Polycom® SoundStation2W™ Wireless Analog Conference Phone

Superb voice conferencing performance with wireless freedom and flexibility

The Polycom® SoundStation2W™ wireless conference phone extends mobile conferencing to virtually any environment by eliminating the need to connect via dedicated telephone or data lines. Anywhere high-quality voice conferencing is needed, the Polycom SoundStation2W phone delivers.

With patented Polycom® Acoustic Clarity™ technology delivering exceptional performance and voice quality, the Polycom SoundStation2W phone also provides secure encryption, frequency hopping for uninterrupted conversations, seamless integration with mobile phones or PCs for dialing, and a long-lasting lithium-ion battery that provides up to 24 hours of talk time and 160 hours on standby.

The Polycom SoundStation2W Base Station connects to any standard analog telephone line, and the conference phone console itself can roam up to 150 feet from the base station. Full duplex audio provides natural, simultaneous two-way conversations without clipping or drop-outs. Users can speak in normal tones and be heard clearly up to ten feet away—making every call more productive. Dynamic Noise Reduction (DNR) actively removes background noise such as that caused by projectors and ventilation systems, while 360-degree microphone coverage with intelligent mixing highlights the person speaking, not distracting ambient sounds. In addition, the Polycom SoundStation2W conference phone features "No More Buzz" technology that resists interference from mobile phones and other wireless devices, delivering clear communications without distraction.

The Polycom SoundStation2W phone also enables users to instantly connect their mobile phones to the conference phone. This mode gives users the option to dial directly through their mobile phones and use the SoundStation2W as a high-quality conference phone. Since the call is dialed through the mobile phone network, true portability and wireless freedom eliminates the need for an analog phone line. The Polycom SoundStation2W phone can also be connected to a computer for use with Internet phone calls.*

Note: Polycom SoundStation2W models use either 1.8 GHz DECT (Digital Enhanced Cordless Telecommunications), 1.9GHz DECT 6.0, or the 2.4 GHz WDCT (Worldwide Digital Cordless Telecommunications) standard, depending on the wireless requirements where the phone will be used.

* Computer calling cable included with SoundStation2W EX model, optional on other models

Benefits

- **More productive calls**— Patented Polycom® Acoustic Clarity™ technology delivers crystal-clear conversations, making conference calls more productive

- **Proven and secure wireless technology**—With voice encryption for added security

- **Freedom**—Conference without cords up to 150 feet from the base station

- **Long lasting battery**—Up to 24 hour talk time and 160 hour standby from lithium-ion battery, with portable charger included

- **Resists interference from mobile phones**—Clearer calls with no distracting noise from wireless devices

- **Unparalleled flexibility**— Applications Port enables conferencing through mobile devices and computers

- **Easy to use and install**— Works like other Polycom analog conference phones, compatible with any analog phone line

- **Investment protection**— Software upgradeable through mini-USB port

Console specifications

Size (L x W x H)
• 14.5 x 12.25 x 2.5 in (36.8 x 31.1 x 6.4 cm)

Weight
• 1.90 lbs (0.86 kg) (without battery)

Power
• 12VDC nominal; supplied by battery or portable AC charger

Portable charger power supply size and weight
• 2.2 x 2.85 x 1.85 in (5.59 x 7.24 x 4.7 cm)
• Weight—1.0 lbs (0.45 kg)

Wireless capability
• Wireless protocol—1.8GHz DECT, 1.9GHz DECT 6.0, or 2.4GHz WDCT
• Digital spread spectrum with frequency hopping
• Signal range: 150 ft (45 m) from base station
• Dual diversity antennas
• Battery: Rechargeable lithium-Ion battery pack
• Talk time: 12 hrs (basic version), 24 hrs (EX version)
• Standby time: Up to 80 hrs (basic version), 160 hrs (EX version)
• Charge time: 4 hrs (basic version), 8 hrs (EX version)
• Signal strength and battery status continuously displayed on LCD
• Portable console charger: 1Amp standard 110-240VAC 50/60Hz power supply

Security
• 64-bit voice encryption between console and base station
• Aux out record feature activated via console keypad

Applications port
• Four-foot mobile phone cable with standard 2.5 mm headset plugs
• Four-foot computer calling cable to connect to line-out and line-in ports on computer*

Display
• Size (pixels): 132 x 65 (W x H)
• High-resolution backlit graphical LCD

Caller ID and phone book
• Support for multiple caller ID standards
• Bellcore type 1 (requires a telephone company subscription for activation)
• ETSI
• DTMF
• British Telecom
• Phone book/speed dial list—up to 25 entries

Keypad
• 12-key telephone keypad
• On-hook/off-hook, conference, mute, volume up/down keys, menu, navigation keys
• 4 context-dependent soft keys including redial and hold

Audio features
• Loudspeaker frequency response: 300-3300Hz
• Volume: Adjustable to 94dBA SPL (peak) volume at 1.0 m
• 3 cardioid microphones 300—3500Hz
• Polycom® Acoustic Clarity™ full duplex— IEEE 1329 Type 1 at -2dB idle limit
• Up to 10 ft (3 m) microphone pick-up range
• Gated microphones with intelligent microphone mixing
• Dynamic noise reduction

Console interfaces
• 1.8 GHz DECT, 1.9 GHz DECT 6.0, or 2.4 GHz WDCT radio interface to base station
• 2.5 mm connection port (cable included)[1 & 2]
• Interface to charger
• Mini-USB port for software upgrades
• 2 expansion microphone connections (EX version only)
• Console locking grommet (compatible with standard laptop/PC security cables)
• Wall mounting fastening holes

Base station specifications

Size (L x W x H)
• 5.9 x 5.9 x 1.6 in (15.07 x 15.07 x 4.1 cm)
• Wall mountable

Weight
• 0.7 lbs (0.32 kgs)

User interface
• Power LED
• Call in progress LED
• Console locating button with audible console feedback

Power
• 110-240VAC 50/60Hz (power supply included)

Base station power supply size and weight
• 1.9 x 2.4 x 1.65 in (4.83 x 6.1 x 4.19 cm)
• Weight: 0.55 lbs (0.25 kg)

Base station audio auxiliary output
• Style: RCA jack
• Output activated from console menu to ensure privacy

Base station telco interface

- Network connection—2-wire RJ-11 analog PBX or PSTN interface
- Speech mode
- Bandwidth 300–3300Hz
- Network requirements—compatible with standard PSTN and PBX networks, analog or G.711 encoded

Accessories

- 2 cardioid expansion microphones 300–3500 Hz (for EX version only, wired mics)
- 4-Cell battery pack with 24 hrs talk time
- 2-Cell battery pack with 12 hrs talk time
- Replacement portable console charger
- Replacement mobile phone connector cable
- Replacement computer calling connector cable

Safety

- UL/C-UL
- IEC60950-1

EMC

- FCC Part 15.247
- ICES-003
- CE Mark (R and TTE Directive)
- A-Tick and C-Tick Marks
- RoHS Compliant

Environmental requirements

- Operating temperature: 40°–104° F (5°–40° C)
- Relative humidity: 20%–85% (noncondensing)
- Storage temperature: -22°–131° F (-30°–55° C)

Recommended room conditions

- Reverberation time: <0.54 seconds
- Noise level: <48 dBa
- Approx room size: 10 x 20 ft

SoundStation2W ships with

- Tabletop phone console with integrated display and keypad
- Compact base station
- Rechargeable lithium-ion battery pack
- Portable console charger
- 4 ft (1.2 m) mobile device connection cable[1]
- 4 ft (1.2 m) computer calling cable[2]
- Base station power cable
- 7 ft (2.1 m) base station telco cable
- User documentation (user guide CD, quick installation guide)

Warranty

- 1 year

Country of origin

- China

---

1. The 3.5 mm Mobile Device Cable is for devices with 3.5 mm headset port with iPhone® style wiring and wiring used by many Samsung, Sony Mobile Communications and Nokia mobile devices. Included with SoundStation2W EX model, optional on other models

2. Computer calling cable included with SoundStation2W EX model, optional on other models

Need flexible financing?

Polycom CAPITAL
Collaborative Financing
www.polycom.com/polycom-capital

About Polycom

Polycom is the global leader in open standards-based unified communications and collaboration (UC&C) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment.

Polycom, Inc.	Polycom Asia Pacific Pte Ltd	Polycom EMEA
1.800.POLYCOM	+65 6389 9200	+44 (0)1753 723282
www.polycom.com	www.polycom.asia	www.polycom.co.uk

POLYCOM™

5935_0413