Polycom® SoundStation2™ Avaya 2490

Setting the Standard. Again.

Remarkable Voice Quality. Avaya® DEFINITY® Compatibility.

For Avaya DEFINITY users, communicating with crystal clarity couldn't be easier. Just connect a SoundStation2 Avaya conference phone directly into a DEFINITY ECS digital wall jack. You don't need an analog port, analog adapter, or complicated connections to take advantage of natural two-way conversations with Polycom's breakthrough Acoustic Clarity Technology. Polycom's SoundStation2 product line has redefined the standard for business-quality voice conferencing. With industry-leading full duplex for natural, simultaneous two-way conversation, the SoundStation2 Avaya conference phone will exceed your expectations in medium to small conference rooms. Delivering remarkable voice quality equal to the original SoundStation Premier® 500D/550D conference phone and a 50% increase in microphone sensitivity over the award-winning SoundStation, users can speak in a normal voice and be heard clearly up to ten feet away – making every call a more productive call.

SoundStation2 Avaya conference phone provides users with advanced features, including a large backlit display that offers easily visible call information and telephone functions. Smart technology, such as Dynamic Noise Reduction (DNR), provides maximum microphone sensitivity, while reducing distracting room and background noise. And the SoundStation2 Avaya conference phone offers 360-degree microphone coverage with intelligent mixing – so only the microphone closest to the speaker is on for crystal clear conferencing. It also features technology that resists interference from mobile phones and other wireless devices, delivering clear communications with no distractions. Plus, the SoundStation2 Avaya conference phone provides direct access to your Avaya DEFINITY's conferencing feature, allowing quick and easy connections of up to six* locations in a single conference call without using a conference bridging service.

Benefits

- **More productive calls** – Polycom's patented Acoustic Clarity Technology allows simultaneous, natural, freeflowing conversation
- **Hear and be heard clearly** – Twice the loudness and microphone sensitivity of the original SoundStation – eliminates ear strain and repetition
- **Resists interference from mobile phones** – Clearer calls with no distracting noise from wireless devices
- **Backlit display provides important information** – Displays console phone number, number called, duration/ progress of call
- **Ability to increase coverage** – Optional extension microphones expand coverage for larger conference rooms
- **DEFINITY ECS conferencing feature** – Direct access to your Avaya DEFINITY'sconferencing feature allows quick and easy connections of up to six* locations in a singleconference call without using a conference bridging service

**Dependent upon DEFINITY ECS configuration*

POLYCOM®

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Polycom® SoundStation2® Avaya2490 Specifications

Architecture

- Tabletop console contains audio processing functions and keypad. Wall module contains power and PBX line interfaces.
- Cables consist of 21 ft (6.4 m) single-cord connection to tabletop console and 6 ft (1.8 m) connection to RJ-11 telephone jack. Optional Extended microphone modules connect to console via 7 ft. (2.1 m) cables

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
- 1.75 lb. (0.8 kg)

Power
- 110V 60Hz AC / 220V 50 Hz AC (depending on country-specific SKU)

Network interface
- Avaya DEFINITY ECS

PBX Compatibility
- Compatible with any DEFINITY voice port that supports the 6400, 7400 or 8400 series phones (except the Callmaster series)

Display
- 132x65 pixel backlit graphical LCD

User interface*
- User selectable ring tones
- Configurable soft keys for easy dialing of voice conferencing services
- Multi-lingual support: English, German, French, Italian, Spanish, Portuguese, Norwegian
- Password protected configuration settings for administrators

Caller ID and phone book
- 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 0.5 meters

Console microphones
- 3 cardioid microphones 300 to 3500 Hz

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

Interfaces
- 2 EX microphone connections*
- Applications Port* for connection to other communication devices such as mobile phones† and computers
- RCA Auxiliary audio jack

Accessories
- 2 cardioid extension microphones 300 – 3500 Hz (for EX model only)

Regulatory compliance
- NA CI/C-UL
- FCC Part 68
- FCC Part 15 Class B
- Canadian ICES-003
- CE Mark (R & TTE Directive)

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: <0.5 seconds
- Noise level: <48 dBa

SoundStation2 ships with:
- Tabletop phone console
- 21 ft. (6.4 m) cord to console
- 6 ft. (1.8 m) telco cable to RJ-11 telephone jack
- User documentation (user guide CD, quick installation guide, registration card)

Warranty
- 1 year

Part Numbers (North America)
- 2305-16375-001: SoundStation2 Avaya 2490
- 2200-16155-001: Extension microphone kit

† SoundStation2 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).

Connecting the SoundStation2 to a mobile phone is analogous to connecting a headset to a mobile phone. Not all mobile phone models recognize the SoundStation2 as a headset. For a list of mobile phones that are known to work with SoundStation2, please consult www.polycom.com.

Users receive the same great quality and features as the Polycom SoundStation2 conference phone, including:	
Polycom Acoustic Clarity Full Duplex	■
3 Cardiod microphones	■
10ft Microphone Pickup range	■
Intelligent microphone mixing	■
Dynamic Noise Reduction	■
Volume (adjustable up to 94 dBA @ 0.5m)	■
User selectable ring tones	■
12-key telephone keypad	■
Mute, Volume up/down keys	■
Mute, Conference keys	■
Graphical Backlit LCD	■
Configurable conference Speed Dial Key	■
3 Context sensitive soft-keys	■
Multi-lingual User Interface	■
CallerID	■
25 Entry Phone Book	■
RCA Auxiliary Audio Jack	■
Applications Port	■
EX microphone jacks	■

Polycom Worldwide Headquarters
4750 Willow Road, Pleasanton, CA 94588
1.800.POLYCOM or +1.925.924.6000
www.polycom.com

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