

## Spectralink 8452 EU Black Handset Lync & SIP



Product Name: Spectralink 8452 EU Black Handset Lync & SIP

Manufacturer: -

Model Number: 2200-37199-101

Please Note: This product is end of life. For an alternative, please see the other Spectralink phones.

Spectralink 8452 EU Black Handset Lync & SIP

The Spectralink 8452 EU Black Handset Lync & SIP delivers on a fundamental need for enterprise-grade on-site voice mobility. Characterized by market-leading HD voice quality, durability, broad telephony and WLAN interoperability, the Spectralink 84-Series handsets deliver a reliable user experience and predictable return on investment.

Spectralink 8452 EU Black Features

- Four (4) context-sensitive softkey buttons

- Push-to-Talk

- Five-way navigation and select control

- Home & Back navigation keys

- Up/Down volume control

- Barcode reader (8452/8453 handsets)

- Start and End Keys

- Panic/Duress

And with Spectralink VQO built into every 84-Series device, you get an engineered system that delivers superior voice quality. Spectralink VQO links seamlessly to access points using a proprietary, adaptive, algorithm. And only advanced, guided implementation by the Spectralink experts can ensure crystal-clear communication.

The Spectralink 84-Series enhances the customer value proposition through an optional integrated barcode scanner and an enhanced standards-based applications interface. In partnership with the Spectralink applications development ecosystem, the Spectralink 84-Series products enable new opportunities for end-user productivity solutions.

Spectralink 8452 EU Black - Technical Specifications

DISPLAY

- 2.2 in. (55.9 mm)

- 240 x 320 resolution

- 65,000 color palette

STATUS LED

- Message (voicemail) waiting

- Out of coverage

- Phone ringing

PERIPHERAL INTERFACES

- Micro USB interface for wall charging and configuration

- 2.5mm connector for wired headset

- Bluetooth

BATTERIES

## Spectralink 8452 EU Black Handset Lync & SIP

- Two easy-access cosmetic battery capacity options
- Standard – Up to 8 hrs talk time, 80hrs standby time
- Enhanced – Up to 12 hrs talk time, 120hrs standby time May vary based on scanner, applications usage, screen brightness settings, etc.

### DURABILITY

- Drop/shock: MIL STD 810F, method 516.5 procedure IV
- Ingress protection standard: IP 64 per IEC 60529
- Rubberized molding
- Magnesium LCD mounting

### ENVIRONMENTAL

- Operational temperature: 32 - 104° F (0 - 40° C)
- Storage temperature: -22 -140° F (-30 - 60° C)

### DIMENSIONS

- Dimensions 5.8 x 2.1 x 1.0 inc. (147 x 53 x 25 mm) 5.7 x 2.1 x 1.3 in. (146 x 54 x 34 mm )

### Wi-Fi

#### • BAND FREQUENCY DATA RATES

- 802.11a 5.15 - 5.25 GHz 5.25 - 5.35 GHz 5.47 - 5.725 GHz 5.725 - 5.825 GHz 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11b 2.4 - 2.4835 GHz 1, 2, 5.5, 11 Mbps
- 802.11g 2.4 - 2.4835 GHz 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11n\* 2.4 & 5 GHz 21.7, 43.3, 65, 72.2 Mbps 2.4GHz and 5GHz dynamic band roaming supported\*Single-stream, 20MHz channel with SGI

### Bluetooth Headset Support

- Version 2.1, HSP Version 1.2
- Class 1 support with range of ~10 meters

### CALL HANDLING FEATURES\*

- Up to six (6) telephone line appearances
- Call Hold/Resume function
- Last Call Return
- Music on Hold
- Consultation Hold
- Call Transfer (Attended, Unattended)
- Overlap dialing
- Bridged Line Appearance (BLA)
- Three-Way Conferencing (local)
- Find-Me call forking
- Call Screening (Incoming, Outgoing)
- Automatic Answer
- Call Park & Retrieve
- Group Call Pickup
- Call Waiting
- Multiple Calls per Line

## Spectralink 8452 EU Black Handset Lync & SIP

- Do Not Disturb
- Calling party ID (Name and Number)
- Called party ID (Name and Number)
- Connected party ID (Name and Number)
- Call Forward (Busy, No Answer, Unconditional)
- Call Reject\*Summary only – actual feature support will vary among call platforms

### CODECS

- G.711 (a-law, u-law), G.729, G.722, G.722.1

### PUSH-TO-TALK (PTT)/PAGING

- On-board native ‘walkie-talkie’ capability
- One-to-one, one-to-many broadcast communication
- 24 configurable channels
- Priority, default channel

### ADDITIONAL TELEPHONY FEATURES

- RTCP (RFC 3550, RFC 1889)
- Call server redundancy
- Predictive dialing from contacts list
- Recent call lists

### USER PROFILES

- Downloadable to any handset with ID and Login

### PERSONAL SAFETY

- Duress/Panic button
- No motion, running, tilt detection
- Alarm notifications

### ADDITIONAL

- Intuitive Graphical User Interface
- Selectable wallpaper/background
- Adjustable display brightness
- Backlit keypad with adjustable timeout period
- Ten (10) selectable ring tones
- Ten (10) selectable alert tones
- Multiple vibrate cadence options
- Vibrate-to-ring options
- Audible and vibrate notification options
- Speed dial menu list
- Contacts directory with support for 1000 local entries
- Call logs - Minimum of 20 logged entries for each call type (Incoming, dialed, and missed)
- Emergency system-wide speed dial
- Auto-answer & any key answer capability
- Selectable ring tones
- Unicode UTF-8 Multilingual User Interface

### PROVISIONING

## Spectralink 8452 EU Black Handset Lync & SIP

- Server based central provisioning via FTP, FTPS, TFTP, HTTP or HTTPS
- Centralized user administration
- Provisioning and call server redundancy
- Initial configuration via USB
- Unicode UTF-8 Multilingual User Interface

### PERFORMANCE AND FAULT MANAGEMENT

- On-board site survey and diagnostics tools
- Enhanced syslog reporting
- Roaming and handoff reporting
- Event logging
- Hardware diagnostics
- Status and status reporting
- PING support (initiate and response)
- Traceroute

### CONFIGURATION MANAGEMENT

- User and administrator login and privileges
- PC-connected (USB) and remote over-the-air configuration management

### XML APPLICATIONS PROGRAM INTERFACE

- Standards-based XHTML API
- On-board WebKit-based browser (JavaScript, CSS, DOM) for rich applications integration
- Corporate directory access LDAP

### SPECTRALINK OPEN APPLICATION INTERFACE (OAI)

- Backward compatibility with Spectralink OAI applications

### INSTANT MESSAGING

- Handset-to-handset, PC client-to-handset IM support via Microsoft® OCS and/or Microsoft Lync

### REAL TIME LOCATION SERVICES (RTLS)

- Embedded RTLS beacon (Ekahau) for location tracking
- AeroScout

### CALENDAR - EXCHANGE SERVER INTEGRATION

- Day and month view
- Meeting reminders

### AUDIO QUALITY

- TIA 810B, TIA 920 audio quality standards
- Full-duplex audio (compliant with IEEE 1329 full duplex standards)
- Voice activity detection (VAD)
- Comfort noise fill
- Adaptive jitter buffer & packet loss concealment

## Spectralink 8452 EU Black Handset Lync & SIP

• Acoustic echo cancellation & background noise suppression

### QUALITY OF SERVICE (QOS)

• Wi-Fi Multimedia (WMM)  
 • WMM-Power Save  
 • WMM-Admission Control (draft)  
 • IEEE 802.1p/Q tagging (VLAN)/DSCP tagging

### SECURITY

• WEP, WPA-Personal, WPA2-Personal, WPA2-Enterprise with 802.1X (EAP-FAST, PEAP-MSCHAPv2) with Opportunistic Key Caching (OKC) and Cisco Client Key Management (CCKM)  
 • Media encryption via Secure Real-Time Protocol (SRTP)  
 • SIP signaling encryption via Transport Layer Security (TLS)  
 • Server-based configuration file encryption (AES 128 bit)  
 • HTTPS secure provisioning  
 • Support for signed software executables

Strong support for networking standards

• Address assignment via Manual or Dynamic host configuration protocol (DHCP)  
 • Domain name resolution via Domain Name Service (DNS)  
 • Time and date synchronization using Simple Network Time Protocol (SNTP)  
 • Lightweight Directory Access Protocol (LDAP) for directory lookup and download  
 • IEEE 802.1p/Q tagging (VLAN)/DSCP tagging

### High-performance scanning

• Type 1D/2D Area Imagers  
 • Light Source 617 nm Highly Visible LED (5)  
 • Scan Angle 38.9°; Horiz., 25.4°; Vert.  
 • Label print contrast Down to 25%  
 • Resolution Optical Resolution 752 x 480 pixels  
 • Reading distance Up to 34 in. (864 mm)

### BARCODE SYMBOLOGIES

• 1D: RSS, Stacked RSS, RSS-14, GS1-DataBar, Code 39, Code 93, Code 128, UPC (E&A)  
 • 2D: Aztec, Codabar, Code 11, Code 39, Code 93/93I, Code 128, GS1-128, ISBT8, Databar (RSS), Datamatrix, EAN13, EAN8, Interleaved 2 of 5, Micro PDF 417, MSI, PDF 417, Plessey, QC code, Telepen, UPCA, UPCE, UPC/EAN

## Please Enquire

Options available for Spectralink 8452 EU Black Handset Lync & SIP :

### Spectralink 8400 Series Standard Battery

Required (+£55.70),

## Spectralink 8452 EU Black Handset Lync & SIP

[Not Required.](#)

### **Spectralink 8400 Series Dual Charger and PSU**

[Not Required,](#) [Required \(+£81.40\).](#)