# Polycom® SoundStation2W™

## The worldwide leader goes wireless

## Benefits

**Acoustic Clarity Technology** – Allows simultaneous natural conversation – the industry's best full duplex

**Proven and secure wireless** – 2.4 GHz WDCT and 1.9 GHz DECT Technology with voice encryption for added security

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

**Long lasting battery** – Charge once a week and go!  Up to 24 hr. talk time lithium-ion battery with portable charger

**Unparalleled flexibility** – Cell phone connector for a new mode of conferencing when there are no phone lines available*

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

**Investment protection** – Software upgradeable through mini-USB port. Ask about our service program

*\* 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).*

*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.*

## Remarkable Voice Quality. Wireless Freedom.

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.  With superior voice quality to the award winning SoundStation, proven 2.4 GHz and 1.9 GHz wireless technologies, added security of voice encryption, up to 24 hours of talk time, and the ability to dial through a cell phone, the SoundStation2W is the new standard for everyday conferencing.

SoundStation2W delivers voice quality that is twice as loud and provides twice the microphone sensitivity as the original SoundStation enabling clearer natural, two-way conversations. Our secure and proven 2.4 GHz and 1.9 GHz platforms provides simple and robust wireless capability with any analog phone line.  With reliable 150 foot wireless roaming from the base station, wireless frequency hopping to avoid interference, and a long lasting Lithium-ion battery, the SoundStation2W truly meets today's needs for excellent voice quality and usage flexibility.

SoundStation2W is also the first phone that combines cell phone convenience and Polycom voice quality. The standard headset cable provided enables users to instantly connect their cell phone to the conference phone.  This mode gives users the option to dial directly through a cell phone or transfer between handset and conference phone mode during a conversation.  Because the call is dialed through the cellular network, there is no need for an analog phone line– providing true portability and wireless freedom!

The SoundStation2W – designed to be used where you need it, because the conference room isn't always enough!

### The new standard for anywhere conferencing to access the power of Polycom unified collaborative communications solutions.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience.  Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity.  Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.

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

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# 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

### Cell phone connection
- Four foot cable with standard 2.5mm headset plugs

### 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)
- 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
- Base station power cable
- 1 7-ft. (2.1m) base station telco cable
- User documentation (user guide CD, quick installation guide, registration card)

### Warranty
- 12 months

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