

# Aastra 7400 IP Terminals

## Lift-up your IP communications system

**Aastra 7000 terminals are a new line of terminals, designed with quality and esthetics in mind, while offering full support for Aastra communications systems.**

Drawing from our extensive experience in terminal design and combined with thorough end-user research, we have taken terminals yet another step forward in providing world-class usability and efficiency. The terminals are suitable for all office environments and offer full support for features implemented in our advanced communication systems. Management of the terminals is an integrated part of the system, further simplifying upgrades of Aastra 7400 IP phone software.

## Aastra 7400 IP Terminals

The Aastra 7000 series, known for its sophisticated and ergonomic design, offers a user-friendly graphical interface for an unmatched user experience. The auto-provisioning feature delivered as part of the Aastra 7000 family provides simplified maintenance, reducing total cost of ownership for the communications system.

To meet the various customer needs, there are three different phone models in the Aastra 7400 IP series:

- ✦ **Aastra 7433ip** is an entry-level business IP phone, easy to use with an intuitive user-interface that includes graphical menu support.
- ✦ **Aastra 7434ip** is the flexible office version. The phone has a traditional flat position and a tiltable display, as well as a number of programmable function keys and speed dial buttons. To further strengthen the flexibility, the phone can be supplemented with extra key panels.
- ✦ **Aastra 7446ip** is the most advanced version in the Aastra 7400 IP terminal series. Equipped with a large color display with touch screen support, the phone enables a new way of working.



Aastra 7446ip terminals have an up-right position for easy display viewing and optimal touch screen display ergonomics.

### Aastra 7400 IP terminals - some key benefits

- My Dialog Contacts – End-user application for merging MS Office Outlook® contacts with the personal contacts in the phone
- IP Terminal Administrator feature integrated in system management applications
- Integrated web server for central, remote and local support
- High quality voice properties including G.722 wideband codec
- Acoustic echo cancellation (1)
- Dynamic jitter buffer
- Volume control (combined for handset, headset, loudspeaker, ring tone)
- Distinct blue LEDs for function keys and speed dial keys
- Dedicated headset port (1)
- Mute function
- Equipped with hearing aid support and acoustic shock protection
- Support for increased volume for users with impaired hearing

(1) Applies to for Aastra 7434ip and Aastra 7446ip

## Security

Aastra 7400 IP terminals provide a high degree of security.

- Media and signaling encryption via TLS and SRTP
- General security authentication towards RADIUS server using IEEE 802.1X
- Individual authentication (end-user passwords)
- SSH ensures security for remote system administrator access

## Upgradable

The software for the Aastra 7400 IP terminals can be automatically verified and updated. If needed the phone will download the latest software from a defined web server. Automatic update ensures that the Aastra 7400 IP terminals in the system are always up to date with the latest software version.

## Other Features

- Support for user mobility, free seating: log on/off
- Speaker for monitoring, such as when using telephony services (for example: call center queue, interactive voice systems, news or weather forecasts)
- Excellent hands-free operation with full-duplex and wide-band voice support
- Emergency call support
- Branch office survivability support
- DNS SRV (service records)

## Languages

- Multi-language support, pre-loaded and selectable for end-user

## Accessories

- Extra key panels for Aastra 7434ip
- Optional unit with built-in 2-port Gigabit Ethernet switch T/TX and port for extra bell (Aastra 7446ip)
- Country-dependant power adapters
- LAN cable

## User Guides

User guides and quick reference guides in PDF format are available on the Terminal Toolbox DVD and at [www.aastra.com](http://www.aastra.com)

## Service and Support

Aastra has a worldwide network providing service and support. Certified service partners are listed at [www.aastra.com](http://www.aastra.com).

## Supported system versions for Aastra 7400 IP terminals

Telephony System	Minimum version requirements	
	Aastra 743Xip	Aastra 7446ip
Aastra MX-ONE TSE	Version 3.2 SP2	Version 3.0
Aastra MX-ONE TSW	Version SP6	Version SP1
Aastra BusinessPhone	Version 9.0	Version 8.1
Aastra MD Evolution		Version 9.1

## Aastra 7433ip & Aastra 7434ip



Aastra 7434ip



Aastra 7433ip

## Display

- Graphical display, 3 lines
- 1,000 personal contacts (phone book)
- Call list with 50 latest incoming and outgoing calls
- The angle of the Aastra 7434ip display can be adjusted for user convenience

## Extra key panels for Aastra 7434ip

There are two different extra key panel options: Key Panel Unit (KPU) and Display Panel Unit (DPU). The Aastra 7434ip can be equipped either with up to three KPUs providing 72 extra keys, or with up to two DPUs, providing 48 extra keys. Power to the modules is supplied by the terminal. Each extra panel unit has 24 additional keys. Extra keys can be programmed locally from the terminal (from a PC via the terminal's web server) or centrally via the management application suite. The DPU has self-labeling keys to enable centrally stored name/number information to be displayed on the panel. This, of course, means that with the free-seating function, individual user data with name/number information will be displayed on the terminal and the DPU as soon as the user logs in.



Display Panel Unit (DPU)



Key Panel Unit (KPU)



Aastra 7446ip

## Aastra 7446ip (Dialog 5446)

The large, color, touch screen display offers features such as context sensitive telephony information, web browsing and self-labeling keys to present contacts, call status, buddy lists, etc. The menus are icon-based, making navigation both easy and intuitive. With navigation via icons instead of text commands, the Aastra 7446ip is a revolution in user-friendliness and efficiency. The user interface offers a new generation of intuitiveness and ease-of-use, and with the model's similarity to smartphones, the learning process goes quickly. Ease-of-use is what enables the phone and all of its features to be utilized to their full potential, bringing considerable increases in efficiency. A Gigabit Ethernet switch (plug-in unit) allows for almost unrestricted bandwidth access for a PC linked to a LAN via the Aastra 7446ip phone.

### Display

- Graphical 4.3-inch color
- Touch screen
- Dynamic windows-oriented user interface
- Internet browser (XML)
- Pre-selected and programmable features with touch screen buttons
- Two pages with programmable speed-dial keys and touch screen buttons
- Corporate directory/ central phone book
- 1,000 personal contacts (phone book)
- Call log list with 100 latest incoming and outgoing calls

Call List			
1	E Liäsen	5467	12:24
2	J Claesson	5555	11:33
	J Granberg	5467	10:48 0:00:35
	0012115171		27/06 0:01:15
	S Nordin	7777	27/06 0:06:53
	Martin Beck	44667891	26/06 0:10:03
	Taxeringsmyndigheten i Skultorp	0312 4557992	31/5 0:00:03

Aastra 7446ip - Call list

Technical specifications	Aastra 7433ip	Aastra 7434ip	Aastra 7446ip
<b>Regulatory Compliance</b>			
Acoustic shock protection	ETS 300 245-2	ETS 300 245-2	ETS 300 245-2
Hearing aid compatibility	ITU-T P.370 (8/96) and FCC; Part 68, subpart D American	ITU-T P.370 (8/96) and FCC; Part 68, subpart D American	ITU-T P.370 (8/96) and FCC; Part 68, subpart D American
EU RoHS Directive	2002/95/EC	2002/95/EC	2002/95/EC
EMC	EN 55 022 Class B, FCC part 15	EN 55 022 Class B, FCC part 15	EN 55 022 Class B, FCC part 15
<b>Power</b>			
Power over Ethernet IEEE 802.3af	Class 1, dynamic	Class 1, dynamic	Class 3
Power adapter	Input 100-240 V AC, Output 5 V DC	Input 100-240 V AC, Output 5 V DC	Input 100-240 V AC, Output 24 V DC
Average power consumption	10/100 Mbit Ethernet, 2 W	10/100 Mbit Ethernet, 2 W	10/100 Mbit Ethernet, 3,7 W
DPU/KPU average consumption	-	0,1 W / unit	-
Gigabit Ethernet Switch	-	-	max 2,4 W
Power Off button	-	Yes	-
Power save mode	Yes	Yes	Yes
<b>Display</b>			
Display type	B&W, graphical	B&W, graphical	Color, graphical
Touch screen	-	-	Yes
Backlight (White)	-	Yes	Yes
Tiltable	-	Yes	Yes



Technical specifications	Aastra 7433ip	Aastra 7434ip	Aastra 7446ip
<b>Environment</b>			
Operating temperature:	+5 to +45 °C	+5 to +45 °C	+5 to +45 °C
Storage temperature:	0 to +70 °C	0 to +70 °C	0 to +70 °C
Relative humidity:	5 to 90 %	5 to 90 %	5 to 90 %
<b>General Specifications</b>			
Size (l x w x h)	230x175x45	230x175x45	320x225x160
Weight, material (g)	800	800	1,100
Product color	Dark grey	Dark grey	Dark gray/light grey
<b>Supported Codex</b>			
Voice Codex	G.711, G.729a, G.729ab, G.723.1	G.711, G.729a, G.729ab, G.723.1	G.711, G.729a, G.729ab, G.723.1
Wideband	G.722	G.722	G.722
<b>Phone book</b>			
Name length entry	24 characters	24 characters	24 characters
Number length entry	24 digits	24 digits	24 digits
Entries	1,000	1,000	1,000
<b>Keys</b>			
Line keys	3	3	3 (touch-keys)
Display navigation keys	2	2	1(5 functions)
Volume keys	2	2	2
Function keys with indication	5	5	7
Mute key	1	1	1
Speaker phone key	-	1	1
Telephone settings key	1	1	1 (touch-key)
Clear key	-	-	1
Clear/Reset key	1	-	-
Clear/Reset/Off key	-	1	-
Monitor loudspeaker key	1	-	-
Programmable keys (indicators)	-	8	20
Web browser key	-	-	1 (touch-key)
Message waiting	1	1	1
<b>Additional features and functions</b>			
Wall mount	Yes	Yes	-
Different ring signals for different calling persons	Yes	Yes	Yes
Full duplex hands-free/loudspeaker mode	-	Yes	Yes
Headset mode / LED key	-	Yes	Yes
Support for wireless headset DHS standard	-	Yes	-

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