

# 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.

# Gigaset

## 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.723, 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 (P855BW 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>10 programmable line / function keys with multicolor LEDs</li> </ul>
	<b>Keys</b>	<ul style="list-style-type: none"> <li>Dedicated keys for: Message, directory, 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>WLAN standard</b>	<ul style="list-style-type: none"> <li>WLAN IEEE 802.11n/ac</li> </ul>
	<b>LAN connection</b>	<ul style="list-style-type: none"> <li>2x RJ45-8P8C Gigabit Ethernet port</li> <li>Power over Ethernet (PoE)</li> <li>IEEE 802.3af, class 3 / IEEE 802.3az (optional via software)</li> </ul>
	<b>Bluetooth connection</b>	<ul style="list-style-type: none"> <li>Bluetooth 5.2 (P855BW IP PRO only)</li> </ul>
	<b>Headset connection</b>	<ul style="list-style-type: none"> <li>RJ9-4P4C socket (headset available separately); support for Gigaset EHS Adapter (optional accessory)</li> </ul>
	<b>USB connection</b>	<ul style="list-style-type: none"> <li>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</li> </ul>
	<b>Handset</b>	<ul style="list-style-type: none"> <li>RJ9-4P4C socket</li> <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>
<b>Telephony</b>	<b>VoIP</b>	<ul style="list-style-type: none"> <li>• 12 SIP identities / accounts</li> </ul>
	<b>Call groups</b>	<ul style="list-style-type: none"> <li>• 3-way conferencing on the phone</li> </ul>
	<b>Localization</b>	<ul style="list-style-type: none"> <li>• Language, time, dial tone</li> </ul>
	<b>Other features</b>	<ul style="list-style-type: none"> <li>• Menu-driven user interface</li> <li>• Multiple language support</li> </ul>
<b>Dial functions</b>	<b>Functions</b>	<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>
	<b>Dialing procedure</b>	<ul style="list-style-type: none"> <li>• DTMF in-band / out-of-band / SIP-INFO</li> </ul>
<b>Call protection</b>	<b>Blocking list</b>	<ul style="list-style-type: none"> <li>• Call blocking (deny list)</li> <li>• DND mode (do not disturb)</li> </ul>
	<b>Dial lock</b>	<ul style="list-style-type: none"> <li>• Keyboard lock</li> </ul>
<b>Signaling &amp; display indications</b>	<b>Incoming calls</b>	<ul style="list-style-type: none"> <li>• Red LED for call indication / message waiting</li> </ul>
<b>Power</b>	<b>Power supply</b>	<ul style="list-style-type: none"> <li>• PoE or 5Vdc power adapter (optional accessory), 10 Watts</li> </ul>
	<b>Input voltage</b>	<ul style="list-style-type: none"> <li>• 5V DC (SELV)</li> </ul>
<b>Dimensions &amp; weights</b>	<b>Desk phone</b>	<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 desk 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>
<b>Ordering information</b>	<b>Color</b>	<ul style="list-style-type: none"> <li>• Gunmetal Black</li> </ul>
<b>Environmental conditions</b>	<b>Ambient temperature</b>	<ul style="list-style-type: none"> <li>• 0°C to 35°C (32°F to 95°F)</li> </ul>
	<b>Storage temperature</b>	<ul style="list-style-type: none"> <li>• -10°C to 45°C (14°F to 113°F)</li> </ul>
	<b>Humidity</b>	<ul style="list-style-type: none"> <li>• 5% to 95% (non-condensing)</li> </ul>
<b>Accessories</b>	<b>Key module</b>	<ul style="list-style-type: none"> <li>• Gigaset P800 KEY PRO for additional freely programmable function keys</li> </ul>

	<b>EHS adapter</b>	<ul style="list-style-type: none"> <li>Gigaset EHS Adapter</li> </ul>
	<b>Power adapter</b>	<ul style="list-style-type: none"> <li>Gigaset 5Vdc power adapter</li> </ul>

  

<b>Scope of delivery</b>	<b>1x</b>	<ul style="list-style-type: none"> <li>Desk phone</li> </ul>
	<b>1x</b>	<ul style="list-style-type: none"> <li>Foot stand</li> </ul>
	<b>1x</b>	<ul style="list-style-type: none"> <li>Handset with cord</li> </ul>
	<b>1x</b>	<ul style="list-style-type: none"> <li>Quick Start Guide</li> </ul>

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