Spectralink 8452 EU Black Handset SIP only



Product Name: Spectralink 8452 EU Black Handset SIP only
Manufacturer: -
Model Number: 2200-37160-101

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

Spectralink 8452 EU Black Handset SIP only
The Spectralink 8452 EU Black Handset SIP Only 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

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 Black - 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 Black Handset SIP only

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

Spectralink 8452 EU Black Handset SIP only

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 Black Handset SIP only

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

Spectralink 8452 EU Black Handset SIP only

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 Black Handset SIP only :

Spectralink 8400 Series Standard Battery

Required (+£55.70),

Spectralink 8452 EU Black Handset SIP only

Not Required.

Spectralink 8400 Series Dual Charger and PSU

Not Required, Required (+£81.40).