

Gigaset P850W IP PRO & Gigaset P855BW IP PRO

The professional IP desk phone for the sophisticated and modern office

Highlights:

- 5" (480x272) color TFT display
- Adjustable display (P855BW IP PRO only)
- 10 (36) configurable self-labeling multicolor LED keys
- 2 USB ports (P850W IP PRO only),
1 USB port (P855BW IP PRO only)
- Bluetooth interface (P855BW IP PRO only)
- Elegant design
- WLAN
- P800 KEY PRO Expansion Module ready
- 2-port Gigabit Ethernet switch (RJ45)
with Power over Ethernet (PoE) functionality



The Gigaset P850W IP PRO and Gigaset P855BW IP PRO are intuitive, elegant and convenient desk phones with a comprehensive range of functions for a variety of workplace scenarios.

The desk phone comes with WiFi capability, 2 USB ports, 10 freely programmable function keys, a Bluetooth interface (P855BW IP PRO only) as well as a Gigabit switch with PoE support.

Meaning it is all set for almost every task in everyday office life.

With the P850W IP PRO and P855BW IP PRO Gigaset presents the new standard of IP telephony for the modern workplace.

High-resolution color display

The 5-inch TFT color display with a resolution of 480 x 272 pixels guarantees optimum visibility of the display contents regardless of the lighting conditions. The P855BW IP PRO is even equipped with a seamlessly adjustable screen so you can freely adjust the viewing angle to perfectly suit your needs. You can conveniently keep all important information in sight at any time.

Elegant and compact design

The elegant yet slim design in gunmetal look makes the Gigaset P850W IP PRO and Gigaset P855BW IP PRO an eye-catcher in every office environment. The phone is compact in size and can be easily fitted on your desk.

Self-labelling function keys

Using the 10 programmable function keys, you can easily customize your desk phone to suit your personal needs. Perform common tasks and all needed and important functions quickly and conveniently at the touch of a button.

Excellent sound quality

The Gigaset P850W IP PRO and Gigaset P855BW IP PRO deliver the highest audio quality. They are equipped with HD audio and on top of that work with advanced noise reduction. Which means you can always hear your conversation partner clearly, even in noisy environments. Additionally the device is hearing aid compatible.

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Technical Specifications

Audio	Codecs	- G.711 A-law, u-law - G.722 (wideband) - G.723, G.726, G.729ab, GSM 6.10 (FR)
	Ringtones	Built-in assignable ringtones
	Other features	- Comfort noise generator (CNG) - Voice activity detection (VAD)

Display	Size (inch)	5"
	Resolution	480 x 272 pixel
	Type	TFT color display
	Other features	Continuously adjustable (P855BW IP PRO only)

Keyboard	Keys	4 context sensitive keys
	Keys	10 programmable line / function keys with multicolor LEDs
	Keys	Dedicated keys for: Message, directory, call history, transfer, hold, conference
	Keys	Audio keys with LED indication: Mute, speakerphone, headset
	Keys	Volume key
	Keys	5-way navigation key
	Keys	Cancel key

Network specifications	Configuration	- SIP (RFC3261) - DHCP, NTP - HTTP / HTTPS / TFTP - HTTPS server / client - Transport layer security (TLS) - SRTP (RFC3711), SIPS, RTCP 802.1X Authentication and EAPOL - VPN support - LLDP-MED, RTCP-XR - Password-protected web interface
	IP	- Dual Stack IPv4 / IPv6 - VLAN (IEEE 802.1Q)
	Provisioning	- Automatic loading of settings via HTTP / HTTPS / TFTP - DHCP Options 66/67 - Gigaset Redirect and Provisioning Environment (GRAPE) support - Remote management via TR-069 / TR-111 - Configurable through web interface

Connectivity	WLAN standard	WLAN IEEE 802.11n/ac
	LAN connection	2x RJ45-8P8C Gigabit Ethernet port - Power over Ethernet (PoE) - IEEE 802.3af, class 3 / IEEE 802.3az (optional via software)
	Bluetooth connection	Bluetooth 5.2 (P855BW IP PRO only)
	Headset connection	RJ9-4P4C socket (headset available separately); support for Gigaset EHS Adapter (optional accessory)
	USB connection	2x USB 2.0 host ports (P850W IP PRO only), 1x USB 2.0 host port (P855BW IP PRO only), Type A, Hi / Full / Low-speed
	Handset	- RJ9-4P4C socket - Hearing aid compatible (HAC) handset
	Interoperability	Interoperable with all major IP PBX platforms

Phonebook	Contacts	• LDAP (Directory) • XML browser
	Address book	• Local directory with 2000 entries
Telephony	VoIP	• 12 SIP identities / accounts
	Call groups	• 3-way conferencing on the phone
	Localization	• Language, time, dial tone
	Other features	• Menu-driven user interface • Multiple language support
Dial functions	Functions	• Call forwarding • Caller identification • Call waiting • Call lists for dialed, received, missed calls • Call completion (busy / unreachable) (if supported by PBX) • Call park, call unpark (if supported by PBX) • Speed dialing • Hold • Music on hold (if supported by PBX) • Automatic redial on busy • Auto-answer • Blind and attended transfer • Extension monitoring, call pickup (if supported by PBX) • Multicast paging • URL dialing • Local dial plan • Client matter code (CMC) (if supported by PBX)
	Dialing procedure	• DTMF in-band / out-of-band / SIP-INFO
Call protection	Blocking list	• Call blocking (deny list) • DND mode (do not disturb)
	Dial lock	• Keyboard lock
Signaling & display indications	Incoming calls	• Red LED for call indication / message waiting
Power	Power supply	• PoE or 5Vdc power adapter (optional accessory), 10 Watts
	Input voltage	• 5V DC (SELV)
Dimensions & weights	Desk phone	• Without foot stand: 243 x 210 x 82 mm (9.57" x 8.27" x 3.23") • With desk stand: 243 x 173 x 178 mm (9.57" x 6.8" x 7") • Weight (approximately): 1.04 kg (2.3 lbs)
Ordering information	Color	• Gunmetal Black
Environmental conditions	Ambient temperature	• 0°C to 35°C (32°F to 95°F)
	Storage temperature	• -10°C to 45°C (14°F to 113°F)
	Humidity	• 5% to 95% (non-condensing)
Accessories	Key module	• Gigaset P800 KEY PRO for additional freely programmable function keys

	EHS adapter	Gigaset EHS Adapter
	Power adapter	Gigaset 5Vdc power adapter

Scope of delivery	1x	Desk phone
	1x	Foot stand
	1x	Handset with cord
	1x	Quick Start Guide

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Version
