# 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 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

## 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 wireless technology, 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 platform provides simple and robust wireless capability with any analog phone line. SoundStation2W is also the first phone that bridges cell phone convenience and Polycom voice quality. By connecting with a standard headset cable, users can dial through cell phones or transfer between handset and conference phone mode. 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.

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

### The freedom to connect any way you want.

The SoundStation2W is also an integral component of Polycom's conferencing solutions. With integrated video, voice, data and Web capabilities, only Polycom offers you an easy way to connect, conference and collaborate any way you want. It's our commitment to making distance communications as natural and interactive as being there. Work faster, smarter and better with the SoundStation2W and Polycom.

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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 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 –3 hrs. (Basic Version), 6 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
- Bellcore type 1 (requires a telephone company subscription for activation)
- Phone book – up to 20 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
- Automatic Gain Control (AGC) – up to 9 ft. microphone pickup range
- Gated microphones with intelligent microphone mixing
- Dynamic noise reduction

### Console interfaces
- 2.4 GHz WDCT 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

### 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

### Part numbers
- 2200-07880-001 Basic model
- 2200-07800-001 EX model

Available in North America only; international availability to be announced at a future date

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