Spectralink 8452 EU Blue Handset Lync & SIP

Product Name: Spectralink 8452 EU Blue Handset Lync & SIP
Manufacturer: -
Model Number: 2200-37198-101

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

Spectralink 8452 EU Blue Handset Lync & SIP
The Spectralink 8452 EU Blue 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 Blue Features

ï¿½ Four (4) context-sensitive softkey buttons
ï¿½ Push-to-Talk
ï¿½ Five-way navigation and select control
ï¿½ Home & Back navigation keys
ï¿½ Up/Down volume control
ï¿½ Barcode reader (8452/8453 handsets)
ï¿½ Start and End Keys
ï¿½ 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 Blue - Technical Specifications
DISPLAY

ï¿½ 2.2 in. (55.9 mm)
ï¿½ 240 x 320 resolution
ï¿½ 65,000 color palette

STATUS LED

ï¿½ Message (voicemail) waiting
ï¿½ Out of coverage
ï¿½ Phone ringing

PERIPHERAL INTERFACES

ï¿½ Micro USB interface for wall charging and configuration
ï¿½ 2.5mm connector for wired headset
ï¿½ Bluetooth

BATTERIES

Spectralink 8452 EU Blue Handset Lync & SIP

ï¿½ Two easy-access cosmetic battery capacity options
ï¿½ Standard – Up to 8 hrs talk time, 80hrs standby time
ï¿½ Enhanced – Up to 12 hrs talk time, 120hrs standby time May vary based on scanner, applications usage, screen brightness settings, etc.

DURABILITY

ï¿½ Drop/shock: MIL STD 810F, method 516.5 procedure IV
ï¿½ Ingress protection standard: IP 64 per IEC 60529
ï¿½ Rubberized molding
ï¿½ Magnesium LCD mounting

ENVIRONMENTAL

ï¿½ Operational temperature: 32 - 104° F (0 - 40° C)
ï¿½ Storage temperature: -22 -140° F (-30 - 60° C)

DIMENSIONS

ï¿½ 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

ï¿½ BAND FREQUENCY DATA RATES
ï¿½ 802.11a5.15 - 5.25 GHz5.25 - 5.35 GHz5.47 - 5.725 GHz5.725 - 5.825 GHz6, 9, 12, 18, 24, 36,48, 54 Mbps
ï¿½ 802.11b 2.4 - 2.4835 GHz 1, 2, 5.5, 11 Mbps
ï¿½ 802.11g 2.4 - 2.4835 GHz6, 9, 12, 18, 24, 36, 48, 54 Mbps
ï¿½ 802.11n* 2.4 & 5 GHz21.7, 43.3, 65, 72.2 Mbps2.4GHz and 5GHz dynamic band roaming supported*Single-stream, 20MHz channel with SGI

Bluetooth Headset Support

ï¿½ Version 2.1, HSP Version 1.2
ï¿½ Class 1 support with range of ~10 meters

CALL HANDLING FEATURES*

ï¿½ Up to six (6) telephone line appearances
ï¿½ Call Hold/Resume function
ï¿½ Last Call Return
ï¿½ Music on Hold
ï¿½ Consultation Hold
ï¿½ Call Transfer (Attended, Unattended)
ï¿½ Overlap dialing
ï¿½ Bridged Line Appearance (BLA)
ï¿½ Three-Way Conferencing (local)
ï¿½ Find-Me call forking
ï¿½ Call Screening (Incoming, Outgoing)
ï¿½ Automatic Answer
ï¿½ Call Park & Retrieve
ï¿½ Group Call Pickup
ï¿½ Call Waiting
ï¿½ Multiple Calls per Line

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ï¿½ Do Not Disturb
ï¿½ Calling party ID (Name and Number)
ï¿½ Called party ID (Name and Number)
ï¿½ Connected party ID (Name and Number)
ï¿½ Call Forward (Busy, No Answer, Unconditional)
ï¿½ Call Reject*Summary only – actual feature support will vary among call platforms

CODECS

ï¿½ G.711 (a-law, u-law), G.729, G.722, G.722.1

PUSH-TO-TALK (PTT)/PAGING

ï¿½ On-board native ‘walkie-talkie’ capability
ï¿½ One-to-one, one-to-many broadcast communication
ï¿½ 24 configurable channels
ï¿½ Priority, default channel

ADDITIONAL TELEPHONY FEATURES

ï¿½ RTCP (RFC 3550, RFC 1889)
ï¿½ Call server redundancy
ï¿½ Predictive dialing from contacts list
ï¿½ Recent call lists

USER PROFILES

ï¿½ Downloadable to any handset with ID and Login

PERSONAL SAFETY

ï¿½ Duress/Panic button
ï¿½ No motion, running, tilt detection
ï¿½ Alarm notifications

ADDITIONAL

ï¿½ Intuitive Graphical User Interface
ï¿½ Selectable wallpaper/background
ï¿½ Adjustable display brightness
ï¿½ Backlit keypad with adjustable timeout period
ï¿½ Ten (10) selectable ring tones
ï¿½ Ten (10) selectable alert tones
ï¿½ Multiple vibrate cadence options
ï¿½ Vibrate-to-ring options
ï¿½ Audible and vibrate notification options
ï¿½ Speed dial menu list
ï¿½ Contacts directory with support for 1000 local entries
ï¿½ Call logs - Minimum of 20 logged entries for each call type (Incoming, dialed, and missed)
ï¿½ Emergency system-wide speed dial
ï¿½ Auto-answer & any key answer capability
ï¿½ Selectable ring tones
ï¿½ Unicode UTF-8 Multilingual User Interface

PROVISIONING

Spectralink 8452 EU Blue Handset Lync & SIP

ï¿½ Server based central provisioning via FTP, FTPS, TFTP, HTTP or HTTPS
ï¿½ Centralized user administration
ï¿½ Provisioning and call server redundancy
ï¿½ Initial configuration via USB
ï¿½ Unicode UTF-8 Multilingual User Interface

PERFORMANCE AND FAULT MANAGEMENT

ï¿½ On-board site survey and diagnostics tools
ï¿½ Enhanced syslog reporting
ï¿½ Roaming and handoff reporting
ï¿½ Event logging
ï¿½ Hardware diagnostics
ï¿½ Status and status reporting
ï¿½ PING support (initiate and response)
ï¿½ Traceroute

CONFIGURATION MANAGEMENT

ï¿½ User and administrator login and privileges
ï¿½ PC-connected (USB) and remote over-the-air configuration management

XML APPLICATIONS PROGRAM INTERFACE

ï¿½ Standards-based XHTML API
ï¿½ On-board WebKit-based browser (JavaScript, CSS, DOM) for rich applications integration
ï¿½ Corporate directory access LDAP

SPECTRALINK OPEN APPLICATION INTERFACE (OAI)

ï¿½ Backward compatibility with Spectralink OAI applications

INSTANT MESSAGING

ï¿½ Handset-to-handset, PC client-to-handset IM support via Microsoft® OCS and/or Microsoft Lync

REAL TIME LOCATION SERVICES (RTLS)

ï¿½ Embedded RTLS beacon (Ekahau) for location tracking
ï¿½ AeroScout

CALENDAR - EXCHANGE SERVER INTEGRATION

ï¿½ Day and month view
ï¿½ Meeting reminders

AUDIO QUALITY

ï¿½ TIA 810B, TIA 920 audio quality standards
ï¿½ Full-duplex audio (compliant with IEEE 1329 full duplex standards)
ï¿½ Voice activity detection (VAD)
ï¿½ Comfort noise fill
ï¿½ Adaptive jitter buffer & packet loss concealment

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ï¿½ Acoustic echo cancellation & background noise suppression

QUALITY OF SERVICE (QOS)

ï¿½ Wi-Fi Multimedia (WMM)
ï¿½ WMM-Power Save
ï¿½ WMM-Admission Control (draft)
ï¿½ IEEE 802.1p/Q tagging (VLAN)/DSCP tagging

SECURITY

ï¿½ 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)
ï¿½ Media encryption via Secure Real-Time Protocol (SRTP)
ï¿½ SIP signaling encryption via Transport Layer Security (TLS)
ï¿½ Server-based configuration file encryption (AES 128 bit)
ï¿½ HTTPS secure provisioning
ï¿½ Support for signed software executables

Strong support for networking standards

ï¿½ Address assignment via Manual or Dynamic host configuration protocol (DHCP)
ï¿½ Domain name resolution via Domain Name Service (DNS)
ï¿½ Time and date synchronization using Simple Network Time Protocol (SNTP)
ï¿½ Lightweight Directory Access Protocol (LDAP) for directory lookup and download
ï¿½ IEEE 802.1p/Q tagging (VLAN)/DSCP tagging

High-performance scanning

ï¿½ Type 1D/2D Area Imagers
ï¿½ Light Source 617 nm Highly Visible LED (5)
ï¿½ Scan Angle 38.9° Horiz., 25.4° Vert.
ï¿½ Label print contrast Down to 25%
ï¿½ Resolution Optical Resolution 752 x 480 pixels
ï¿½ Reading distance Up to 34 in. (864 mm)

BARCODE SYMBOLOGIES

ï¿½ 1D: RSS, Stacked RSS, RSS-14, GS1-DataBar, Code 39, Code 93, Code 128, UPC (E&A)
ï¿½ 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 Blue Handset Lync & SIP :

Spectralink 8400 Series Standard Battery
Not Required,

Spectralink 8452 EU Blue Handset Lync & SIP

Required (+£55.70).

Spectralink 8400 Series Dual Charger and PSU
Required (+£81.40),   Not Required.