Polycom® SoundStation2W™

Wireless Conference Phone

Superb voice conferencing performance with wireless freedom and flexibility

Now there's a conference phone without cords that gives you the freedom to conference anywhere team collaboration is important – even in rooms where there are no phone lines. Featuring superb voice quality, proven wireless technologies, added security of voice encryption, up to 24 hours of talk time, and the ability to dial through a mobile phone or computer, the SoundStation2W adds remarkable freedom and flexibility to the traditional conference call.

Our secure and proven wireless platforms provide simple and robust wireless capability, with frequency hopping technology to avoid interference. The base station connects to any standard analog telephone line, and the phone console itself can roam up to 150 feet from the base station, with a long-lasting Lithium Ion battery providing up to 24 hours of talk time and 160 hours on standby.

The SoundStation2W delivers the voice quality you have come to expect from Polycom. Its patented Polycom Acoustic Clarity™ technology delivers exceptional performance and voice quality, making your conference calls clearer and more productive. Industry-leading full duplex technology provides natural, simultaneous two-way conversation without clipping or drop-outs that are common in traditional speakerphones. Users can speak in a normal voice and be heard clearly up to ten feet away – making every call a more productive call. Dynamic Noise Reduction (DNR) actively removes background noise such as projectors and ventilation systems, while 360-degree microphone coverage with intelligent mixing highlights the person speaking, not the distracting ambient sounds, for crystal clear conferencing. It also features technology that resists interference from mobile phones and other wireless devices, delivering clear communications with no distractions.

SoundStation2W also enables users to instantly connect their mobile phone to the conference phone. This mode gives users the option to dial directly through the mobile phone, using the SoundStation2W as a high-quality conference phone for the mobile phone. Because the call is dialed through the mobile phone network, there is no need for an analog phone line – providing true portability and wireless freedom. In addition, the SoundStation2W can be connected to a computer for use with Internet phone calls.*

Note: SoundStation2W models use either 2.4 GHz WDCT (Worldwide Digital Cordless Telecommunications) or the 1.9 GHz DECT (Digital Enhanced Cordless Telecommunications) standards, depending on the wireless requirements where the phone will be used. In North America, both WDCT and DECT 6.0 versions are available.

* 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 hr. talk time 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 phones and computers

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

▶ **Investment protection** – Software upgradeable through mini-USB port

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Polycom® SoundStation2W® Features and Specifications

Console

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 lb. (0.86 kg) (without battery)

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

Portable charger power supply size & weight
- 2.2 x 2.85 x 1.85"
- Weight 1.0 lbs (0.45 kg)

Wireless Capability
- Wireless protocol – 2.4 GHz WDCT or 1.9 GHz DECT
- Digital Spread Spectrum with Frequency Hopping
- Signal range – 150 feet 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 – 1 Amp standard 110V 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 2.5mm headset plugs
- Four-foot computer calling cable to connect to line-out and line-in ports on computer*

Display
- 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
- 3 context sensitive soft keys including redial, hold, programmable conference key

Console loudspeaker
- Frequency response: 300 to 3300 Hz
- Volume: adjustable to 94 dBA SPL (peak) volume at 1.0 meters

Console microphones
- 3 cardioid microphones 300 to 3500 Hz

Audio
- Polycom Acoustic Clarity full duplex – IEEE 1329
- Type 1 @ -2dB idle limit
- Up to 10 ft. microphone pick-up range
- Gated microphones with intelligent microphone mixing
- Dynamic noise reduction

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

Base Station

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 lb. (0.32kg)

User interface
- Power LED
- Call in progress LED
- Console Locating Button with audible console feedback

Power
- Power: 110V, 50/60 Hz (power supply included)

Base station power supply size & weight
- 1.9 x 2.4 x 1.65"
- 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 Hz to 3.3 kHz
- Network requirements: compatible with standard PSTN and PBX networks, analog or
- G.711 encoded

Accessories
- 2 cardioid extension microphones 300 – 3500 Hz (for EX version only, wired mics)
- 4-Cell battery pack with 24 hour talk time
- 2-Cell battery pack with 12 hour talk time
- Replacement portable console charger
- Replacement cell phone connector cable

Regulatory compliance
- UL/C-UL
- ICES-003
- FCC Part 15.247
- FCC Part 68
- CE Mark (R and TTE Directive)
- A-Tick and C-Tick Marks

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: 10x20

SoundStation2W ships with:
- Tabletop phone console with integrated display and keypad
- Compact base station
- Rechargeable Li-Ion battery pack
- Portable console charger
- 4 ft. cell phone connection link
- 4 ft. computer calling cable[3]
- Base station power cable
- 1 7-ft. (2.1m) base station telco cable
- User documentation (user guide CD, quick installation guide, registration card)

Warranty
- 1 year

1. Not all mobile phone models support the SoundStation2W mobile phone connector. Conferences using some mobile phone models may experience diminished audio quality or other functionality. For a list of mobile phones that are know to work well with the SoundStation2W, please consult www.polycom.com.
2. SoundStation2W uses a cable that connects to a standard 2.5mm headset connector. If your mobile phone model does not support this type of connection you will need an adapter (not included).

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

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