

# Sony Ericsson T630

## User Guide

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This document is intended to serve as a user guide to help users in the setting up of internal features of the Sony Ericsson T630 mobile phone. Furthermore, it also contains modem drivers and/or direction for finding them on the Internet.

*As a valued customer we provide you with this User Guide as a reference when setting up your phone and other related equipment. You acknowledge that the information contained in this User Guide is provided by Sony Ericsson or other suppliers. Call Australia nor any of its representatives has made nor makes any representation or warranty, express or implied, as to the accuracy or completeness of the information in this User Guide and Call Australia may but is under no obligation to notify you if it becomes aware of any inaccuracy, incompleteness or change in the information contained in this User Guide. For accurate and up-to-date information we recommend you visit the Sony Ericsson website links referred to in this document.*

### Quick Application & Connectivity Guide

Feature	Supported (Yes/No)
<b>Application related</b>	
GPRS Multislot Class (Specify)	4+1
Internal (Wireless Application Protocol) WAP Browser/Version	1.2.1
Over The Air Configuration (OTAC) of WAP settings	Yes
Accepting calls while in WAP GPRS session	
Indication is available when SMS is received while in WAP session	Yes
Reading SMS while in WAP GPRS session	Yes
Making Calls while in WAP GPRS session	Yes
Sending SMS while in WAP GPRS session	Yes
WAP inactivity linger timer set in GPRS	Yes
Internal Email Client	Yes
SMS over GPRS	Supported but Off
Multimedia Messaging Service (MMS)	Yes
<b>Connectivity related</b>	
RS232 Cable Interface	Yes
USB cable	Yes
Infrared	Yes
Bluetooth	Yes
<b>PPP Authentication</b>	
PAP	Yes
CHAP	Yes
MS-CHAP	Yes
<b>Operating Systems supported</b>	
Windows 98 / 98 SE / ME / NT	Yes, not tested
Windows 2000 / XP	Yes
Apple MAC	Yes, not tested

## Display Icons & Indicators

Display Icon / Indicator	Notes
GPRS Attach Indication	Top Right hand corner has the signal strength bars with a turquoise triangle above it. When the triangle becomes darker (it starts out faint), the GPRS attach is complete.
Launching the WAP Browser	Move the joystick right to enter main menu. Press 2 or Scroll up until <b>Internet services</b> is displayed (menu 2). Press Select. During browsing the browser menu can be accessed by pressing the key below the YES key. The top right hand side button will also launch the browser
Indication when a Packet Session (PDP) is launched for WAP or PPP	The messages <b>Loading</b> and then <b>Connecting</b> are seen on the screen. In the idle screen (which is not visible during an active WAP session, so the WAP session needs to be suspended) a little world icon is displayed to indicate that a PDP context has been launched
Indications when retrieving a WAP Link	An hourglass symbol will appear in the top right hand corner of the browser while the page is being downloaded.
Exiting WAP Browser	Press the <b>More</b> button (above the C button) and select <b>Exit WAP</b> .

## WAP Configuration

### General information about WAP configuration.

The Sony Ericsson configuration splits the bearer data from the WAP settings. Bearer data is set by selecting Connectivity → Data Comm → Data accounts from the main menu and WAP Browser and Proxy settings are in Connectivity → WAP options.

### General Parameters for WAP configuration.

As the T630 (and T610) support WAP 1.2.1 the following general parameters apply:

Handsets Using WAP 1.2.1	
Bearer Type and Access Point name	Bearer: GPRS APN: telstra.wap.mnc001.mcc505.gprs
Proxy/Gateway Information	Use/Enable Proxy: Yes Proxy Type: WAP Proxy Address: 10.1.1.150 Port: 9203
Default Browser Homepage	http://wap.mdata.net.au/home

### STEP A: The bearer settings - Telstra.gprs data account configuration.

1. From the idle screen move the joystick right to enter main menu.
  - a. Press \* key or select the **Connectivity** icon from the main menu (bottom left).
  - b. Press **7** or select **Data comm.** from the list.
  - c. Press **1** or select **Data accounts** from the list.

2. Here, the user needs to create two separate accounts, a GPRS account and a GSM account.
  - a. To create a GPRS account called Telstra.gprs:
    - i. Select **New account** and press **Add** key if necessary.
    - ii. In the **Account type** menu, **GPRS data**.
    - iii. In the **New account** window, enter account name: Telstra.gprs.
    - iv. Under **New GPRS data** enter the following:
      1. APN: telstra.wap.mnc001.mcc505.gprs, press OK button.
      2. User ID: (leave blank).
      3. Password: (leave blank).
      4. Press Save button.

#### **STEP B: The Browser & Proxy settings.**

1. From the idle screen (to get back to the idle screen, keep pressing the back button) move the joystick right to enter main menu.
  - a. Press \* key or select **Connectivity** icon from the main menu (bottom left).
  - b. Press **4** or select **WAP options** from the list.
  - c. Press **1** or select **WAP profiles** from the list.
2. Select **New profile** and press **Add key** if necessary.
  - a. Under **New profile** enter the following:
    - i. Name: (any name) press OK button.
    - ii. Select **Connect using** and select **Telstra.gprs**.
    - iii. Select **IP address** and enter **10.1.1.150** and press **OK**.
    - iv. Press **Save** button, the phone will display **a new profile was created** and return to the WAP profiles menu.
  - b. Select the profile created above eg: (any name)
    - i. Press the **Edit** button.
    - ii. Press **4** or select **Advanced**.
    - iii. Press **1** or select **Change homepage**.
      1. Under **Change homepage** enter Name: **DEFAULT\_HOMEPAGE**, press **OK**.
      2. Enter address: eg. **http://wap.mdata.net.au/home**, press **OK**.
        - i. Press back button to return to **Telstra** WAP profile.
3. The following settings were previously set or are left on default (you may skip this):
  - a. IP Address: 10.1.1.150.
  - b. Security: On or off; on will enable security (recommended).
  - c. Advanced.
    - i. <User ID> (blank).
    - ii. <Password> (blank).

**STEP C: Selecting the Default WAP Profile AnyName.**

1. From the idle screen move the joystick right to enter main menu.
  - a. Press \* key or select <Connectivity> icon from the main menu (bottom left).
  - b. Press 4 or select <WAP options> from the list.
2. Select WAP Profiles.
3. Select **AnyName**.
4. A long press of the **NO** key will get you back to idle screen.

**STEP D: WAP connection using AnyName WAP Profile.**

1. From the idle screen move the joystick right to enter main menu.
2. Press the 2 key or select the **Connectivity** icon from the main menu (top middle).
  - a. The phone will launch its WAP browser (you will see a loading message).
3. Press the **More** button.
4. Select **AnyName**.

**MMS configuration**

**General information about MMS configuration for Sony Ericsson**

The Sony Ericsson configuration for the MMSC address to use and all user options are under the Messages menu. However, to specify the bearer and the proxy to use a profile like the one defined in the WAP settings, which is also required for MMS, are options under the connectivity menu.

**General parameters for MMS configuration.**

As the T630 (and T610) support WAP 1.2.1 the following general parameters apply:

Handsets Using WAP 1.2.1	
Bearer Type and Access Point name	Bearer: GPRS APN: telstra.mms.mnc001.mcc505.gprs
Proxy/Gateway Information	Use/Enable Proxy: Yes Proxy Type: WAP Proxy Address: 10.1.1.155 Port: 9201
MMSC Address/Homepage	http://mmsc.telstra.com:8002

**Creating a data account for MMS.**

1. From the idle screen, move the joystick right to enter the main menu.
  - a. Press \* key or select the **Connectivity** icon from the main menu (bottom left).
  - b. Press 7 or select **Data comm.** from the list.
  - c. Press 1 or select **Data accounts** from the list.

2. To create a GPRS account called **Telstra.mms**.
  - a. Select **New account** and press the **Add** key if necessary.
  - b. In the **Account type** menu, select **GPRS data**.
  - c. In the **New account** window, enter account name: **Telstra.mms**.
  - d. Under **New GSM data** enter the following:
    - i. APN: (telstra.mms.mnc001.mcc505.gprs).
    - ii. User ID: (leave blank).
    - iii. Password: (leave blank).
    - iv. Press Save button.

#### **Creating a Telstra.MMS Profile Setup.**

1. From the idle screen move the joystick right to enter main menu.
  - a. Press \* key or select the **Connectivity** icon from the main menu (bottom left).
  - b. Press **4** or select **WAP Options** from the list.
  - c. Select **New Profile**.
2. In **New profile** enter the (suggested) name **Telstra.MMS** and press **OK**.
  - a. Select **Connect using** and highlight **Telstra.mms** and press **Select**.
  - b. In **IP address** enter **10.1.1.155**.
  - c. Select **Save?** and press **YES**, the phone will then display that a new profile was created and return to the WAP profiles menu.
3. Now, highlight the profile created above eg. **Telstra.MMS** and press **Edit**.
4. Press **Edit**.
5. Select **4 Advanced**.
6. **<1 Cng homepage>**.
  - a. Chg homepage - It is better to call the homepage title the same as the profile as this is what is shown when the profile is selected, so enter **Telstra**.
7. Enter address: eg. <http://wap.telstra.com/mms>
  - a. **<3 User ID>** (leave blank).
  - b. **<4 Password>** (leave blank).
  - c. **<5 Security>**.
  - d. **<4 Password>** (leave blank).
  - e. **<5 Security>** This setting depends on whether access via a secure port or non-secure port is required. The default for **Telstra.MMS** profile is Off.
  - f. **<6 Show pictures>** Select **On**.

### Setting up MMS on the T610/T630

1. Enter the main menu list by moving the joystick right.
  - a. Select **<5 Messages>** menu.
  - b. Select **<2 Picture>**.
  - c. Select **<6 Options>**.
    - i. Select **<1 Validity period>** and select **Maximum**.
    - ii. Select **<2 Read report>** and check that **Off** is selected.
    - iii. Select **<3 Delivery report>** and check that **Off** is selected.
    - iv. Select **<6 Message Server>** and enter the **MMSC IP** address as proposed <http://mmsc.telstra.com:8002>
    - v. Select **<7 WAP profile>**.
    - vi. Select **<1 Select>**.
    - vii. Select **Telstra.mms**.

### Email configuration

#### General information about email configuration.

Email is often treated as a messages application and most phones will have it under the Messages menu.

Email setup is generally network independent except for specifying the GPRS bearer (or APN) to use. Generally speaking it is recommended to use the same bearer specified for the WAP browser, in this case [telstra.wap.mnc001.mcc505.gprs](http://telstra.wap.mnc001.mcc505.gprs), but the APN [mdata.net.au](http://mdata.net.au) will also work as it provides the necessary bearer and ISP access to connect to the users email server.

#### Sony Ericsson website based email configuration.

You can also set up an email account on the T610/T630 from the Sony Ericsson website (<http://www.sonyericsson.com/>). To set up an email account, click on the **Global Product Support** link off the main site and follow the instructions to the **Email configurator**. Alternatively, you may enter the details manually. Call Australia use Telstra for carriage, so for the bearer, Telstra's operator settings are to be selected.

#### Email Manual Setup configuration.

1. Enter the main menu list by moving the joystick right.
  - i. Select **<5 Messaging>** menu.
  - ii. Select **<4 Email>**.
  - iii. Select **<7 Options>**.
2. Select **Edit account** - Here, the user can enter the details of email accounts.
3. Select **New account** and press **Add**.



4. Enter the **email account name** eg. Yahoo.
  - i. In **<1 Connect using>**, select the data account to use eg: **Telstra.gprs** for GPRS bearer.
  - ii. In **<2 Protocol>**, select **POP 3** and press **YES**.
  - iii. In **<3 Inc. server>**, enter the **POP3** server details of your account. Eg. pop.mail.yahoo.com for Yahoo or mail.bigpond.com for Telstra.
  - iv. In **<4 Incoming port>**, enter the **POP3 port details**. Eg. 110.
  - v. In **<5 Mailbox>**, enter the **mailbox name** of your email account.
  - vi. In **<6 Password>**, enter the **password** of your email account.
  - vii. In **<7 Outgoing server>**, enter the **SMTP server details** of your account, usually the same as the POP3 server.
  - viii. In **<8 Outgoing port>**, enter the **SMTP port details**. Eg. 25.
  - ix. In **<9 Email address>**, enter your **full email address**. Eg. test@yahoo.com.au
  - x. In **<0 Download>**, you can select either.
    1. Header+text (to receive the full email before reading).
    2. Header only (to receive the subject, and download the rest as needed).
  - xi. In **<From name:>**, enter the name you would like displayed in received email (optional). E.g. Your Name.
  - xii. In **<Signature>**, you can select one of the following:
    1. No signature.
    2. Use business card.
  - xiii. In **<Copy outgoing>**, you can select one of the following:
    1. On, you will prompted to enter the email address.
    2. Off, to turn it off (**default**).
      - a. In **<Check interval>**, you can select the an interval for automatic email checking from one of the following:
        - i. Off, 5 min, 30 min, 60 min, 2 hours, 3 hours, 4 hours, 12 hours.
5. Save your settings.

#### Checking for email.

1. Enter the main menu list by moving the joystick right.
  - a. Select **<5 Messaging>** menu.
  - b. Select **<4 E-mail>**.
  - c. Select **<1 Send & receive>** to check for new incoming email or send outgoing email.
  - d. Select **<Inbox>** to check for received email. Note: nothing will be displayed if there is no email in the users email inbox.

### **Modem Drivers & Internet Links**

To use the T610 or T630 as a modem via Infrared, Bluetooth or Cable, it is best to download the latest drivers or Synchronisation Software from the Sony Ericsson website. There is product support software for every model.

The website address is <http://www.sonyericsson.com>. Specifically, the T630 drivers can be downloaded from [http://www.sonyericsson.com/spg.jsp?cc=au&lc=en&ver=4000&template=ps1\\_1\\_3\\_2&zone=ps&lm=ps1\\_1&pid=10055](http://www.sonyericsson.com/spg.jsp?cc=au&lc=en&ver=4000&template=ps1_1_3_2&zone=ps&lm=ps1_1&pid=10055)

### **Setting up Internet data accounts for use in Microsoft Dial-up Networking.**

GPRS handsets that support PC connectivity will often be supplied with CD Wizard software to assist you with setting up their GPRS Internet connections. The Main parameter that will be required during that setup is the GPRS APN for Internet access. This is `mdata.net.au`. Where CD Wizard is not available, it is preferable to download the latest software for a GPRS product from the vendors website or refer to the user manual for setup. To be able to provide general support for Internet setup, the concept of APN and context ID (the numbers actually dialled in a Dial-up Networking session) are explained below. Specific AT commands for checking the defined context IDs recognised by a GPRS terminal are also provided although it is NOT expected that the end user will need this information.

### **What is an APN?**

An APN (Application Point Name) is a GPRS specific parameter that points to an application you want to use. The APN entered by you has to match what you have subscribed to in the network. For wireless Internet access you will be provisioned in the network with the `mdata.net.au` APN. This APN effectively provides ISP access over GPRS. If you are also provisioned for WAP, then you will also be provisioned with the `telstra.wap.mnc001.mcc505.gprs`. APN that also provides ISP access, but is mainly used for proxying through the WAP gateways. So given that `mdata.net.au` provides ISP access over GPRS, if you require access to the Internet using your laptops or PDAs, you can configure your Dial-up Networking to use that APN. This is done via the Context ID.

To make sure tools such as Dial-up Network are effectively dialling the correct APN, a local phone context is configured and given a context identity (CID). This CID refers to an APN that is sent to the network. The CID is only a local identification number for an APN at the mobile terminal. Each CID can be configured via recognised "at" commands or via the menu of some handsets. The following Section explains the `*99#` dial up or `*99**CID#` dial up sequence and how to set it up via AT commands if the CD wizard is not available.

### **APN to CID mapping for manual setup of Dial-up Networking.**

The APN to CID mapping is defined via a special GPRS command called "cgdcont". In Microsoft's operating systems, that definition can be carried out as an extra dial string in setting up Dial-up Networking. This can also be done directly via AT commands from a terminal emulator. Follow the below instructions:

Define the context and the APN it refers to, header and data compression settings are off  
at+cgdcont=3,"IP","mdata.net.au"."0.0.0.0",0.0.

In this case, the CID we allocated is 3. This means the number that must be called in Dial-up Networking must be \*99\*\*3#, which will use the mdata.net.au APN.

Check the new CID using the PreCheck commands:

Under Menu <8 Connect> \ Yes

<5 Data comm..> Yes

<1 Data accounts> Yes

Scroll till you see the new data account and press Yes the "GPRS CID" is then displayed

Choose Option <2 Rename> and call the account "mdata.net.au"