

# ***Melody WAP Mail 1.03***

## ***Administrator's Manual***

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If you have comments and suggestions about this manual, you are encouraged to send an e-mail to [docs@melody.se](mailto:docs@melody.se). Please mention the manual's whole identifier, which can be found in the left-page footer.

Melody Interactive Solutions

Visiting address: Bredgränd 4, Gamla Stan

Postal address: Box 2163, SE-103 14 Stockholm, Sweden

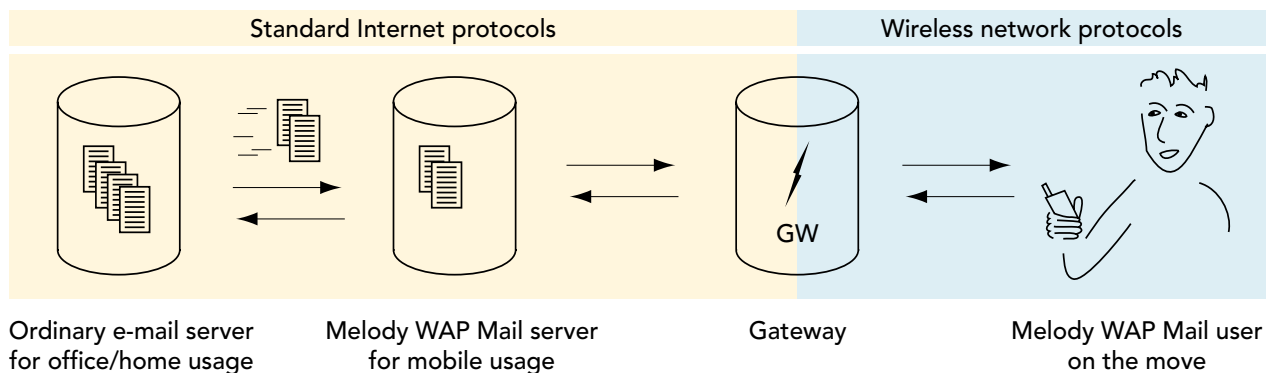
Please visit [www.melody.se](http://www.melody.se) and [wap.melody.se](http://wap.melody.se) for more information.

# **Melody WAP Mail 1.03 Administrator's Manual**

Melody Interactive Solutions

# 1. Introduction

Melody WAP Mail is a server-based e-mail client that works together with a POP capable e-mail server. An intuitive WAP interface allows its users to retrieve and send e-mail using a WAP enabled device (such as a phone or PDA). See figure 1 for an overview.



This manual is intended for the administrator of Melody WAP Mail. If you are an end-user of the system, you should read the Melody WAP Mail User's Manual instead.

Sometimes, the word "softkey" appears in the text. A softkey is a key on your phone (or a button on your WAP browser) that changes its meaning depending on the circumstances.

**Figure 1**  
Melody WAP Mail retrieves email directly from your ordinary email server. The messages can be viewed in a WAP phone or PDA.

## 2. System requirements

1) The Melody WAP Mail is a webserver based mail product. To install Melody WAP Mail you need root/administrator access to your webserver.

2) The Melody WAP Mail product requires a CGI (Common Gateway Interface) compatible webserver to run. On Microsoft Windows NT/2000 platforms the product has successfully been tested with the Microsoft Internet Information Server (IIS) version 4 and the Xtami webserver. However any webserver with basic CGI support will be sufficient.

On UNIX/LINUX systems the free Apache webserver works well. The Apache webserver can be downloaded from [www.apache.org](http://www.apache.org).

3) For large MWM installations (>500 users) consider the following:

- With several concurrent users the webserver executing MWM should have enough memory, ≈128Mb.

- The back end mailserver will most likely be a bottleneck if not optimised properly.
- The WAP gateway/proxy should be fast. Existing WAP gateways have very varying performance characteristics. Gateways with slow WML / WML-script compilers can slow down your system significantly. The Melody WAP Mail solution works well with Melody WAP Gateway (see information at [www.melody.se](http://www.melody.se)).

4) The Melody WAP Mail requires a POP capable mail server.

### 3. Before installing the product

The Melody WAP Mail product requires a valid serial number to run. A serial number is retrieved from [www.melody.se](http://www.melody.se) when registering your copy of the product. If you download it directly from the Melody website a serial number will be sent to you by e-mail during download.

### 4. Installing

#### Windows NT/2000 installation

In Windows NT/2000 system the Melody WAP Mail is distributed as a self unpacking installation file. To install do the following: NOTE, you must do the installation locally on your webserver.

- 1) Copy setup.exe or setupdemo.exe demo version from your distribution media to your local harddisk, e.g c:\
- 2) Run C:\<path-to-setup-file>\setup.exe and follow the instructions. Remember to have your serial number available.

The installation program will also require you to specify where your cgi-directory is located and where to install the PDF documentation.

For a standard Microsoft IIS4 installation the CGI directory is C:\internetpub\wwwroot\cgi-bin. NOTE, on Microsoft IIS4 the CGI support is an optional component that you install from the Windows NT option pack CD.

- 3) After the CGI-scripts have been installed you should test your Melody WAP Mail installation as described in section 4. – **The first run.**

If you have questions or problems [support@melody.se](mailto:support@melody.se) is open to registered users.

### UNIX installation

Read the README.txt that accompanies the Melody WAP Mail for information on how to install on UNIX/LINUX systems.

## 5. The first run

As soon as your e-mail server is up and running together with Melody WAP Mail, you may start configuring the software. Launch a Web browser, and type in the Web URL that points to the location where the Melody WAP Mail configuration program has been installed.

### Windows NT/2000

On Windows NT/2000 systems the Melody WAP Mail configuration is started like: *http://<your-webserver/cgi-bin/admin.exe* e.g. *http://wapdemo.melody.se/cgi-bin/admin.exe*

### UNIX/LINUX

On UNIX/LINUX systems the Melody WAP Mail configuration is started as: *http://<your-webserver/cgi-bin/admin*

If you would like to play around with the settings, please keep in mind that in order to make it work, you need to enter valid e-mail servers in the POP3 and SMTP host fields and end all paths with a slash (/).

After entering the above values, you may start using your new Melody WAP Mail system. Just type in the correct WAP URL in your wap phone or PDA. Please refer to the WAP device manual for information about how your WAP browser works. Explanations of all functions in Melody WAP Mail can be found in the Reference part of the User's Manual.

A typical Melody WAP Mail URL is: *http://<your-server/cgi-bin/mwm.exe* on Windows NT/2000 or *http://<your-server/cgi-bin/mwm* UNIX/LINUX.

If you want to preset your login and/or your POP password you can use the URL: *http://<your-server/cgi-bin/mwm.exe?u=<user>&p=<password>* where <user> is your username and <password> your POP password.

## 6. Global configuration

On the Global Web configuration page, the following settings can be entered/changed:

1. Administrator password

On the first log-in to the global configuration pages, any word can be used as a password. This will then be used in further log-ins. However, the password may be changed in the "Admin Password" field.

#### 2. POP3 server to use with Melody WAP Mail

This is the server that the users will be able to read mail from. Only persons with access to an account on the specified e-mail server will be able to use your Melody WAP Mail installation.

#### 3. SMTP server to use with Melody WAP Mail

will log on to this server to send messages composed by the users.

4. The key encryption password is used to encrypt the url-encoded user password after the user has logged in.

5. The user configuration option allows users to run the Melody WAP Mail with or without a personal configuration file.

6. The WML content type option enables administrators to change what content-type the CGI-script will return to the WAP/WML browser. Some WAP gateways require a particular content-type char-set parameter in order to work properly.

7. File path/URL to image and HTML files used in the HTML configuration pages. Normally, you do not need to alter these settings.

## 7. User configuration

The limited version of Melody WAP Mail requires a personal setting file for every user.

To create or edit a configuration file using the Web interface, the user needs a user name and a password for a valid account on the e-mail server to be used with Melody WAP Mail. The user can choose to edit the configuration file and/or the Address Book built into Melody WAP Mail.

The following settings can be altered:

1. Real name
2. E-mail address (Reply-to address)
3. Option of showing e-mail Subject
4. Option of showing e-mail Sender
5. Option to enter the mailbox at first/last page
6. Maximum numbers of mails on each mailbox page
7. Capacity to receive binary data in the used wap device

The following Address Book alternatives exist:

1. Remove a contact

## 2. Add a contact, including alias

More information about the user configuration options can be found in the Melody WAP Mail User's Manual.

## 8. Find out more about WAP and WML

This section is not necessary to read in order to use the Melody WAP Mail software; it has been written with those in mind who wish a brief explanation of WAP and WML.

From a technical standpoint, WAP (Wireless Application Protocol) is a set of protocols that allow Web-like browsing of WML pages on small WAP enabled handsets.

One of the elements of the WAP standard is WML (Wireless Markup Language). The easiest way to describe WML is to compare it to some sort of imaginary "HTML light", but with specially designed features for small devices with non-QWERTY keyboards and limited display areas. However, WML also introduces some very important new concepts, e.g. cards and decks. With WML, the user may receive multiple pages (cards) in a single file (deck). This reduces the number of network connections, and makes browsing faster.

Another WAP standard is WMLScript, which enables developers of WAP sites to add interactive functions where all calculations are done on the client (phone) side much like JavaScript works in a Web browser.

WAP also provides means for publishing content in an easy way. Basically, it is sufficient to put the WML files on an ordinary Web server, and add a MIME type to it. All WAP devices will be able to access the files through a WAP gateway, which translates the WAP requests to standard HTTP requests. The gateway also contains compression and decompression modules that reduce the size of the data sent to and from the handsets.

You will not be able to use Melody WAP Mail without access to a WAP gateway. Typically, a mobile operator or an Internet service provider manages the WAP gateway.

More information and the most recent standard specifications and white papers can be found at WAP Forum's web site at the Web address [www.wapforum.org](http://www.wapforum.org).

A presentation of Melody's whole WAP product range can be found at the Web address [www.melody.se](http://www.melody.se).





Melody Interactive Solutions • Visiting address: Bredgränd 4, Gamla Stan  
Postal address: Box 2163, SE-103 14 Stockholm, Sweden  
E-mail: [info@melody.se](mailto:info@melody.se) • Web: [www.melody.se](http://www.melody.se) • WAP: [wap.melody.se](http://wap.melody.se)

