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Polycom® SoundStation2W™
Wireless 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 SoundStation2W phone delivers.

With patented Polycom Acoustic Clarity™ technology delivering exceptional performance and voice quality, the 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 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 SoundStation2W conference phone features "No More Buzz" technology that resists interference from mobile phones and other wireless devices, delivering clear communications without distraction.

The 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 SoundStation2W phone can also 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.

* 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

Polycom SoundStation2W 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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