Aastra 340w and 342w
Voice over Wireless LAN communication for the workplace

The Aastra 340w and Aastra 342w handsets deliver 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 Aastra 340w and Aastra 342w handsets offer a reliable user experience and predictable return on investment.

Designed with the requirements of on-site workers in the healthcare, retail, and manufacturing industries in mind – the Aastra WLAN handsets unite the most critical elements of workplace communications within a single mobile device that is highly reliable, extra durable, and easy to use.

Aastra WLAN handsets enhance the customer value proposition through an optional integrated bar code scanner (Aastra 342w) and an enhanced standards-based applications interface.

In partnership with the Aastra applications development ecosystem, A^2P^2, the Aastra 340w and Aastra 342w products enable new opportunities for end-user productivity solutions.

Highlights of the Aastra 340w and 342w

✶ Leverage existing wireless LAN infrastructure for voice an data applications

✶ SIP standard based VoIP protocol support

✶ HD voice and integrated full duplex speakerphone

✶ Color LCD display

✶ Industrial-grade durability, resistant to dust, shock and liquid damage

✶ LED and icon based status indicators

✶ Push-to-talk (PTT) / paging mode

✶ Integrated bar code scanner on Aastra 342w

✶ Integrated personal safety with Duress/Panic button, no motion, running, tilt detection and alarm notifications

✶ XML-based Application Programming Interface (API) and software developer kit

✶ Standard and extended-life battery option

✶ Handsfree operation

✶ 2,5mm connector for wired headset

✶ Micro-USB PC interface

✶ 802.11a, 802.11b, 802.11g, 802.11n support

✶ Bluetooth wireless technology

Physical characteristics

+ LCD-display (2", 240 x 320 pixels, 65.000 color palette)
+ Buttons: Four (4) context-sensitive softkey buttons, Push-to-Talk, Five-way navigation and select control, Home & Back navigation keys, Start and End Keys, Panic/Duress

Peripheral interfaces

+ Micro USB interface for wall charging and configuration
+ 2.5mm connector for wired headset
+ Bluetooth

Batteries

+ Standard – Up to 8 hrs talk time, 80hrs standby time
+ Enhanced – Up to 12 hrs talk time, 120hrs standby time

Durability

+ Drop/shock: MIL STD 810F, method 516.5 procedure VI
+ Ingress protection: IP 64
+ Rubberized molding, Magnesium LCD mounting

Radio Frequencies and transmit rates

+ 2.4 - 2.4835 GHz (802.11b, 802.11g)
+ 5.15 - 5.825 GHz (802.11a varies by country)
+ 2.4 and 5 GHz (802.11n)
+ Up to 11 Mbps (802.11b), up to 54 Mbps (802.11a/g)
+ Up to 72.2 Mbps (802.11n)

Call handling features[1]

+ Up to six (6) telephone line appearances
+ Call Hold/Resume function
+ Last Call Return
+ Music on Hold, Consultation
+ Call Waiting
+ Forward
+ Transfer
+ Overlap dialing
+ 3-Way Conference
+ Find-Me call forking
+ Automatic Answer
+ Group Call Pickup
+ Multiple Calls per Line
+ Do Not Disturb
+ Caller and Calling line information
+ Call Reject

Push-to-talk (ptt)/paging

+ On-board native 'walkie-talkie' capability
+ One-to-one, one-to-many broadcast communication

Codecs

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

Management

+ FTP, FTPS, TFTP, HTTP or HTTPS
+ Centralized user administration
+ Provisioning and call server redundancy
+ USB and over-the-air configuration

Security

+ WEP, WPA-Personal, WPA2-Personal, WPA2-Enterprise with 802.1X (EAP-FAST, PEAP-MSCHAPv2) with OKC CCKM
+ Media and SIP signaling encryption (SRTP&TLS)
+ Server-based configuration file encryption (AES 128 bit)

QoS

+ Wi-Fi standard QoS; including WMM, WMM Power Save, and WMM Admission Control
+ IEEE 802.1p/Q & DSCP tagging

Dimensions & Weight

+ Aastra 340w: 147mm H x53mm W x25mm D (5.8"H x 2.1"W x1.0"D), 144.6g (5.1oz)
+ Aastra 342w: 147mm H x53mm W x34mm D (5.8"H x 2.1"W x1.3"D), 161.6g (5.7oz)

Environmental

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

Programming interfaces

+ XHTML
+ WebKit-based browser (JavaScript, CSS, DOM)
+ LDAP
+ OAI

Bar code reader (Aastra 342w)

+ High-performance scanning
+ Type 1D/2D Area Imagers
+ Optical Resolution 752 x 480 pixels

Aastra 340w   Aastra 342w

Part numbers

Telephones	
Aastra 340w with USB charger	80F00001AAA-A
Aastra 342w with USB charger	80F00004AAA-A
Accessories	
Speakerphone Dock for Aastra 340w/342w without power supply	87-00038AAA-A
Standard Battery	87-00039AAA-A
Extended Battery	87-00040AAA-A
Silicone Case with Belt Clip for Aastra 340w	87-00041AAA-A
Silicone Case with Belt Clip for Aastra 342w	87-00042AAA-A
Dual Charger for Aastra 34xw w/o pwr supply	80-00045AAA-A
Quad Charger for Aastra 34xw w/o pwr supply	87-00046AAA-A
Universal pwr supply for Dual Chargers	87-00047AAA-A
Univ. pwr supply Quad Charger&Speaker dock	87-00048AAA-A

[1] Summary only – actual feature support will vary among call platforms

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