Gigaset Fusion

The innovative and elegant all-in-one telephone system with professional telephony functions and integrated Smart Home base

Highlights

- o 5" 720p touch-and-swipe display with intuitive user interface
- o Mini PBX with up to 20 users* and integrated DECT base station
- o Up to 6 simultaneous calls (max. 4 DECT calls)
- o Integrated Gigaset Smart Home base
- o Access to Google and Microsoft 365 contacts
- o Headset connection via USB-C or Bluetooth
- o Flexible connection options thanks to dual-band Wi-Fi and PoE LAN interface
- o 5 local answering machines, incl. message download function
- o Internal telephone book with 1,000 entries, central phone book with 500 entries
- o Timeless elegant design

The Gigaset Fusion is a combination of desk phone, DECT base station, mini-phone system and smart home base. All settings and functions can be individually configured via a web-based interface and can be intuitively operated via the newly developed user interface on the touch-and-swipe display. Various integrated interfaces offer flexibility when connecting the Fusion as well as connecting external devices. In combination with its timeless, elegant design, the Gigaset Fusion is ideal for small offices, medical practices, law firms, agencies and the sophisticated home office.

Flexible connectivity
The new Gigaset Fusion has been developed for a wide variety of usage scenarios. The integrated mini PBX is designed for up to 20 users. You can operate up to 8 handsets on the DECT interface and up to 20 IP desk phones on the mini PBX. The integrated Bluetooth 4.2 interface allows you to operate cordless headsets and transfer contacts from a smartphone. A 2-port switch is available for the fast LAN connection, which is also used for power supply (PoE). In addition, it is possible to integrate the Gigaset Fusion into your network via WiFi in order to remain flexible at the place of use.

Intuitive operation in a timeless design
The 5" high-contrast capacitive touch-and-swipe display makes it easy to access all phone functions and ensures that you always have caller information in view - no matter where the phone is placed or mounted. Up to 72 programmable display keys and widgets open up numerous possibilities to optimally set up the device for your needs in everyday work. The elegant phone design and the use of high-quality materials also make the Gigaset Fusion an eye-catcher in any office environment.

Smart automation for your environment
With the integrated base station for the Gigaset Smart Home portfolio, the Fusion can be used as a base for your Gigaset Smart Home installation in addition to its functionality as a telecommunications centre. This means that central functions can be managed on the device, such as the switching of surveillance profiles.

Technical Specifications

Ordering Information	Colour	dark-titanium

Audio	Codecs	• G.711 a-law • G.711 μ-law • G.722 • G.729a

Display	Resolution	1280 x 720 Pixel
	Properties	Touchscreen display
	Size (inch)	5"

Telephony	Telephony devices	• Add and manage up to 20 SIP devices • Add and manage up to 8 DECT devices • Handset details: name (editable), internal number assignment and replace handset
	Repeater	• Add 2 DECT Repeater HX • Name of repeater editable
	Functions	• Display of the individual name of each telephone device (editable) • Message display (MWI) adjustable • Number assignment per connection for outgoing and incoming calls • Internal phone number range adjustable
	Call groups	• Add or manage up to 5 call groups • Line assignment for incoming and outgoing calls • Adjustable ringing behavior (linear ringing (ringing time) and parallel ringing)
	VoIP	• Up to 20 VoIP accounts • Simple configuration of Internet telephony (VoIP) using a wizard • Predefined VoIP profiles of the main telephony providers • Automatic or manual VoIP configuration possible • VoIP connections can be activated/deactivated • Automatic update of VoIP profiles can be activated/deactivated • Assign SIP accounts individually to handsets (especially sending and receiving direction) • Mini PBX with up to 20 users • VoIP protocol: SIP (RFC3261, RFC2543) • DTMF (Inband), RTP-Payload (RFC4733), SIP-INFO • Set up STUN server (STUN server address)
	DECT	4 concurrent calls

Signalling & display indications	Ringtones	• Specific ringtones (internal/external/group/door station) • Individual ringtones can be uploaded via web UI
	Waiting melody	Individual waiting melodies can be uploaded via web UI
	CLIP	CLIP, CNIP: Name display for incoming calls, outgoing calls, missed calls and the dialled number.

Call protection	Blocking list	• Do not disturb: Block list for unwanted calls (spam calls) • Do not disturb for up to 1000 blocked numbers • Blocking list searchable by phone number and comment
	Suppression of anonymous calls	• Block anonymous calls • Ring tone silencing (visual display only) for anonymous calls
	Dial lock	• Dialling blocking of certain telephone numbers • Number ranges (mobile numbers, area codes, country codes)

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Answering machine	Quantity	• 5x integrated digital answering machines • Network answering machine for each line created
	Announcements	• Recording and indication function • Time-controlled change between recording and hint function
	Functions	• Individual PIN for each answering machine • Individual name for each answering machine
	Announcements	• Announcements and message texts can be recorded individually for each answering machine • Standard announcement preset (plug & play) • Default announcements depending on the selected language of the web configurator • Announcement of date and time for each message on connected SIP telephony devices
	Recording time	• Up to 30 minutes recording time • Recording length per message adjustable: 30s, 1, 2, 3 or 4 minutes • Timed recording time
	Operation	• Answering machine can be activated/deactivated • Easy operation of the answering machine on the Fusion or via the handset • Easy operation of the answering machine via the web interface
	Notification	• Notification of new messages on the Fusion or via the handset • Notification of new messages via the Gigaset elements app
	Power failure protection	Recordings are protected against power outages indefinitely
	Call acceptance	• Forwarding a Call to the answering machine • Adjustable call acceptance: Immediately, after 10, 18 or 30 seconds, automatically
	Interactive language menu	• Add and manage up to 2 IVRs • Individual name for each interactive language menu • Announcements can be recorded individually • IVR keys can be configured individually (0-9, #, *) • Options: Play greeting, hang up, go to extension, repeat greeting and answering machine

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Phone book	**Local contacts**	• Address book for up to 1000 entries • Direct dialing from the phone list • 3 phone numbers per entry • An entry contains name, first name, up to three phone numbers, e-mail address and company • Phone number can be categorized by office, mobile and home • Phone number editable: copy, save and delete • Phone list editable: copy, save and delete • Phone list searchable (instant search) by phone numbers, names, emails and company • Contact sorting by first name or last name • Contacts import
	Central contacts	• Address book for up to 500 entries (vCards) • Direct dialing from the phone list • 3 phone numbers per entry (DECT handset) and 6 phone numbers per entry (on Fusion) • An entry contains name and first name • Phone number can be categorized by office, mobile and home • Phone number editable: copy, save and delete • Phone list editable: copy, save and delete • Phone list searchable (instant search) by phone numbers and names • Contacts import
	Google contacts	• Address book for up to 1000 entries • Direct dialing from the phone list • 6 phone numbers per entry • An entry contains name, first name and up to six phone numbers • Phone list editable: copy and save • Phone list searchable (instant search) by phone numbers and names • Easy access to the Google account via activation code
	Microsoft Office 365 contacts	• Address book for up to 1000 entries • Direct dialing from the phone list • 6 phone numbers per entry • An entry contains name, first name and up to six phone numbers • Phone list editable: copy and save • Phone list searchable (instant search) by phone numbers and names • Easy access to Microsoft Office 365 account via activation code
	LDAP contacts	• Address book for up to 1000 entries • Direct dialing from the phone list • 3 phone numbers per entry • An entry contains name, first name, up to three phone numbers, e-mail address and company • Phone list editable: copy and save • Phone list searchable (instant search) by phone numbers and names • Name search for incoming calls can be activated/deactivated • LDAP contacts can be activated/deactivated • Individual name for the LDAP phone book

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	XML contacts	• Address book for up to 1000 entries • Direct dialing from the phone list • 6 phone numbers per entry • An entry contains name, first name, up to six phone numbers, e-mail address and company • Phone number can be categorized by office, mobile and home • Phone number editable: copy, save and delete • Phone list editable: copy, save and delete • Phone list searchable (instant search) by phone numbers and names • Name search for incoming calls can be activated/deactivated • Name search for outgoing calls • Name search for incoming calls • XML contacts can be activated/deactivated • Individual name for the XML phone book • Setup of the XML phone book by entering provider name, server address, user name and password • Selectable phone number filter • Contact usage for phone book, yellow pages and private online phone book
	Emergency numbers	• Phone book for up to 10 entries • An entry contains phone number and comment • Phone list searchable (instant search) by phone numbers and comment • Emergency numbers can be dialed even when the key lock on the device is activated
	Call lists	• Call lists for up to 1000 entries • Call list entries can be easily blocked • Call lists can be sorted by connection, time and name • Phone numbers can be saved from the call list • Call lists with phone number (CLIP/CNIP) and date/time for all calls and for outgoing, received or missed calls

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Dial functions	Functions	• Call forwarding: CFU, CFNR, CFB • Call forwarding (RFC5589) • Transfer call: with enquiry, without enquiry, blindly • Hold/Make/Resume Call • Call waiting, forwarding, hold, swap, conference (with consultation and ad hoc), call forwarding (with consultation and blind) • Time controlled redirection • Call waiting can be activated/deactivated per telephone device • Call waiting tone selectable • Display for number of missed calls/new voice messages can be activated/deactivated • Switching the voice path (via headset and via hands-free) • Control outgoing calls via function key (via headset and hands-free)
	Dialing functions	• Add or manage up to 20 call forwarding rules • Calls for a registered phone can be diverted • Call forwarding can be activated/deactivated (always, on busy and on no answer) • Call forwarding rules (can be activated/deactivated, manual or time-controlled) can be shown on the telephone display (adjustable) • Drop location for unused numbers • Area code and prefix numbers editable • Dialing codes can be added to outgoing numbers (can be activated/deactivated) • Area code (country code and area code) • Country codes are selectable by presets • Manage and configure dialing rules • Dialing rules searchable (instant search) by phone number and comment • Enter phone number and comment • Prefixes can be used • Dialing rules can be activated/deactivated
	Simultaneous calls	6 simultaneous external calls
	Conference calls	Telephone conferences with 5 participants (local)
	Dialling procedure	• DTMF (SIP Info/RFC4733, In-Band) • Multi-frequency dialling (DTMF)
	Redial	Direct dialling from the call list possible

Range	DECT	Outdoors: up to 300m; indoors: up to 50m
	Range increase	Increased range with Gigaset Repeater / Gigaset Repeater HX
	WiFi	In buildings: up to 50m
	Bluetooth	Up to 10m

Power supply	Power supply unit	230V plug-in power supply unit
	Power over Ethernet	IEEE 802.3af, Class 3

ECO-DECT	Reduction of the transmitting power	• ECO mode - Manual reduction of the transmitting power of the base station and all registered handsets. • ECO Mode Plus for 100% reduction of transmitting power of base station and all registered handsets • ECO Mode and ECO Mode Plus are not available when using Smart Home

Compatibility	Standards	• DECT-CAT-iq 2.0 • DECT-CAT-iq 2.1 (handset) • SUOTA (Software update over the air) • DECT ULE according to ETSI TS 102 939-1

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Connectivity	Bluetooth connection	• Bluetooth 4.2 • Activate/deactivate Bluetooth • Bluetooth status display • Automatic search for available Bluetooth devices • Device names editable • Bluetooth class: Class 2, 2.5 mW, 4 dBm, ~10 m • Bluetooth profiles: Hands-free profiles, handset profiles and import of phone books

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Network specifications	**LAN**	• Ethernet RJ45 1000 Mbps • 10/100/1000 Base-T Auto MDI/MDIX Ethernet LAN Port (802.3/u/ab) • IPv4 address type: static and automatic • Subnet mask supported • Standard gateway • Preferred DNS server is supported • Supports alternative DNS servers
	Power over Ethernet	IEEE 802.3af, Class 3
	Network	• SNTP • DNS SRV-RR (RFC2782) • VLAN (IEEE 802.1q), VLAN identifier (LAN), VLAN priority (LAN) • 802.1x, Link Layer Discovery Protocol (LLDP) • Operation on routers with automatic assignment of the IO address (DHCP) • DHCP (Option: 60, 114, 120) • DHCPv4 (RFC2131) • SIP (RFC3261, RFC2543, RFC2396) • SDP (Session Description Protocol, RFC4566, RFC3264, RFC3555) • RTP (RFC3551, RFC3555, RFC2833) • SRTP • STUN (RFC3489) • HTTP • HTTPS
	Network standard	• Internet protocol: IPv4 (RFC0791) • LDAP/LDAPS • DNS SVR (Domain Name System) • TCP, UDP
	Security	• TLS 1.1/1.2/1.3 for HTTPS and SIP, SIP over TLS • SRTP (RFC3711), TLS (RFC5246), SIP over TLS • Accept/activate/deactivate all certificates • Display of certificate name and type • Edit certificates: Show details, remove • Import certificates • Client certificate support (certificate and private key uploadable) • HTTP authentication (HTTP digest username, HTTP digest password) • HTTPS (Server/Client) • HTTPS web access to the device manager
	Quality of Service	• Class of Service (CoS) • Bandwidth management for prioritizing services • QoS (RFC2474, RFC2475) • SIP ToS, Diffserv • RTP ToS, Diffserv • DSCP • Differentiated Services Code Point (DSCP) support • IEEE 802.1q • IEEE 802.1p port-based priority on LAN port, application-based priority on WAN port • IEEE 802.1Q VLAN tagging
	Provisioning	• Auto-provisioning via HTTP/HTTPS • User-specific auto-provisioning via MAC address and XML configuration file • Backup and restore functions • Firmware upgrade/downgrade • Data server (URL) editable • Provisioning process can be started manually
	Maintenance and service	• Firmware updates via the web configurator • Save and Restore • Syslog • Event logging: local and syslog • PCAP tracing
	WLAN functions	• Activate, disconnect and remove WLAN networks • WLAN status display • Automatic search for available WLAN networks • Manual input of the SSID

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	WLAN standard	IEEE 802.11 a/b/g/n/ac
	WLAN frequency	• 2.4 GHz • 5 GHz
	WLAN transmission performance	• 802.11b: 17 dBm +/- 1,5 dBm • 802.11g: 15 dBm +/- 1,5 dBm • 802.11n: 12,5 dBm +/- 1,5 dBm
	WLAN reception sensitivity	• -87 dBm at 11 Mbit/s • -71 dBm at 54 Mbit/s • -68 dBm at msc15, HT20/-66 dBm at mcs15, HT40°
	WLAN security	• WEP • WPA/WPA2-Personal • WPA/WPA2-Enterprise

Regulations - Specifications	**Approvals**	Approvals: CE
	Guidelines	• DIRECTIVE 2009/125/EC • DIRECTIVE 2011/65/EU • DIRECTIVE 2014/53/EU

	Device	**Height**	**Width**	**Depth**	**Weight**
Dimensions & Weights	Desk phone	108 mm	215 mm	182 mm	720 g

Scope Of Delivery	1x	Desk phone
	1x	Telephone handset
	1x	Handset connection cable
	1x	Power adaptor
	1x	LAN cable
	1x	Security Leaflet

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

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