

# Gigaset P820 IP PRO & Gigaset P825 IP PRO

The professional IP desk phone for everyday office life

## Highlights:

- 5" (480x272) color LCD display
- Adjustable display (P825 IP PRO only)
- 8 (28) configurable self-labeling multicolor LED keys
- 1 USB port
- Elegant design
- P800 KEY PRO Expansion Module ready
- 2-port Gigabit Ethernet switch (RJ45) with Power over Ethernet (PoE) functionality



The Gigaset P820 IP PRO and Gigaset P825 IP PRO combine a versatile feature set and an excellent voice quality in an elegant design and are the perfect companion for almost every task in everyday office life.

Equipped with a high-quality 5" LCD screen, it always offers a very good overview, regardless of the lighting conditions. The 8 freely programmable function keys are ideal as BLF keys or for storing various business relevant functions. The Gigabit switch with PoE support rounds up the feature set.

With the P820 IP PRO and P825 IP PRO Gigaset enables the perfect entry into the world of modern IP telephony.

## High-resolution color display

The 5-inch LCD color display with a resolution of 480 x 272 pixels guarantees optimum visibility of the display contents regardless of the lighting conditions. The P825 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 P820 IP PRO and Gigaset P825 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 8 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 P820 IP PRO and Gigaset P825 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

<b>Audio</b>	<b>Codecs</b>	<ul style="list-style-type: none"> <li>• G.711 A-law, u-law</li> <li>• G.722 (wideband)</li> <li>• G.726, G.729ab, GSM 6.10 (FR)</li> </ul>
	<b>Ringtones</b>	<ul style="list-style-type: none"> <li>• Built-in assignable ringtones</li> </ul>
	<b>Other features</b>	<ul style="list-style-type: none"> <li>• Comfort noise generator (CNG)</li> <li>• Voice activity detection (VAD)</li> </ul>

<b>Display</b>	<b>Size (inch)</b>	<ul style="list-style-type: none"> <li>• 5"</li> </ul>
	<b>Resolution</b>	<ul style="list-style-type: none"> <li>• 480 x 272 pixel</li> </ul>
	<b>Type</b>	<ul style="list-style-type: none"> <li>• TFT color display</li> </ul>
	<b>Other features</b>	<ul style="list-style-type: none"> <li>• Continuously adjustable (P825 IP PRO only)</li> </ul>

<b>Keyboard</b>	<b>Keys</b>	<ul style="list-style-type: none"> <li>• 4 context sensitive keys</li> </ul>
	<b>Keys</b>	<ul style="list-style-type: none"> <li>• 8 programmable line / function keys with multicolor LEDs</li> </ul>
	<b>Keys</b>	<ul style="list-style-type: none"> <li>• Dedicated keys for: Message, call history, transfer, hold, conference</li> </ul>
	<b>Keys</b>	<ul style="list-style-type: none"> <li>• Audio keys with LED indication: Mute, speakerphone, headset</li> </ul>
	<b>Keys</b>	<ul style="list-style-type: none"> <li>• Volume key</li> </ul>
	<b>Keys</b>	<ul style="list-style-type: none"> <li>• 5-way navigation key</li> </ul>
	<b>Keys</b>	<ul style="list-style-type: none"> <li>• Cancel key</li> </ul>

<b>Network specifications</b>	<b>Configuration</b>	<ul style="list-style-type: none"> <li>• SIP (RFC3261)</li> <li>• DHCP, NTP</li> <li>• HTTP / HTTPS / TFTP</li> <li>• HTTPS server / client</li> <li>• Transport layer security (TLS)</li> <li>• SRTP (RFC3711), SIPS, RTCP</li> <li>• 802.1X Authentication and EAPOL</li> <li>• VPN support</li> <li>• LLDP-MED, RTCP-XR</li> <li>• Password-protected web interface</li> </ul>
	<b>IP</b>	<ul style="list-style-type: none"> <li>• Dual Stack IPv4 / IPv6</li> <li>• VLAN (IEEE 802.1Q)</li> </ul>
	<b>Provisioning</b>	<ul style="list-style-type: none"> <li>• Automatic loading of settings via HTTP / HTTPS / TFTP</li> <li>• DHCP Options 66/67</li> <li>• Gigaset Redirect and Provisioning Environment (GRAPE) support</li> <li>• Remote management via TR-069 / TR-111</li> <li>• Configurable through web interface</li> </ul>

<b>Connectivity</b>	<b>LAN connection</b>	<ul style="list-style-type: none"> <li>• 2x RJ45-8P8C Gigabit Ethernet ports</li> <li>• Power over Ethernet (PoE)</li> <li>• IEEE 802.3af, class 3 / IEEE 802.3az (optional via software)</li> </ul>
	<b>Headset connection</b>	<ul style="list-style-type: none"> <li>• 4P4C; support for Gigaset EHS Adapter (optional accessory)</li> </ul>
	<b>USB connection</b>	<ul style="list-style-type: none"> <li>• 1x USB 2.0 host port, Type A, Hi / Full / Low-speed</li> </ul>
	<b>Handset</b>	<ul style="list-style-type: none"> <li>• Hearing aid compatible (HAC) handset</li> </ul>
	<b>Interoperability</b>	<ul style="list-style-type: none"> <li>• Interoperable with all major IP PBX platforms</li> </ul>

<b>Phonebook</b>	<b>Contacts</b>	<ul style="list-style-type: none"> <li>• LDAP (Directory)</li> <li>• XML browser</li> </ul>
	<b>Address book</b>	<ul style="list-style-type: none"> <li>• Local directory with 2000 entries</li> </ul>

Telephony	VoIP	<ul style="list-style-type: none"> <li>12 SIP identities / accounts</li> </ul>
	Call groups	<ul style="list-style-type: none"> <li>3-way conferencing on the phone</li> </ul>
	Localization	<ul style="list-style-type: none"> <li>Language, time, dial tone</li> </ul>
	Other features	<ul style="list-style-type: none"> <li>Menu-driven user interface</li> <li>Multiple language support</li> </ul>
Dial functions	Functions	<ul style="list-style-type: none"> <li>Call forwarding</li> <li>Caller identification</li> <li>Call waiting</li> <li>Call lists for dialed, received, missed calls</li> <li>Call completion (busy / unreachable) (if supported by PBX)</li> <li>Call park, call unpark (if supported by PBX)</li> <li>Speed dialing</li> <li>Hold</li> <li>Music on hold (if supported by PBX)</li> <li>Automatic redial on busy</li> <li>Auto-answer</li> <li>Blind and attended transfer</li> <li>Extension monitoring, call pickup (if supported by PBX)</li> <li>Multicast paging</li> <li>URL dialing</li> <li>Local dial plan</li> <li>Client matter code (CMC) (if supported by PBX)</li> </ul>
	Dialing procedure	<ul style="list-style-type: none"> <li>DTMF in-band / out-of-band / SIP-INFO</li> </ul>
Call protection	Blocking list	<ul style="list-style-type: none"> <li>Call blocking (deny list)</li> <li>DND mode (do not disturb)</li> </ul>
	Dial lock	<ul style="list-style-type: none"> <li>Keyboard lock</li> </ul>
Signaling & display indications	Incoming calls	<ul style="list-style-type: none"> <li>Red LED for call indication / message waiting</li> </ul>
Power	Power supply	<ul style="list-style-type: none"> <li>PoE or 5Vdc power adapter (optional accessory), 10 Watts</li> </ul>
	Input voltage	<ul style="list-style-type: none"> <li>5V DC (SELV)</li> </ul>
Dimensions & weights	Desk phone	<ul style="list-style-type: none"> <li>Without foot stand: 243 x 210 x 82 mm (9.57" x 8.27" x 3.23")</li> <li>With foot stand: 243 x 173 x 178 mm (9.57" x 6.8" x 7")</li> <li>Weight (approximately): 1.04 kg (2.3 lbs)</li> </ul>
Ordering information	Color	<ul style="list-style-type: none"> <li>Gunmetal Black</li> </ul>
Environmental conditions	Ambient temperature	<ul style="list-style-type: none"> <li>0°C to 35°C (32°F to 95°F)</li> </ul>
	Storage temperature	<ul style="list-style-type: none"> <li>-10°C to 45°C (14°F to 113°F)</li> </ul>
	Humidity	<ul style="list-style-type: none"> <li>5% to 95% (non-condensing)</li> </ul>
Accessories	Key module	<ul style="list-style-type: none"> <li>Gigaset P800 KEY PRO for additional freely programmable function keys</li> </ul>
	EHS adapter	<ul style="list-style-type: none"> <li>Gigaset EHS Adapter</li> </ul>
	Power adapter	<ul style="list-style-type: none"> <li>Gigaset 5Vdc power adapter</li> </ul>
Scope of delivery	1x	<ul style="list-style-type: none"> <li>Desk phone</li> </ul>
	1x	<ul style="list-style-type: none"> <li>Foot stand</li> </ul>
	1x	<ul style="list-style-type: none"> <li>Handset with cord</li> </ul>

	1x	<ul style="list-style-type: none"><li>• Quick Start Guide</li></ul>
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Datasheet	31.01.2025
Version	

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