

# Gigaset AS690A IP BASE

The reliable telephone for everyday communication with professional telephony functions and userfriendly web configurator

## Highlights

- o Large 2" black/white display with white illumination
- o Hands-free function
- o Supports an exceptional sound quality HDSP™ call with the G.722 codec
- o Convenient set-up with the iF Design Award-winning web configurator
- o Access to Google and Office 365 contacts - 1,000 entries each
- o Central phone book for up to 500 entries
- o 3 local answering machines with individual time control
- o Notification of new messages both via the handset as well as via the Gigaset Web Configurator
- o Listening to voice messages directly via the handset



The Gigaset AS690A IP BASE combines the best of the Gigaset telephony world. Internet telephony (VoIP) enables calls in HD quality and the user-friendly configurator makes setting up and managing the Gigaset IP BASE child's play.



### Telephony

The future of telephony is digital. Calls are no longer transmitted through the telephone line as before, but as digital data via router over the Internet. The advantages are the excellent sound in HD, three phone numbers per connection and the possibility to make several calls at the same time. In addition, up to 6 DECT devices can be registered and therefore offer a high degree of flexibility.

### Web configurator

The new Gigaset Web Configurator with intuitive user interface enables quick configuration and commissioning of the base station and telephone. With access to the Gigaset wizards, the DECT and VoIP connections as well as call forwarding and DECT repeaters are set up with ease.

### Contact management

With an impressive capacity of up to 500 entries in the central phonebook, the Gigaset IP BASE offers first-class storage options. In addition, the seamless integration of Google and Microsoft 365 accounts enables the storage of 1000 contacts each, for maximum efficiency in your communication.

### Answering machine with time control

The Gigaset AS690A IP BASE has three digital answering machines. This allows you to clearly assign private and business calls or assign individual family members their own phone numbers and answering machines. In addition, the answering machines can be individually timed via the web configurator. This allows, for example, calls to be automatically diverted to the answering machine after business hours.

# Gigaset

## Technical Specifications

<b>Ordering Information</b>	<b>Colour</b>	black
<b>Keyboard</b>	<b>Key type</b>	<ul style="list-style-type: none"> <li>Ergonomic keyboard made of high-quality material with noticeable key pressure</li> <li>Easy operation due to large buttons</li> </ul>
	<b>Keys</b>	<ul style="list-style-type: none"> <li>12 Numeric and 2 function keys</li> <li>Right display key, individually assignable</li> <li>4-way navigation button</li> <li>Programmable speed dialling keys</li> </ul>
	<b>Keyboard illumination</b>	<ul style="list-style-type: none"> <li>Illuminated keypad and navigation area: amber</li> <li>Illuminated handset and hands-free key (green LED)</li> <li>Illuminated handset hang-up / message key (red LED)</li> </ul>
	<b>Functions</b>	<ul style="list-style-type: none"> <li>Key protection on/off via # key</li> <li>Ringtone on/off via * key</li> <li>R button (programmable times)</li> <li>Find handsets</li> <li>Handset registration</li> <li>Paging function</li> <li>Pressing the paging key displays the local IP address of the device on the handset display</li> </ul>
	<b>Base station buttons</b>	Illuminated paging button
<b>Audio</b>	<b>Audio quality</b>	<ul style="list-style-type: none"> <li>Brilliant audio quality (HDSP™) for VoIP calls</li> <li>First-class sound quality and volume, even in hands-free mode</li> </ul>
	<b>Hands-free function</b>	Handsfree mode on the handset
	<b>Acoustic profiles</b>	Two hands-free profiles for improved acoustic adjustment
	<b>Volume</b>	Adjustable handset volume (5 levels)
	<b>Ringtone output</b>	<ul style="list-style-type: none"> <li>On the handset</li> <li>Ring tone output with adjustable volume (5 levels)</li> </ul>
	<b>Hearing aid compatible</b>	HAC (hearing-aid-compatible)
	<b>Codecs</b>	<ul style="list-style-type: none"> <li>G.711 a-law</li> <li>G.711 μ-law</li> <li>G.722</li> <li>G.729a</li> </ul>

<b>Answering machine</b>	<b>Quantity</b>	<ul style="list-style-type: none"> <li>• 3x integrated digital answering machines</li> <li>• Network answering machine for each line created</li> </ul>
	<b>Functions</b>	<ul style="list-style-type: none"> <li>• Recording and indication function</li> <li>• Individual PIN for each answering machine</li> <li>• Individual name for each answering machine</li> </ul>
	<b>Announcements</b>	<ul style="list-style-type: none"> <li>• Greeting messages and announcement messages can be recorded individually for each answering machine</li> <li>• Standard announcements preset (plug &amp; play)</li> <li>• Predefined standard announcements in many languages are available in the web configurator</li> <li>• The recording of greeting messages and announcement messages can be done effortlessly via the handset and configured in the web configurator</li> <li>• Upload and configure ready-made announcements in the web configurator</li> <li>• Announcement of date and time for each answering machine message</li> </ul>
	<b>Recording time</b>	<ul style="list-style-type: none"> <li>• Up to 30 minutes recording time per answering machine - Up to 90 minutes in total</li> <li>• Recording length per message adjustable: 30s, 1, 2, 3, 4 or 5 minutes</li> </ul>
	<b>Time control</b>	<ul style="list-style-type: none"> <li>• Setting up answering machines with precise schedules</li> <li>• Time-scheduled configuration of announcement messages and greeting messages in 15-minute intervals for each day of the week</li> <li>• Easy operation via the web configurator, which is also optimised for smartphones</li> </ul>
	<b>Operation</b>	<ul style="list-style-type: none"> <li>• Answering machines can be activated and deactivated</li> <li>• Listen to voice messages directly via Gigaset HX handsets</li> <li>• Easy operation of the answering machine via the web interface</li> <li>• Possibility to rename the answering machines for personal identification</li> <li>• Protection of recordings against unauthorised access by configurable PIN code</li> </ul>
	<b>Notification</b>	<ul style="list-style-type: none"> <li>• Notification of new messages on the handset</li> <li>• Notification of new messages via the Gigaset Web Configurator</li> </ul>
	<b>Power failure protection</b>	Recordings are protected against power outages indefinitely
	<b>Call acceptance</b>	<ul style="list-style-type: none"> <li>• Forwarding a call to the answering machine</li> <li>• Adjustable call acceptance: Immediately, after 10, 18 and 30 seconds</li> </ul>

<b>Call protection</b>	<b>Time control</b>	Day/night mode: time-controlled bell deactivation, except VIP contacts
	<b>Blocking list</b>	<ul style="list-style-type: none"> <li>• Local blocking list for individual blocking of up to 100 phone numbers in the handset</li> <li>• Do not disturb: Block list for unwanted calls (spam calls)</li> <li>• Do not disturb for up to 1000 blocked numbers</li> <li>• Blocking list searchable by phone number and comment</li> </ul>
	<b>Suppression of anonymous calls</b>	<ul style="list-style-type: none"> <li>• Block anonymous calls</li> <li>• Ring tone silencing (visual display only) for anonymous calls</li> </ul>
	<b>Dial lock</b>	<ul style="list-style-type: none"> <li>• Dialling blocking of certain telephone numbers</li> <li>• Number ranges (mobile numbers, area codes, country codes)</li> </ul>

<b>Phone book</b>	<b>Local contacts</b>	Local address book in handset for up to 200 entries
	<b>Central contacts</b>	<ul style="list-style-type: none"> <li>• Address book for up to 500 entries</li> <li>• 3 telephone numbers per entry (DECT handset)</li> <li>• An entry contains name and first name</li> <li>• Phone number can be categorized by office, mobile and home</li> <li>• Phone number editable: edit, save and delete</li> <li>• Phone list editable: copy, save and delete</li> <li>• Phone list searchable (instant search) by phone numbers and names</li> <li>• Contacts import</li> </ul>
	<b>Google contacts</b>	<ul style="list-style-type: none"> <li>• Address book for up to 1000 entries</li> <li>• Direct dialing from the phone list</li> <li>• 6 phone numbers per entry</li> <li>• An entry contains name, first name and up to six phone numbers</li> <li>• Phone list editable: copy and save</li> <li>• Phone list searchable (instant search) by phone numbers and names</li> <li>• Easy access to the Google account via activation code</li> </ul>
	<b>Microsoft Office 365 contacts</b>	<ul style="list-style-type: none"> <li>• Address book for up to 1000 entries</li> <li>• Direct dialing from the phone list</li> <li>• 6 phone numbers per entry</li> <li>• An entry contains name, first name and up to six phone numbers</li> <li>• Phone list editable: copy and save</li> <li>• Phone list searchable (instant search) by phone numbers and names</li> <li>• Easy access to Microsoft Office 365 account via activation code</li> </ul>
	<b>Call lists</b>	<ul style="list-style-type: none"> <li>• Call lists for up to 1000 entries</li> <li>• Call list entries can be easily blocked</li> <li>• Call lists can be sorted by connection, time and name</li> <li>• Phone numbers can be saved from the call list</li> <li>• Call lists with phone number (CLIP/CNIP) and date/time for all calls and for outgoing, received or missed calls</li> </ul>

<b>Telephony</b>	<b>Telephony devices</b>	<ul style="list-style-type: none"> <li>• Add and manage up to 6 DECT devices</li> <li>• Handset details: name (editable), internal number assignment and replace handset</li> </ul>
	<b>Repeater</b>	<ul style="list-style-type: none"> <li>• Add 2 DECT Repeater HX</li> <li>• Name of repeater editable</li> </ul>
	<b>Functions</b>	<ul style="list-style-type: none"> <li>• Display of the individual name of each telephone device (editable)</li> <li>• Message display (MWI) adjustable</li> <li>• Number assignment per connection for outgoing and incoming calls</li> <li>• Internal phone numbers adjustable</li> </ul>
	<b>VoIP</b>	<ul style="list-style-type: none"> <li>• Up to 6 SIP accounts</li> <li>• Simple configuration of Internet telephony (VoIP) using a wizard</li> <li>• Predefined VoIP profiles of the main telephony providers</li> <li>• Automatic or manual VoIP configuration possible</li> <li>• VoIP connections can be activated/deactivated</li> <li>• Automatic update of VoIP profiles can be activated/deactivated</li> <li>• Assign SIP accounts individually to handsets (especially sending and receiving direction)</li> <li>• Mini PBX with up to 6 users</li> <li>• VoIP protocol: SIP (RFC3261, RFC2543)</li> <li>• DTMF (Inband), RTP-Payload (RFC4733), SIP-INFO</li> <li>• Set up STUN server (STUN server address)</li> </ul>
	<b>DECT</b>	4 concurrent calls

<b>Signalling &amp; display indications</b>	<b>Jumbo mode</b>	Large numeric display in dialling mode
	<b>Incoming calls</b>	<ul style="list-style-type: none"> <li>• Call animation in the display</li> <li>• Flashing handset key</li> <li>• Name substitution from telephone book</li> </ul>
	<b>Missed call</b>	Display and flashing message key signal missed calls and provide convenient access to the message list (LED flashing can be switched on / off)
	<b>Idle mode</b>	<ul style="list-style-type: none"> <li>• Date and time display</li> <li>• Display of field strength and battery charge indicator</li> <li>• Display keys for quick selection of functions</li> </ul>
	<b>Phone call</b>	Call duration display
	<b>Device name</b>	Handset name editable
	<b>Ringtones</b>	<ul style="list-style-type: none"> <li>• 5 volume levels + OFF + crescendo</li> <li>• 25 melodies in the handset</li> <li>• Individual ringtones for internal, external and VIP calls</li> </ul>
	<b>Indicator tones</b>	Indicator tone for key confirmation, low battery and charging contact
	<b>CLIP</b>	CLIP, CNIP: Name display for incoming calls, outgoing calls, missed calls and the dialled number.

<b>Display</b>	<b>Type</b>	Black and white illuminated display
	<b>Size (inch)</b>	2"
	<b>Size (H xW)</b>	34 x 37 mm
	<b>Resolution</b>	96 x 64 Pixel
	<b>Lighting</b>	White illuminated

<b>Power supply</b>	<b>Talk time</b>	Up to 12 hours
	<b>Stand-by time</b>	Up to 180 hours
	<b>Battery</b>	2 x AAA (NiMH)
	<b>Loading time</b>	approx. 4.5 hours
	<b>Power supply unit</b>	<ul style="list-style-type: none"> <li>• 230V plug-in power supply charging cradle</li> <li>• 230V plug-in power supply Base station</li> </ul>

<b>Connectivity</b>	<b>Frequency</b>	DECT 1880-1900 MHz
	<b>LAN connection</b>	Ethernet RJ45 10/100 Mbps
	<b>Repeater</b>	Extension of the range possible with Gigaset Repeater HX

<b>Compatibility</b>	<b>Standards</b>	<ul style="list-style-type: none"> <li>• DECT-CAT-iq 2.0</li> <li>• DECT-CAT-iq 2.1 (handset)</li> <li>• SUOTA (Software update over the air)</li> </ul>
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<b>Functions</b>	<b>Alarm clock</b>	Alarm clock with adjustable melody and snooze function
	<b>Desk operation</b>	yes
	<b>Wall mountable</b>	yes

<b>Regulations - Specifications</b>	<b>Approvals</b>	Approvals: CE
	<b>Protection class</b>	Protection class IP40

<b>Dial functions</b>	<b>Functions</b>	<ul style="list-style-type: none"> <li>• Call forwarding: CFU, CFNR, CFB</li> <li>• Call forwarding (RFC5589)</li> <li>• Transfer call: with enquiry, without enquiry, blindly</li> <li>• Hold/Make/Resume Call</li> <li>• Call waiting, forwarding, hold, swap, conference (with consultation and ad hoc), call forwarding (with consultation and blind)</li> <li>• Time controlled redirection</li> <li>• Call waiting can be activated/deactivated per telephone device</li> <li>• Display for number of missed calls/new voice messages can be activated/deactivated</li> </ul>
	<b>Dialing functions</b>	<ul style="list-style-type: none"> <li>• Add or manage up to 20 call forwarding rules</li> <li>• Calls for a registered phone can be diverted</li> <li>• Call forwarding can be activated/deactivated (always, on busy and on no answer)</li> <li>• Call forwarding rules (can be activated/deactivated, manual or time-controlled) can be shown on the telephone display (adjustable)</li> </ul>
	<b>Area code</b>	<ul style="list-style-type: none"> <li>• Area code and prefix numbers editable</li> <li>• Dialing codes can be added to outgoing numbers (can be activated/deactivated)</li> <li>• Area code (country code and area code)</li> <li>• Country codes are selectable by presets</li> </ul>
	<b>Dialing rules</b>	<ul style="list-style-type: none"> <li>• Manage and configure dialing rules</li> <li>• Dialing rules searchable (instant search) by phone number and comment</li> <li>• Enter phone number and comment</li> <li>• Prefixes can be used</li> <li>• Dialing rules can be activated/deactivated</li> </ul>
	<b>Simultaneous calls</b>	4 simultaneous external calls
	<b>Conference calls</b>	Conference calls with 3 participants
	<b>Dialling procedure</b>	<ul style="list-style-type: none"> <li>• DTMF (SIP Info/RFC4733, In-Band)</li> <li>• Multi-frequency dialling (DTMF)</li> </ul>
	<b>Redial</b>	Direct dialling from the call list possible

<b>Menu</b>	<b>Operation</b>	<ul style="list-style-type: none"> <li>• Simple configuration via web browser</li> <li>• Intuitive menu navigation for easy operation</li> <li>• Convenient menu navigation in different languages (ENG, FRA, ESP, ITA, GER, POL, RUS, CZE, GRC, PRT, NLD and TUR)</li> </ul>
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<b>Range</b>	<b>DECT</b>	Outdoors: up to 300m; indoors: up to 50m
	<b>Range increase</b>	Increased range with Gigaset Repeater HX

<b>Missed calls &amp; caller lists</b>	<b>Caller list</b>	Call lists with phone number (CLIP/CNIP) and date/time for outgoing, received or missed calls (1,000 entries in total)
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<b>Operation of several handsets</b>	<b>Simultaneous calls</b>	<ul style="list-style-type: none"> <li>• 2 VoIP calls possible at the same time, as well as an internal call and access to the answering machine</li> <li>• Conference of 3 (1 external / 2 internal participant)</li> </ul>
	<b>Number of handsets</b>	<ul style="list-style-type: none"> <li>• Up to 6 Gigaset HX handsets can be registered</li> <li>• For more information: <a href="http://www.gigaset.com/hq_en/cms/service/compatibility/products">www.gigaset.com/hq_en/cms/service/compatibility/products</a></li> </ul>
	<b>Internal telephone calls</b>	<ul style="list-style-type: none"> <li>• Toll-free internal calls</li> <li>• Thrid-party conference</li> </ul>

<b>App / Web App</b>	<b>Gigaset web configurator</b>	<ul style="list-style-type: none"> <li>• Access to wizards for easy setup of the DECT and VoIP connections as well as the DECT repeater and call diversions</li> <li>• Access to the web configurator with PC, laptop, smartphone and tablet</li> <li>• The web interface was honoured with the iF Design Award, one of the most prestigious design prizes in the world, underlining its outstanding performance in combining aesthetics and functionality.</li> </ul>
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# Gigaset

<b>ECO-DECT</b>	<b>Reduction of the transmitting power</b>	<ul style="list-style-type: none"><li>• ECO mode - Manual reduction of the transmitting power of the base station and all registered handsets</li><li>• ECO Mode Plus for 100% reduction of transmitting power of base station and all registered handsets</li></ul>
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<b>Network specifications</b>	<b>LAN</b>	<ul style="list-style-type: none"> <li>• Ethernet RJ45 1000 Mbps</li> <li>• 10/100/1000 Base-T Auto MDI/MDIX Ethernet LAN Port (802.3/ua/b)</li> <li>• IPv4 address type: static and automatic</li> <li>• Subnet mask supported</li> <li>• Standard gateway</li> <li>• Preferred DNS server is supported</li> <li>• Supports alternative DNS servers</li> </ul>
	<b>Network</b>	<ul style="list-style-type: none"> <li>• SNMP</li> <li>• DNS SRV-RR (RFC2782)</li> <li>• VLAN (IEEE 802.1q), VLAN identifier (LAN), VLAN priority (LAN)</li> <li>• 802.1x, Link Layer Discovery Protocol (LLDP)</li> <li>• Operation on routers with automatic assignment of the IO address (DHCP)</li> <li>• DHCP (Option: 60, 114, 120)</li> <li>• DHCPv4 (RFC2131)</li> <li>• SIP (RFC3261, RFC2543, RFC2396)</li> <li>• SDP (Session Description Protocol, RFC4566, RFC3264, RFC3555)</li> <li>• RTP (RFC3551, RFC3555, RFC2833)</li> <li>• SRTP</li> <li>• STUN (RFC3489)</li> <li>• HTTP</li> <li>• HTTPS</li> </ul>
	<b>Network standard</b>	<ul style="list-style-type: none"> <li>• Internet protocol: IPv4 (RFC0791)</li> <li>• DNS SVR (Domain Name System)</li> <li>• TCP, UDP</li> </ul>
	<b>Security</b>	<ul style="list-style-type: none"> <li>• TLS 1.1/1.2/1.3 for HTTPS and SIP, SIP over TLS</li> <li>• SRTP (RFC3711), TLS (RFC5246), SIP over TLS</li> <li>• Accept/activate/deactivate all certificates</li> <li>• Display of certificate name and type</li> <li>• Edit certificates: Show details, remove</li> <li>• Import certificates</li> <li>• Client certificate support (certificate and private key uploadable)</li> <li>• HTTP authentication (HTTP digest username, HTTP digest password)</li> <li>• HTTPS (Server/Client)</li> <li>• HTTPS web access to the device manager</li> </ul>
	<b>Quality of Service</b>	<ul style="list-style-type: none"> <li>• Class of Service (CoS)</li> <li>• Bandwidth management for prioritizing services</li> <li>• QoS (RFC2474, RFC2475)</li> <li>• SIP ToS, Diffserv</li> <li>• RTP ToS, Diffserv</li> <li>• DSCP</li> <li>• Differentiated Services Code Point (DSCP) support</li> <li>• IEEE 802.1q</li> <li>• IEEE 802.1p port-based priority on LAN port, application-based priority on WAN port</li> <li>• IEEE 802.1Q VLAN tagging</li> </ul>
	<b>Provisioning</b>	<ul style="list-style-type: none"> <li>• Auto-provisioning via HTTP/HTTPS</li> <li>• User-specific auto-provisioning via MAC address and XML configuration file</li> <li>• Backup and restore functions</li> <li>• Firmware upgrade/downgrade</li> <li>• Data server (URL) editable</li> <li>• Provisioning process can be started manually</li> </ul>
	<b>Maintenance and service</b>	<ul style="list-style-type: none"> <li>• Firmware updates via the web configurator</li> <li>• Save and Restore</li> <li>• Syslog</li> <li>• Event logging: local and syslog</li> <li>• PCAP tracing</li> </ul>



Dimensions & Weights	Gerät	Höhe	Breite	Tiefe	Gewicht
	Basisstation	105 mm	132 mm	46 mm	146 g
	Mobilteil inkl. Akku	155 mm	49 mm	28 mm	119 g
	Ladeschale	38 mm	70 mm	77 mm	36 g

Scope Of Delivery	1x	Base station
	1x	LAN cable
	1x	Security Leaflet
	1x	Quick start guide
	1x	Handset
	1x	Charging cradle
	2x	Power adaptor
	2x	AAA rechargeable batteries

\*) User A user corresponds to a set-up terminal. Each terminal receives a separate internal call number.

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