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TWIG Discovery
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YZ3020



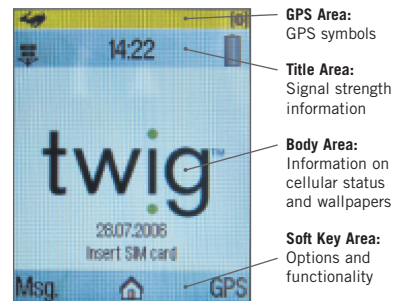
- Menu key. Press to access the main menu where all the applications are located. You can also press and hold the menu key to swap between open applications.
- Power on/off. Press to turn the phone on/off.
- Volume up. Press to increase the volume.
- Volume down. Press to decrease the volume.
- Emergency key. Rescue button, located on the top of the phone. Press to make an alert call to pre-defined numbers, or launch telematics application.
- Hook-up key. Press to make a call/answer an incoming call.
- Hook-down key. Press to end the call.
- Arrow keys. Press to scroll lists and views and select options. Moving up/down/right/left depends on the edge pressed.
- Middle key. Press to execute commands/ go forward/access options.
- Left function key. Quick action key for most common operations, such as opening or saving applications or items.
- Right function key. Press to clear/quit/cancel/go backwards.
- Alphanumeric keys (0 - 9). Press to key in phone numbers/input text.
- TWIG Key. Press and hold to start the TWIG Navigation application. The navigation key works when the phone is in stand-by mode. A short press on this key in TWIG Navigation application, allows quick access to TWIG Navigation base menu.
- Hash key. Press to access special functions.
- Star key. Press to access special functions.
- Display LED. Shows blinking when the display light is off. The LED indicates the status of the phone:
 - RED LED:** Blinks once every 2 seconds when the battery is low. If there are missed events, and the battery is low it blinks once a second.
 - GREEN LED:** Blinks once every 2 seconds when power is on and the phone is in stand-by mode. If there are missed events, it will blink once a second.
- Battery. Power source of the phone.
- Bottom connector. Socket for connecting the phone to a charger/computer.

Guide to screen icons

Screen Navigation

Note that the display symbols may vary depending on, for example, the colour theme in use.

Guide to Display Icons



- GPS indicator. As satellite signal strength increases, smaller circles are shown.
- In the left corner of GPS area you can see an icon indicating your currently selected GPS profile. You can change the icon for each profile in GPS profiles.
- GPS connection is off.
- GPS connection is on but the device is not currently trying to calculate position or update data.
- GPS uses other than user defined parameter in calculating a position.
- GPS has encountered an error.

Title area

- GSM network indicator. Located on the left corner of the title area. The more bars, the better the signal.
- GPRS indicator. If SIM card and network support GPRS, the indicator is shown instead of the GSM indicator.
- GPRS connection is attached and data transfer is in process. Shows blinking with GPRS indicator.
- GPRS is temporarily suspended. Shows blinking with GPRS indicator.
- Battery indicator. The level of charge in the battery is indicated by the degree of dark shading on the battery indicator. Located in the right corner of the title area.
- Arrows left/right indicate that scrolling in horizontal direction is possible. You can, for example, select pictures one after another in normal screen.

Body area

- Main menu symbol. Press to enter the main menu.
- Incoming call.
- A call is in progress.
- There is a call on hold.
- A data call is in progress.

A TWIG Alert call is in progress.

- All voice calls (both lines if ALS, i.e. Alternate Line Service, is in use) are diverted to voice mailbox or some other phone number. The type of service depends on your network operator.
- All voice calls of line1 are diverted to voice mailbox or some other phone number. This symbol is used only if the SIM card has ALS.
- All voice calls on line2 are diverted to voice mailbox or some other phone number. This symbol is used only if the SIM card has ALS.
- Roaming. The phone is using a different network operator.
- Normally most networks cipher calls. However, some networks may not support ciphering. If the network connection becomes unciphered during the call, this symbol will be shown.
- Home zone. Note that the home zone feature is only available for supported network operators and it also requires a suitable SIM card.
- Active line1. Shown when the SIM card has ALS and the line1 is active.
- Active line2. Shown when the SIM card has ALS and the line2 is active. Note that only one line can be active at the time.

- Bluetooth connection is switched on.
- Bluetooth is active. Note: If no Bluetooth symbol is shown, Bluetooth is switched off.
- Carkit. Carkit is connected to the phone.
- Headset. Headset is connected to the phone.
- You have received a new message or messages. The messages are waiting in the Inbox. Also shown if ALS (Alternate Line Service) is in use and you have unread messages from both lines. Flashing envelope indicates that there is no space for receiving new messages, until some stored ones have been deleted. Messages may be waiting at the SMS centre.
- Alarm clock is activated.
- Keypad is locked. When phone lock is on, a large version of the icon is displayed.

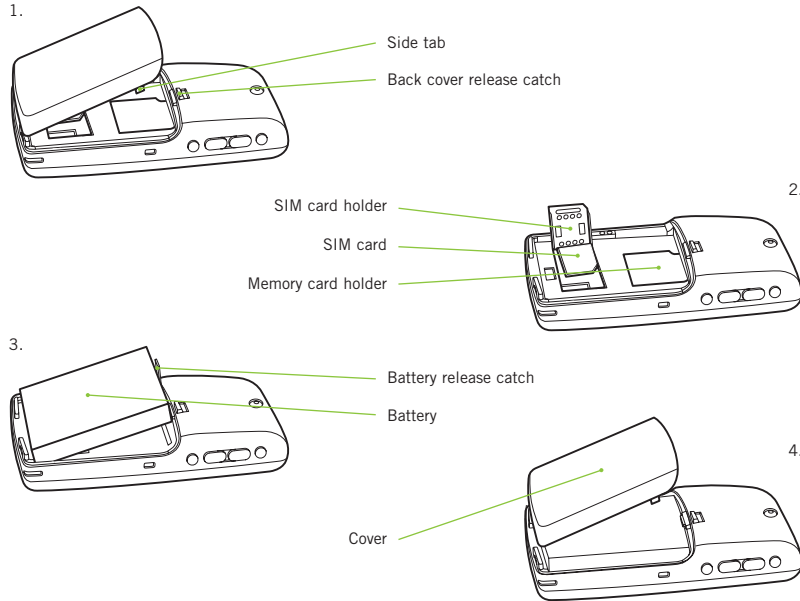
Soft key area

- Select. You can select or activate an option by pressing .
- Options. A list of options is available and accessible by pressing .

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Getting started



Set Up

Inserting cards and battery

1. Remove cover from the back of the phone.
2. Slide in Memory Card. Place SIM card in slot. Slide holder to the right.
3. Insert battery.
4. Click cover back into place.
5. Charge the battery. Plug charger cable into the round connector hole on bottom right of the phone.

Note: The battery icon will appear to indicate charging has begun. It takes 2.5 hours to fully charge the battery.

Getting started

Memory Card

Navigation maps are pre-programmed onto the SD card. You can also use your memory card as an external storage for e.g. maps, pictures and sounds.

Turning on the TWIG Discovery

Press and hold down the **Ⓜ** upper button on the left hand side for a few seconds. To turn off, repeat. If the phone asks for a code, key in the code and then press the left function key to confirm. Use the right function key **↩** to correct any mistakes. The phone will now enter standby mode.

Main Menu

To access the main menu press the centre **Ⓜ** button of the 4-way key **Ⓜ** when the phone is idle.

You can also access the main menu when in GPS mode by pressing the Application Switch button **Ⓜ**.

Setting time and date

The time and date will be updated automatically when the TWIG gets its first GPS position. To enter the time/date menu access the **Main menu** **Ⓜ** and select **Tools>Settings>Phone** and then scroll down to **Date and Time** and select using Press **Ⓜ** left/right to select your option.

Setting the time manually

When **User Defined** is showing on the display press **Ⓜ** and then key in the correct time. Press Enter **Ⓜ** to save your settings.

Setting the time using GPS



When **GPS Defined** is showing on display press **Ⓜ** and then enter your time zone. Default is +00:00 (GMT).

Setting the date

When **User Defined** is showing on the display press Enter **Ⓜ** and then key in the correct date. Press Enter **Ⓜ** to save your settings.

Getting started


Copying SIM records to phone memory

Enter the **Main** menu  and select **Contacts**. At the top of the screen, next to the heading **Contacts** you will notice a **green function arrow**, press the right arrow key and select **SIM Phonebook**. The SIM card may take a few moments to be read, depending on its size. All SIM contacts will be displayed. Scroll down to any contact, and press Enter .

Enter  scroll down to **Copy to contacts**, press  select **All** and press .

You can copy one, several or all contacts from the SIM card to phone memory.

Entering a new contact

Press left arrow key .

Alternatively use the **Main** menu  and select **Contacts>New Contact** and press Enter.

Add your new contact information, press  **Save** and confirm.

Copy contact entry to SIM

Enter the **Main** menu and select **Contacts**. Highlight the contact to copy, press


Enter  and select **Copy To SIM**. **Copied to SIM** will then be displayed.

Partnership/Synchronisation


You can use the PC Tools provided to make backups and manage your phonebook, pictures etc. Your TWIG can also synch with Outlook/Lotus Notes and other programmes on your PC via the enclosed PC/TWIG connection USB lead.

Install the TWIG CD-ROM first.

Volume control

You can adjust the speaker volume during a call or in Navigation mode by using the volume buttons located on the left hand side of the phone. Alternatively in either 2D or 3D map display press the  to access **TWIG Navigation** and scroll down to **Settings>Voice Guidance**. Here you can select voice volume.

Sound Profiles

To set call alert volume and type press the  button up or down to access the Quick menu. Select **Sound Profile** and choose from the list presented.

Navigation

GPS Navigation


Switching on TWIG navigation

Enter the **Main** menu and select **Navigation** *or*

Hold down the **TWIG/Numeral 8** key  for one second and the welcome screen will start.

Settings

Display


The map can be displayed as a 2D or 3D display. To change display simply use the left and right arrows . Once you have selected a route there is a third screen which shows next navigation instruction.

Setting screen backlight


Enter the **Main** menu and select **Tools>Settings>Phone> Display>Lights>Backlight**

When using TWIG in the car powered by the adaptor we recommend **Always On** is selected.



Calculation Display

TWIG can calculate ETA/Distance/Time etc. Enter the Navigation menu by pressing . Select **Settings>Calculation display** and select/deselect **ETA, Distance, Time** or **Speed**.

Voice guidance



You can be advised of your route by voice. When in either 2D or 3D map display press  to access **TWIG Navigation** and scroll down to **Settings>Voice Guidance**. Here you can select voice volume and type.

GPS settings

GPS is automatically switched on when navigation is activated, and off when navigation is deactivated. Press the up arrow  to access the Quick menu and scroll to Set GPS Profile. Press  to set the required profile. Full power is only required when in the car. Economy power will conserve battery power whilst walking or cycling.

Navigation


Entering a location


In either 2D or 3D map display press  and select **Route to** to access the TWIG Routing menu. Hi-light **Address** and . Your country will already be set as default. Choose your location by either City, Road, House Number or Postcode.

When you enter a city, road name or postcode, TWIG will attempt to auto complete using its database. When you have set your location destination, select **Route**.

Tip: *When entering a postcode – a long hold of the number buttons will prevent you from having to scroll through the keys choices.*

Setting your home location

This will enable you to quickly navigate back to this destination by holding down the TWIG key  and selecting **route to home**. This works only when in the Map screen.

In either 2D or 3D map display press and hold  to access the **TWIG Navigation** menu and scroll down to **Settings>Home>Set Home** and press Enter your home location details and press **OK**.


We recommend that you set your home destination immediately.

Tip: *You can also use this function to set a place to return to, for example when parking your car in an unfamiliar town.*

TWIG Finder and Alert

With TWIG Finder you can find the current location of any other TWIG user in your contacts. TWIG can then display their position on the 2D map, from here you can route to their given location.

TWIG Finder

In either 2D or 3D map display press and hold the  to access the **TWIG Navigation** menu and scroll down to select **TWIG Finder**. Select **Find Contact** then press the left soft key and add the contact you wish to find (please note that they must be other TWIG owners).

Press the left soft key **Add** and scroll through your contacts.

Navigation

Select the contact you wish to find and press the main button to place a tick in the box. Then press left soft key **Save**. Then press the main key and select **Find** and press to request their position.

When they accept your request you will receive their position.

Press  **Yes** to go to the 2D map centered on the partner's position.

TWIG Alert


Your TWIG can be programmed to make emergency calls or texts to a pre-determined number. These calls will be made when you press and hold the **Alert Key** located on the top edge of the phone.


To set up the TWIG Alert number access the Phone menu and select **Tools>Settings>TWIG Alert**. Here you can enter the numbers you wish TWIG Alert to call or send text messages to. The text message will also contain information about your location.

The **Alert Key** can be disabled in the TWIG Alert menu.

This can also be accessed via the web interface via the Services section at www.benefon.com

Making a call whilst navigating

TWIG allows you to make a voice call while using the navigation system. Hold down the application menu key  for a few seconds (or press it once to access Main Menu and then select contacts or exit to IDLE and then dial).

Holding down the application menu key  will bring up the icons of current programs that are running (similar to Alt + Tab on a PC). Select **Home** then access contacts as previously mentioned. To return to navigation menu when you have finished your call repeat the initial process i.e. a long press of the application menu button and select **Navigation**.

Please Note: *That whilst making a telephone call you will not receive or be able to view navigation instructions.*

Navigation

Sending location to a non-TWIG phone

TWIG can use MMS or e-mail to send your location co-ordinates and/or a map picture of your location to a non-TWIG mobile phone.

In either 2D or 3D map display press the **☐** to access the TWIG Navigation menu and scroll down to **Send Map** and select using the **☐**. Choose either MMS or email and you will be prompted for the recipient's details. Either choose from your contacts using **Add** or enter a new recipient.

Establishing GPS position

Please note that GPS positioning cannot generally be established from inside a building.

When you activate TWIG Navigation it will take approximately 40 seconds for the system to see the satellites and get online. It may take longer on first activation depending on how visible the satellites are. The system requires at least four satellites to be visible to enable much greater precision.

To monitor progress you can view the GPS monitor.

Changing the scale

Whilst in map display press the up/down to zoom in and out of the map.

Please Note: *Zoom out functionality is limited in 3D mode.*

What TWIG displays

Although TWIG is an accurate navigational aid with roads, it does not show information such as small tracks, paths, woods, valleys, etc. TWIG is therefore not suitable for use as an orienteering tool for country walkers.

Saving Power

Backlight

To adjust display settings enter the **Main** menu and select **Settings>Display**.

In the **Display** menu scroll down to **Backlight** and press enter. Here you can choose whether the backlight is always on or automatically dimmed. By setting the backlight to a lower brightness power will also be saved.

Navigation

Always on is recommended when running navigation whilst using the car adaptor.

GPS Power

To adjust GPS power settings enter the **Main** menu and select **Tools>Settings>GPS Profiles** and press enter **☐**. You can choose from **Economy** or **Full** power.

Additional maps for going abroad

Your TWIG can be used abroad. Additional maps can be obtained by visiting the www.benefon.com e-shop.

Kilometers or Miles display

Enter the **Main** menu and select **Tools>Settings>Phone** and scroll down to **Units** and press enter Here you can select kilometers or miles as your preferred measurement.

Favourites v History

To make it even easier to use the navigation system, TWIG lets you choose two shortcuts to finding routes.

Favourites

Here you can store frequent destinations. In either 2D or 3D map display press the **☐** to access the TWIG Navigation menu and scroll down to **Favourites** and press enter. Here you can add a new Favourite destination.

If you already have a Favourite stored, then in either 2D or 3D map display select **Route To** and then **Favourites**. You can then select the stored favourite route you require.

History

TWIG remembers your most recent destinations. To find a previous route from either the 2D or 3D map, display select **Route To** and then **History**. You can then select the past route you require.

General

Setting Hot/Quick keys

Hot/Quick keys are a way of accessing TWIG features quickly and in the way you personally prefer. Please note that doing so may affect guidelines in this document.

There are two methods:

- a) **Main Menu>Tools>Settings>Phone>Shortcuts**. Select quick key actions for the left and right soft keys and the 4 way navigation key.
- b) Long hold the buttons 1 - 9 individually to assign quick dial numbers to each. However please note buttons 1 and 9 are already assigned to voice mail and TWIG Navigation. The 8 button is the TWIG key and cannot be reprogrammed.

Menu Manager

You can change the way the **Menu** icons are displayed in order to suit your preferences using **Menu Manager**. Enter the **Main** menu **[M]** and select **Tools>Settings>Phone** and scroll down to **Menu Manager** and press **[M]** enter.

Re-arranging icons

Choose **Move** to rearrange the icons on screen to your preference.

Moving icons to different folders

You can also choose to move icons to different folders, for example to bring a game up to the first menu screen so it takes less time to access.

You can also create your own folders. To access the customize menu options press enter **[M]** whilst in **Menu Manager**.

Scroll Keys

When in the SMS, MMS or email mode you can move the input cursor up, down and left and right using the [key]. When in Navigation, Apps Swapper and GPS screens scrolling sideways is possible, if you see two green arrows in title area.

Application Switch button

Hold down the application menu **[A]** for a few seconds. This will bring up the icons of current programs that are running (similar to Alt + Tab on a PC).

General

Battery Management

When using TWIG as either a GPS device or as a phone while in-car, TWIG should be placed on charge using the cigarette lighter socket charger provided.

When on foot or on bicycle **economy** mode should be selected.

To preserve the life of your battery do not use the phone in extremes of high or low temperature. High temperatures in particular will accelerate the battery discharging process. If you are not using the **Bluetooth** function turn it off, as this will consume excess power. Refer to **GPS Power** for further power saving advice.

Using your TWIG safely in car

You should not make or receive phone calls when driving unless the phone is using an approved hands-free adaptor, for example a Bluetooth headset. Do not use the phone at refueling points and other potentially explosive areas. When using the GPS in the car, place the TWIG in the provided car cradle ensuring the unit can be seen easily without requiring you to unduly take your attention off the road ahead. At the same time power the TWIG using the cigarette lighter socket charger provided.

Bluetooth set up

TWIG is equipped with Bluetooth technology to allow it to communicate with other Bluetooth devices within range. To use the Bluetooth setup menu press the **Main** menu **[M]** and select **Tools>Bluetooth** and press **[M]** enter to view the Bluetooth menu.

To link to another Bluetooth device first turn on **Bluetooth** in the **Settings** menu in Bluetooth menu and then go back and choose **Paired devices** from the settings menu. You will be prompted to begin a search for local devices, which must have Bluetooth, enabled and be set to 'visibility on' to be detected.

WAP set up

WAP browsing is available depending on your service provider and type of connection.

To set up WAP enter the **Main** menu **[M]** and select **WAP**. TWIG will display **No Connection** and then a blank screen. Press enter **[M]** to go to WAP Menu, scroll down and select **Settings**. Enter the Main menu **[M]** and select **Tools>Connection**.

Generally your phone will have been preprogrammed by your service provider. Your provider can also remotely send the required settings to the handset.

General




Messaging

Switching between small letters, capital letters and numbers




Pressing the **hash key #** allows you to switch input style.

Display	Selected	Display	Selected
ABC	Capital letters	abc	All small letters
Abc	Initial capital letters	123	Number mode


Predictive text



You can choose to have TWIG predict the words you intend writing from its own built in dictionary. To use predictive text you must first set it up. Enter the **Main** menu  and select **Tools>Settings>Phone>Language>Predictive input** and select **On** using the enter key . When in SMS mode you will notice a blue EN icon in the top right corner of the screen this signals that Predictive Text in English is activated. Holding down the hash key will display a list of other available languages. You can turn Predictive text off again by pressing  key while writing.

Accepting or changing the word predicted

If the word predicted is correct, press [0 key] or . If it is not correct press  **Word** to choose another. If you wish to add your own word to the dictionary, press **Teach**  after inputting your word using the standard entry method.

Special characters

To input common special characters such as ? ! -) etc, press  repeatedly until the desired character is displayed.

To display the entire range of special characters press and hold  then select the character required and press Enter .


Extras



TWIG can help you manage your life with built in clock, alarms, notepad, calculator and currency converter.

Enter the **Main** menu  and select **Extras**. By default Euro is the base currency.

General



Making a call

In standby mode simply key in the number required and press .

To enter a country code for **international** calling press  twice and then key in the country code i.e. +33 for France. Then enter the local number without the first number i.e. for 0545 xxx xxx you would remove the first zero. Then press .

Contacts list



Use left arrow short key *or*

To make a call from your contacts list enter the **Main** menu  and select **Contacts**. Scroll to the required contact to call and press .

Sending and receiving SMS and MMS messages

SMS messages are plain text, MMS messages contain images, sounds etc.

Sending a SMS message



In the main screen select **Msg>New Message>SMS**. Either input the number of the person you are sending to, or select from your contact list using **Add**. Use the down arrow to highlight the message area and create your text message. When ready press enter  and then select **Send** and press enter .

Receiving a text (SMS) message

In the main screen select **Msg>Inbox**. The last received message is always at the top of the list. Select **Open** to read.

Sending a MMS message

In the main screen select **Msg>New Message>MMS**. Either input the number of the person you are sending to, or select from your contact list using **Add**. Use the down arrow to select the message area and create your text message.

To add content, highlight the message field and press enter  and then select **Send** and press enter , select **Insert** and then choose your content from the menu options.