



Aastra 650c

DECT phone supporting the CAT-iq standard

Aastra 650c is a new DECT business phone based on the design of the Aastra 600d handset family. It features excellent audio quality, as defined in the new CAT-iq standard for state of the art DECT equipment.

The device can be used as a GAP phone, CAT-iq 1.0 phone or as a system phone on any of the systems which support the Aastra 600d handset generation. The full benefit of the new wideband features will be reached when CAT-iq is supported by the PBX and by the DECT infrastructure (RFPs). However, even when used with old infrastructure, the audio performance will improve, due to the high end audio modules being used (i.e. loudspeaker, amplifier, receiver etc.).

The optionally applicable microSD-Card saves the subscription data and the most important local device data as well as your private phone book. This guarantees that if a handset is defective the key data can be quickly transferred to a replacement handset just by moving the card. The new handset can be used immediately without having to subscribe again.

Additionally Aastra has developed new RFPs (RFP 35 IP, 36 IP, 37 IP and 43 WLAN) which support CAT-iq .



Highlights of the Aastra 650c

- ✦ Colour TFT display (2", 176 x 220 dots, 65,536 colours)
- ✦ Telephone book with 200 contacts¹, with 8 possible entries each: office-, private- and mobile number; email address¹, fax¹, quick dial, ringing tone¹ and name assignment
- ✦ VIP phonebook with 6 entries
- ✦ Ambient noise filter for loud environments
- ✦ 44 polyphone ring tones (Midi type), 29 normal ring tones and 7 alarm tones with automatic volume control can be assigned
- ✦ Up to 5 user profiles for e.g. headset use or meeting usage can be configured
- ✦ Hands free operation
- ✦ Headset connector (2.5 mm jack) and Bluetooth (handsfree profile) headset support
- ✦ 1 programmable hotkey
- ✦ 2 programmable navigation keys¹
- ✦ 2 programmable soft keys¹
- ✦ 3 programmable side keys
- ✦ Intelligent battery management
- ✦ Mini USB PC interface
- ✦ 3 colour multi-purpose LED, which can be set for visualisation of functions
- ✦ Support of message & alerting applications¹

¹ If supported by the PABX

Local Features

- ✦ Illuminated keypad
- ✦ Different ring tones for: internal and external calls, messages, alarm call, emergency call
- ✦ Ring tone volume adjustable
 - Ring tone off (shortcut: Asterisk key)
- ✦ 3 soft keys for menu control
- ✦ Signal tones for key click, confirmation, battery empty, out of range
- ✦ Different earpiece-, speaker-, headset volume
- ✦ 3 character fonts for text display in different sizes
- ✦ Display with 7 text lines, 1 headline and 1 soft key line
- ✦ Handset name can be edited¹
- ✦ Display brilliancy adjustable
- ✦ Colour scheme can be selected
- ✦ Illumination time for display and keypad can be adjusted separately
- ✦ Background light of the display can remain on for selectable intervals with dim function
- ✦ Steel wool proof lens
- ✦ Alarm and appointment settings for 3 different times each¹
- ✦ Automatic / manual (shortcut: Pound key) key lock
- ✦ Telephone lock with 4-digit PIN
- ✦ Automatic answer when removed from the charger
- ✦ Automatic quick hook for speed dial¹
- ✦ Trembler for vibra-call

- ✦ Silent charging
- ✦ Caller list with 50 entries¹
- ✦ Redial list with 30 entries¹
- ✦ Selectable different menu trees (Standard, Easy, Icon)¹
- ✦ Display languages: Czech, Danish, Dutch, German, English, Finnish, French, Italian, Norwegian, Polish, Portuguese, Russian, Slovene, Spanish, Swedish, Turkish¹
- ✦ Keys for volume control
- ✦ Time and date (manually or by PABX¹)

Administration Features

- ✦ Automatic firmware and Bluetooth update over air¹
- ✦ Integrated diagnostic functions

Technical Data

- ✦ Standards: DECT CAT-iq 1.0, GAP
- ✦ Ingress protection: IP 50
- ✦ Supports DECT encryption
- ✦ Audio codecs: G.726, G.722
- ✦ microSD card interface
- ✦ Standard battery (SB): Lithium-Ion battery pack
- ✦ Power battery (PB): Lithium-Ion battery pack
- ✦ Stand-by-time
 - SB: Up to 100 h EMEA / 95 h US
 - PB: Up to 200 h EMEA / 190 h US
- ✦ Talk time
 - SB: Up to 12 h EMEA / 15 h US
 - PB: Up to 24 h EMEA / 30 h US
- ✦ Dimensions (length / width / depth): 145 x 49 x 22.5 mm

- ✦ Weight with standard battery: 130g
- ✦ TPE armed sides
- ✦ Free fall: 1.70 m on concrete without damage

In standardized tests² a Aastra 650c is dropped from 1.70 m height once on each side on a concrete floor and must show neither damage nor impairment of function.
- ✦ International AC-adapter for EMEA and Australia
- ✦ Compatible with commercial USB chargers

Part Numbers

Scope of delivery	
Handset with belt clip "Easy", standard battery, cradle, international AC-adapter and quick user guide	68631 (for EMEA and Australia)
Accessories	
Cradle with international AC adapter	80E00005AAA-A (for EMEA and Australia)
Handset Aastra 650c standard battery	68629
microSD card with IPEI	87-00003AAA-A
Power battery	68773
Battery cover for power battery (black)	68772
Belt clip "Rotary"	80-00003AAA-A
Leather pouch	68625
Mini USB cable	68759
Lanyard attachment	68769
Charger Rack including 8 rack charger	68774
PC tool for the telephone book ¹	available in the download area on the Aastra website

¹ If supported by the PABX

² according to DIN EN 60068-2-31 (04/2009)

Aastra Telecom Danmark A/S
 Roskildevej 342 B, 2.
 2630 Taastrup
www.aastra.dk