

Administration made easy

By definition, the function and firmware updates keep the phones up-to-date. The 600d family makes life so much easier for administrators with the possibility of wireless updates via the radio network . All the devices are provided centrally with the same software, i.e. they do not have to be collected individually for updating. Again security and reliability are top of the agenda: updates are only installed once they are fully downloaded. Malfunctions due to incomplete updates are now a thing of the past, once and for all.

Aastra 620d

Mobile high-end for high-performance communication networks

A strong family

Aastra's 600d family provides the right mobile assistant for your communication needs, whatever the application. The phones' outstanding speech quality makes for crystal-clear mobile communications. Operation itself is so simple and intuitive that the User's Manual is certain to gather dust! The large 2" display is perfectly designed for optimum overview and good legibility.

Enjoy the possibilities

The new high-performance DECT system phones support you with a multitude of well thought-out standard and added features:

• A phone book with up to 200* contacts all with 5 entries each (work, private and mobile numbers, e-mail address and allocated ring-tone)*, giving you access to all the main contact information.

• The ambient noise filter adjusts the ring tone and talk volume to the background noise in any given situation. That means optimum in-call communications, especially in loud environments.

• There are five different application profiles to adapt the phones to any given work situation, e.g. headset or conference mode.

• The excellent sound quality makes stress-free and relaxed working possible particularly in the hands free and conference mode.

• A three-colour LED signals important events – for instance an appointment reminder, signalling an incoming call, warning when you exceed the system's range or informing you the battery's charge level.

• User-friendly, wireless function and firmware updates via the radio network*.

• The intelligent battery management guarantees an overview of the battery capacity at all times.

* This function depends on the DECT system and the PABX

The ideal phone for every requirement

Aastra 610d

Aastra 620d

Aastra 630d

Aastra 610d

The Aastra 610d is the basic model for the business sector. Its local phone book administers up to 200 contacts with 5 entries each. The redial list allows quick access to the last 20 numbers dialled. With its illuminated monochrome 2" display it guarantees an optimum overview and simple operation of the clearly structured menus at all times.

Aastra 620d

The user-friendly Aastra 620d is the high-end mobile phone for the professional. Its large TFT colour display provides clear graphic displays and ideal legibility even under difficult light conditions. The display size offers the perfect conditions for intuitive menu guidance and ergonomic operation. Many freely programmable keys support the simple navigation and the use of different lines. Equipped with a Bluetooth interface for a cordless headset, the Aastra 620d enables maximum freedom of movement. The high-quality lithium-ion battery can be charged via the USB interface, independently of the charging bay. The headset socket remains accessible, so calls can still be made via the headset while charging is in progress. An optional power battery is available for operating times of up to 200 hours in standby mode.

Aastra 630d

The sturdy Aastra 630d is designed for use in tough working environments. The device satisfies industrial standard IP 65 and with its high level of dust protection and jet-resistant it can be used anywhere outdoors or in production. It is very easy to clean and in order to comply with high hygiene requirements, making it ideally suited for the healthcare sector, too. The 630d is capable of withstanding fall heights of up to 2 m onto concrete. Not only that, it offers all the user convenience of the Aastra 620d such as a large TFT display, Bluetooth and USB interface. With its integrated "mandown" alarm the phone is ideal for security professions or the prison and detention sectors. When the "mandown" feature is activated, the phone automatically ascertains whether it is in a position that might indicate that the employee finds himself in a threatening situation – if necessary sending an alarm to a preset number. An additional emergency call key makes the 630d the ideal companion not just for security-related professions, but also for hospitals and care facilities.

Aastra-600d Details

full-scale Aastra 620d

receiver

3-color LED
signalises* standby, incoming
calls, Infos, hands-free talking,
date-reminder, alarm
(individually adjustable)

Emergency-Button

configurable Hotkey *

Aastra 610d
+/- buttons (volume)

Aastra 620d/630d
3 adjustable
side buttons
and volume

Display

3 Softkeys
partly adjustable*

speaker phone/
hands-free

Aastra 610d   Aastra 620d   Aastra 630d

Aastra 630d   Aastra 620d

navigation keys

headset connection

Mini-USB-connection

A headset allows you to telephone hands-free. This
way your service staff can work on a defect machi-
ne while following direct instructions on the phone
and repair faster and more accurate. With built-in
Bluetooth technology (Aastra 620d & 630d), this
function is also possible wireless.

microphone

* depending on system

	Aastra 610d	Aastra 620d	Aastra 630d
Highlights			
Display	LC display (2", 176 x 160 pixels, monochrome)	TFT colour display (2", 176 x 220 pixels, 65,536 colours)	TFT colour display (2", 176 x 220 pixels; 65,536 colours)
Phone book contacts, with 5 entries each (work, private and mobile numbers; e-mail address and ring-tone allocation)	200*	200*	200*
Ambient noise filter for loud environments	•	•	•
polyphonic ring tones (midi files)/non-polyphonic ring tones with automatic volume control	44/8	44/8	44/8
Setup for application profiles, e.g. for headset or conference mode	5	5	5
Hands-free	•	•	•
Headset socket	2.5 mm jack	2.5 mm jack and Bluetooth®	2.5 mm jack and Bluetooth®
Programmable hotkey for call numbers or functions		1	1
Programmable sidekeys / navigation / softkeys*	- / 2 / 2	3 / 2 / 2	3 / 2 / 2
Emergency key on the device			•
Intelligent battery management	•	•	•
3-coloured multifunctional LED in the top right-hand corner	•	•	•
USB - PC interface		•	•
Administration			
Automatic firmware update "Over Air"*	•	•	•
Integrated diagnostics functions	•	•	•
Local features			
Telephone lock with 4-digit PIN	•	•	•
Illuminated keypad	•	•	•
Different tones for: internal & external calls, messages, alarm calls, emergency calls *	•	•	•
Softkeys/programmable keys	3/2	3/8	3/8
Different handset, loudspeaker and headset volume	•	•	•
Adjustable ring tone volume	•	•	•
Ring tone download via the system*	•	•	•
Ringing tone deactivation via key (*)	•	•	•
Signal tones for keypress, confirmation, battery status, range warning	•	•	•
Illumination time for keypad and display separately configurable within and outside the charger	•	•	•
Lines on the display	6 text, 1 header and 1 softkey line	7 text, 1 header and 1 softkey line	7 text, 1 header and 1 softkey line
Configurable handset name	•	•	•
Configurable display contrast/brightness	• / -	- / •	- / •
3 different character fonts for text display in different sizes		•	•
Alarm and appointment settings for 3 different times each	•	•	•
Selectable background image		•	•
Auto answer when the handset is removed from the charger cradle	•	•	•
Automatic / manual key lock	•	•	•
Selectable colour schemes		•	•
+,- Keys for volume control	•	•	•
Silent charging	•	•	•
Vibra alarm		•	•
Caller list	30 entries*	50 entries*	50 entries*
Redial list	20 entries*	30 entries*	30 entries*
Display languages:	DE, EN, FR. IT, ES, FI, NL, SV, DA, PT, NO, RU*	DE, EN, FR. IT, ES, FI, NL, SV, DA, PT, NO, RU*	DE, EN, FR. IT, ES, FI, NL, SV, DA, PT, NO, RU*
Time and date (manual or by PABX*)	•	•	•
Mandown, motion and shock alarm*			•
Technical specifications			
Standards	DECT, GAP, CAP (partially)	DECT, GAP, CAP (partially)	DECT, GAP, CAP (partially)
Protection class	IP 50	IP 50	IP 65
Supports DECT-encryption	•	•	•
Standard battery (SA)	Lithium-ion 850 mAh	Lithium-ion 850 mAh	Lithium-ion 850 mAh
Power battery (PA) - accessories		Lithium-ion 1800 mAh	Lithium-ion 1800 mAh
Standby mode**			
Standard battery (SA)	min. 100 h EMEA / 95 h US	up to 100 h EMEA / 95 h US	up to 100 h EMEA / 95 h US
Power battery (PA)		up to 200 h EMEA / 190 h US	up to 200 h EMEA / 190 h US
Talk time**			
Standard battery (SA)	min. 12 h EMEA / 15 h US	up to 12 h EMEA / 15 h US	up to 12 h EMEA / 15 h US
Power battery (PA)		up to 24 h EMEA / 30 h US	up to 24 h EMEA / 30 h US
Height for withstanding a fall on concrete undamaged	1.5 m	1.7 m	2 m
Screwed battery compartment cover			•
TPE laminated surface (sides and/or front)			•
Dimensions (length / width / height)	135 x 49 x 22.5 mm	135 x 49 x 22.5 mm	135 x 53 x 22.5 mm
Weight with standard battery excl. belt clip	120 g	120 g	approx. 125 g
International power supply unit for EMEA, North America and Australia	•	•	•
Compatible with commercially available USB chargers		•	•

* Must support PABX

Scope of delivery

• Handset with standard battery and belt clip
• Country compliant power supply unit for charger cradle
• User's Guide

Accessories

• Country compliant power supply unit for charger cradle
• Aastra 610d handset with standard battery and belt clip
• Aastra 620d handset with standard battery and belt clip
• Aastra 630d handset with standard battery and belt clip
• Power battery for Aastra 620d and Aastra 630d
• Cover for power battery compartment, Aastra 620d
• Cover for power battery compartment, Aastra 630d (screwed)
• Swivel belt clip for Aastra 610d and Aastra 620d
• Lanyard attachment