# Aastra 312w

Wireless Solutions

## Aastra delivers a highly scalable WLAN mobility solution with the Aastra 312w

Aastra expands it's wireless mobility solutions portfolio with the introduction of the Aastra 312w. Designed to work with existing Wi-Fi networks, the Aastra 312w offers a powerful, flexible, feature rich SIP handset that is supported on a wide variety of Access Points and Call Control platforms. Suitable for small, medium and large enterprise environments, the Aastra 312w increases business productivity by providing secure and seamless voice services for mobile workforces.

With handset features such as high resolution large color display, handsfree operation, headset jack, vibrating alert and removable memory card, the Aastra 312w offers a very affordable and scalable mobility solution for any business requirement.

## Key Features and Benefits:

» **Feature Rich Handset**
The Aastra 312w offers a large, backlit color display, backlit keypad, speakerphone for handsfree operation, 30 ring tones, vibrating alert, alarm/wake up function and a variety of alerter tones for low battery, out of range and more. It also employs a removable memory card that contains all user information, including user profile and password information to facilitate easy transfer from one handset to another. With a 100 name/number directory, callers list and redial list, the 312w offers all the features of your desk phone in the palm of your hand.

» **Scalability**
Operating on your existing wireless data network, with no license fees involved, the Aastra 312w delivers a cost effective, simple, scalable solution that allows additional handsets to be added at any time to provide office, retail and warehouse workers with mobile access.

» **Flexible Deployment**
The Aastra 312w is easily deployed and has been successfully tested with a wide variety of Call Control platforms and AP's. As part of Aastra's SIP based phone portfolio, it is compatible with most open-standard IP environments. In addition, the Aastra 312w provides 5 selectable profiles, allowing the same handset to operate in multiple environments.

» **Security and Ease of Management**
Offering state of the art security, the Aastra 312w is equipped with the tools to provide superior network support. From site survey mode to network tools such as ping and trace route, the handset helps to resolve any network related issues. In addition, the handset supports Fast Roaming, is DHCP configurable and supports firmware updates over the air.

## Feature Highlights

- Large, backlit color display
- Adjustable display contrast
- Backlit keypad
- Handsfree operation
- Headset jack
- Vibrating alert
- 30 ring tones
- Memory card
- Do not Disturb
- Call Transfer
- Call Forward
- Message Waiting Indication (MWI)
- Call logs – dialed/missed
- Personal Directory
- Key Lock
- Caller ID with Name

# Aastra 312w Technical Specifications

Wireless Solutions

## Highlights

- Large colour display (1.8“, 128 x 160 dots, 65,536 colours)
- Memory Card: Handset card stores the user’s Directory (up to 100 entries) and all details about the user’s profile (WLAN/SIP profile with encryption key, username, password, SIP registration and IP configuration). To use a new handset, simply transfer the card to the new handset.
- Hands free operation (key with red LED)
- Headset connection (2,5 mm jack)
- Vibrating alert

## Local Features

- Back-lit keypad (colour: amber)
- Info key with red LED (caller list)
- Ring tone off (star key)
- Key lock (hash key)
- Choice of 30 ring tones
- Adjustable ring tone volume
- Small and large font for display
- Choice of background image
- Signal tones for key click, confirmation, low battery, out of range
- Handset name can be edited
- Adjustable display contrast
- Illumination-time for display and keypad can be adjusted separately (separate values while in/out of charger)
- Alarm settings
- Automatic key lock
- Automatic answer when taken off the charger
- Silent charging

## Supported SIP Features

- Basic call
- Call transfer (attended, unattended)
- Call forward (busy, no answer, unconditional)
- Broker call
- Hold
- CLID / CNID
- Do not disturb
- DTMF

## Set Up Features

- Display languages: Danish, Dutch, English, Finnish French, German, Italian, Norwegian, Polish, Spanish, Swedish.
- Country specific dial and busy tones
- Regulatory Domain: EMEA/ETSI
- Time and Date by NTP server
- 5 WLAN Profiles (network information, SSID, Authentication method, key)
- IP configuration: - DHCP - manually (IP address, mask, gateway, DNS server; NTP server, DSCP flag for DiffServ configuration)
- SIP configuration
- Survey mode: MAC address, IP configuration, SSID, RSSI, channel, encryption mode
- Codecs: G.711, G.729
- WLAN voice power save mode adjustable (Auto, U-APSD, Async. Poll, 802.11 Poll, None)

## Administration Features

- Manually firmware update via TFTP, FTP, HTTP
- Password for Administration
- Diagnostic functions and tools
- Ping
- Trace Route
- RSSI plot
- Display of IP-configuration
- List of all access points in range
- System Log

## Technical Data

- Standards: 802.11b, 802.11g
- Security: WEP, WPA1-PSK, WPA2-PSK
- Quality of Service: WME/802.11e priorization
- Stand-by-time/Talk time up to 50 h*/up to 6 h*
- Battery: Lithium-Polymer battery pack, 1000 mAh, battery compartment locked
- Dimensions: length / width / depth 146 x 50 x 28 mm
- Weight: 144g incl. batteries

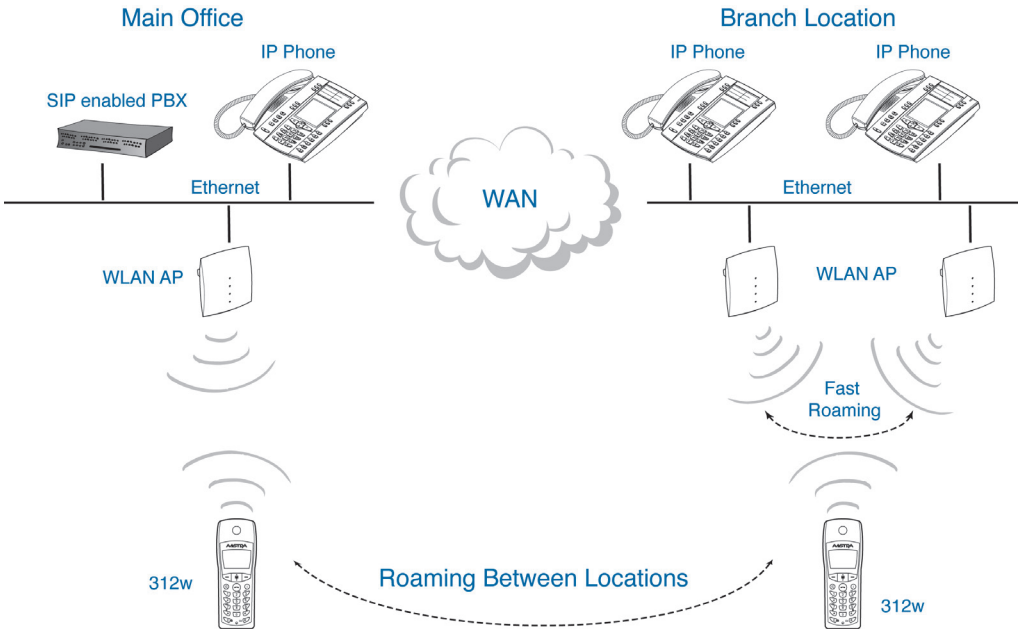
## Delivery Unit

- Aastra 312w Set Order No.: A0000-6877-8018
- The delivery unit of the set consists of: WLAN Handset, MEM-Card, Belt Clip, Charger, Power supply

## Accessories

- Desktop Charger - A0000-6877-90-16
- Swivel Belt Clip2 (pack of 20) - D0068-8530-19-00

* Depends on expansion stage and the user profile

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