

IMPORTANT SAFETY INFORMATION ABOUT YOUR PHONE

IMPORTANT! This phone, like any wireless phone, operates using radio signals and the wireless network, as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely upon any wireless phone for essential communications (e.g. medical emergencies). Remember, to make or receive any calls, the phone must be switched on and in an area with adequate cellular signal strength.

Emergency calls may not be possible on all wireless phone networks or when certain network services or phone features are in use. Check with local cellular service providers. Emergency calls may be made even when a SIM card is not installed (subject to network availability) using the 112 dialling code.

Operating environment

Make sure that no special regulation is in force that imposes restrictions on the use of mobile phones. Restrictions to mobile phones would also apply to this telephone. Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your phone.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 20 cm (6 inches) be maintained between a handheld wireless phone and a pacemaker. The same restriction should apply to the external antenna of this phone. If you have any reason to suspect that interference is taking place, switch off the phone immediately.

Hearing aids

The phone's radio signals may interfere with some hearing aids. In such cases move the antenna as far away as practical or consult your hearing aid supplier.

Other medical devices

Operation of any radio transmitting equipment, including the phone, may interfere with the function of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Radio transmission equipment

While Burnside products are designed to conform to international standards regarding the acceptance of radio frequency interference, certain installation locations may interfere with their proper operation. We recommend that Burnside equipment is not installed in close proximity to any equipment that generates RF signals (for example, radio transmitters), and is located as far as possible away from it or in a separate room.

Potentially explosive atmospheres

Do not install the phone or site the antenna in any area with a potentially explosive atmosphere and obey all signs and instructions. Areas with a potentially explosive atmosphere are often but not always clearly marked. They include chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders.



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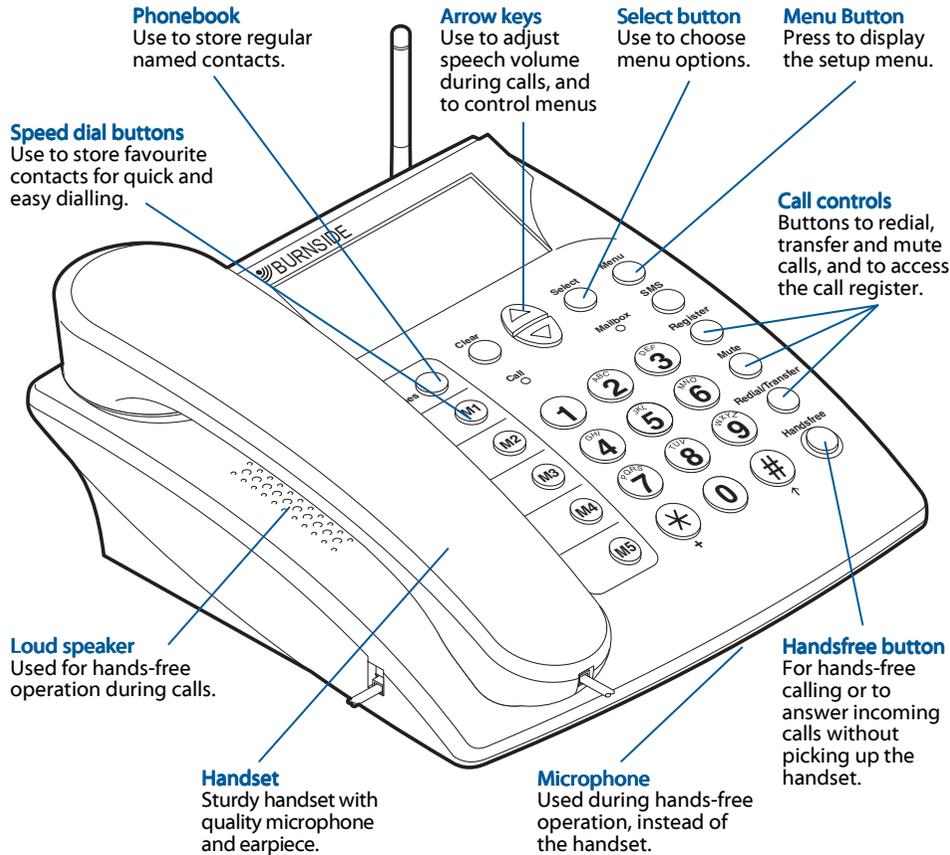
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Part number 362089/Rev 1.0

Burnside GSM Phone Model P355

Welcome!

Thank you for choosing this Burnside P355 GSM phone. This guide will help you set up and begin using your phone and its special features. Before you use your new phone, please review the important safety information provided at the back of this guide. Then take a short while to familiarise yourself with the buttons and features that your phone provides.

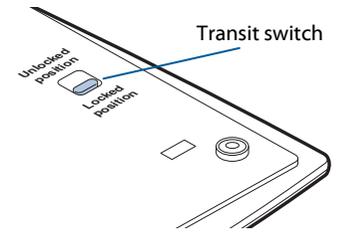


Preparing your phone for use

Before using your new phone, you need to follow several steps to prepare it for use, including inserting a SIM card. First, check the contents of the box against the packing list on the back cover of this guide, to ensure that everything is included. Then follow the simple procedures on the next pages.

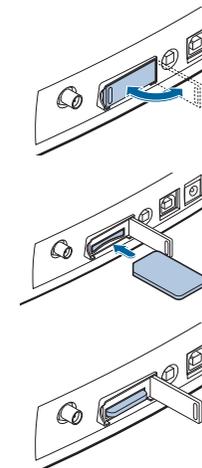
STEP 1 - Unlock the transit switch

When shipped, your phone is locked, to prevent it from powering on accidentally. You need to unlock the phone before it will operate. On the underside of the phone unit, locate the recessed switch near to where the handset cable attaches. Slide the switch towards the rear of the phone unit. (The phone will not switch on at this stage.)



STEP 2 - Insert your SIM card

Note: Ensure the phone is switched off when inserting or removing a SIM card. Your phone requires an active mobile 2G SIM card for normal use. It will not work with 3G networks. Without a SIM card installed, the phone will only be able to make emergency calls via the 112 code, depending on the availability of a mobile network signal.



On the rear panel of the phone unit, carefully swing open the SIM slot door.

Position your SIM card with its contacts facing downwards and the notched corner facing towards the slot.

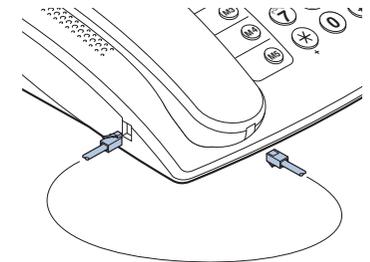
Push the SIM card into the slot until it clicks into place. Close the door.

Note: To remove the SIM card, press it inwards to release and partially eject it, then carefully pull it out of the slot.

STEP 3 - Connect the handset

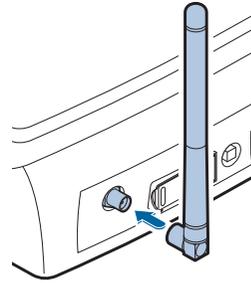
Your phone has been supplied with a handset and connecting cable. These need to be attached to the phone unit before use.

Connect one end of the cable to the socket at the base of the handset and the other end to the socket in the left side of the phone unit. Each connector will click into place once inserted correctly.



STEP 4 - Attach the antenna

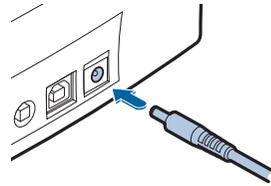
Align the supplied antenna with the circular connector on the far left of the rear panel. Attach the antenna by twisting the connector collar clockwise until it is finger-tight: take care not to overtighten it.



In use, the antenna should always be vertical. The supplied antenna has a hinge so that you can position it correctly.

STEP 5 - Connect the power adapter

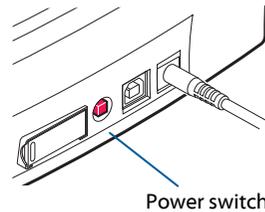
Connect the lead from the supplied power adapter to the socket on the far right of the rear panel. Plug the power adapter main body into a nearby mains outlet.



STEP 6 - Switch on the phone

On the rear panel, press and hold the red button until the display responds, then release it. To switch the phone off, press and hold the red button until the display goes blank.

Make sure the battery is fully charged before using the phone for any length of time without mains power. It takes about two hours for the battery to recharge fully.



In normal use, your phone should only be switched on and off using the red button. Only use the transit switch once the unit has been turned off. If the transit switch is inadvertently moved to the locked position, the phone will immediately shut off, or enter a charging state if the power adapter is connected.

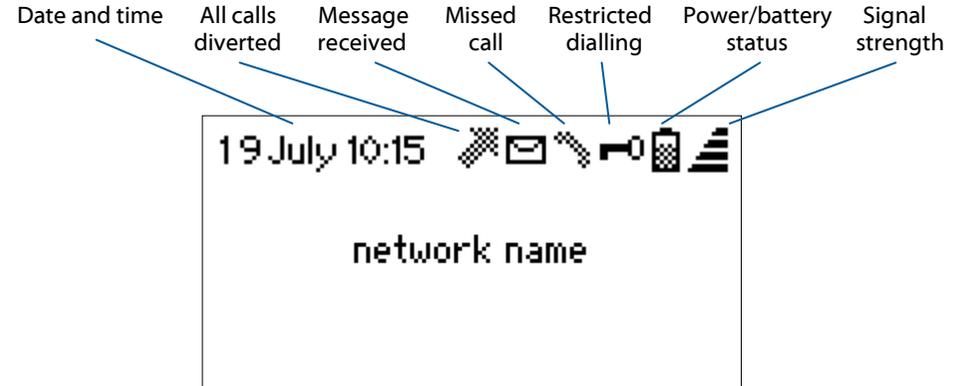
The standby screen

When the phone is idle, it will display a screen similar to one of those shown below. In addition to the time, date, signal strength and other status icons, you can choose to make it show the network name, a big clock or a banner. Use the **Settings** option in the menu to determine which standby screen is displayed.



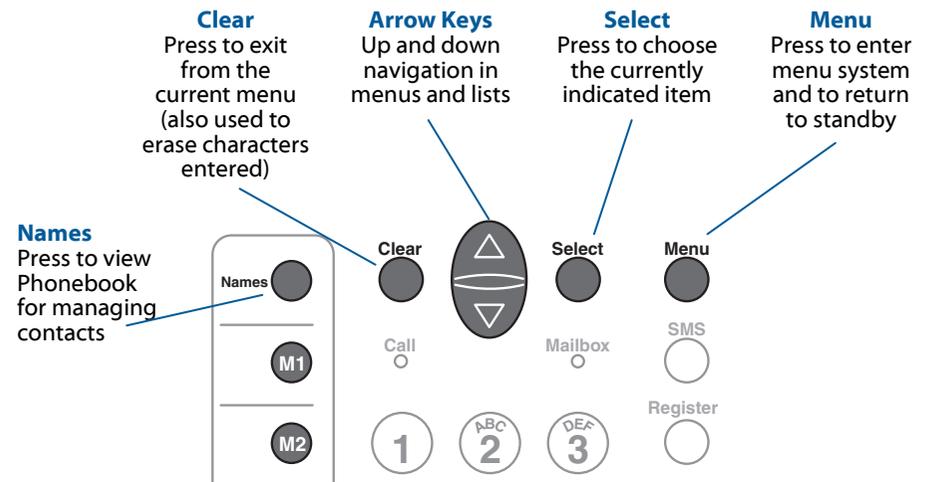
Screen status indicators

The basic standby screen provides indications of the signal strength, battery charge status and the time and date. Additional indicators are shown for events such as missed calls, as well as for certain programmed modes, such as restricted dialling and call diversion.



Using the menu controls

In order to program your phone and enable its special features, you need to become familiar with the basic menu controls. The menus work in much the same way as in a mobile phone, using the buttons illustrated below.



Making and receiving calls

Although your phone uses mobile communication technology, it has been designed to make standard functions work in the same way as a high quality landline phone, but with the added benefit of many mobile phone features.

Important: *If the status display shows **Searching...** you will not be able to successfully make or receive calls. If this problem persists, make sure the antenna is vertical, and try re-positioning the phone elsewhere. There are many factors that can affect network availability and for this reason, the phone should not be considered as a fail-safe resource for making emergency calls. Please refer to the **Troubleshooting** section on page 10.*

To make a call by dialling

Before making a call, ensure that the standby screen is displayed. Whether you are using the handset or the handsfree speaker, you can choose to either:

- dial first, then pick up the handset (or press the **Handsfree** button)
- OR
- pick up the handset (or press the **Handsfree** button) and then dial.

You will hear the called number ringing and when it is answered, you can talk normally. You can adjust the handset earpiece and handsfree speaker volume using the arrow keys. Press the **Mute** button if you wish to mute or un-mute the call at any time.

When dialling numbers...

- Remember that this is a mobile phone and you must enter the full phone number, including area code, even if the contact is in your area.
- To erase the last entered digit, press and release the **Clear** button.
- To erase all entered digits, press and hold the **Clear** button.
- To enter an international number, press the * button twice (a + symbol will be displayed to represent the international dialling code). Then enter the country code (one or more digits) and the remaining number (with the initial zero of the area code removed). For example:
 France (Paris) 01 9876 5432, enter **33198765432
- If you picked up the handset or pressed the **Handsfree** button before dialling, the phone will connect the call a short time after the last digit is pressed.

To end any call

Either replace the handset or, if you are using the handsfree speaker, press the **Handsfree** button.

To redial a previously called number

From the standby screen, press the **Redial** button to display a list of previously dialled numbers. Use the arrow keys to highlight the required number or name, then press the **Select** button. Either pick up the handset or press the **Handsfree** button to place the call.

To make a call using your phonebook

From the standby screen, press the **Names** button adjacent to the lower left corner of the screen. You can either press the **Select** button to view the first entry in the phonebook, or press the numeric button that contains the first character of your required contact (press it repeatedly until the appropriate letter is shown underlined on the screen) and press the **Select** button to display the entries that begin with the chosen character.

Use the arrow keys to move up or down the list until the required contact is highlighted, then press the **Select** button. Either pick up the handset or press the **Handsfree** button to place the call.

To make a call using the calls register

From the standby screen, press the **Register** button. Use the arrow keys to highlight the required option - **Missed calls**, **Received calls** or **Dialled numbers** - and press the **Select** button to display the chosen list.

Use the arrow keys to highlight the required number and press the **Select** button. Either pick up the handset or press the **Handsfree** button to place the call.

To receive incoming calls

When a call is received, your phone will emit the currently selected ringtone. If the caller's number has been declared by the network, it will be shown on the display. If the number is stored in your phonebook, the corresponding name of the contact will also be shown on the display. To answer the call, either pick up the handset or press the **Handsfree** button.

Missed calls and voicemail

You can return missed calls via the **Register** button, as described above. The Burnside P355 Desk Phone does not have a built-in voicemail feature. However, voicemail is provided as an option by most mobile network providers. Refer to your network provider for details of how to enable and use voicemail for the SIM card in your phone.

Tip: For easy access to your voicemail, you can program your network voicemail number into one of the speed dial memory buttons - see page 8.

Using the phonebook

The phonebook allows you to store and use regular contact numbers and their corresponding names. You can store your contacts in the built-in memory of the phone (up to a maximum of 250 contacts) or in the memory available on your SIM card (cards vary in capacity). The phonebook allows you to switch between the two storage areas and to copy contacts between them.

Managing your phonebook

To view the phonebook, from standby, press the **Menu** button. The Phonebook option is the first one displayed, so just press the **Select** button to access it. Use the arrow keys to move the highlight bar up or down the list of options, and then press the **Select** button when the required option is highlighted.

To add a contact

From standby, press the **Menu** button and then press the **Select** button. Use the arrow keys to highlight the **Add name** option and press **Select**. The display will first prompt you to enter a name for the new contact.

When the contact name is complete, press **Select**. The display will now ask you to enter a phone number for the new contact. Enter the phone number and press **Select**. If successful, the display will show **Saved** as the new contact is added to the Phonebook.

When entering contact names and numbers in the Phonebook...

- Use the main numeric keys to enter text. Press a key repeatedly to produce the appropriate character (characters appear in the order printed on the key, for example, to use the 'B' character, press the '2' key twice).
- When the required character has been entered, wait for one second before entering another character that is located on the same key. A new character on a different key can be entered immediately.
- To change between upper and lower case characters, press the **#** key.
- To enter a space character, press the **0** key.
- Remember that this is a mobile phone and you must enter the full phone number, including area code, even if the contact is in your area.
- To enter an international number, press the ***** button twice (a **+** symbol will be displayed to represent the international dialling code). Then enter the country code (one or more digits) and the remaining number (with the initial zero of the area code removed). For example:

France (Paris) 01 9876 5432, enter ****33198765432**

- To erase the last entered digit, press and release the **Clear** button.
- To erase all entered digits, press and hold the **Clear** button.

Using the speed dial memory buttons

Your phone provides five speed dial memory buttons, which enable you call your favourite contacts more easily, without having to dial or use the phonebook.

To program the speed dial buttons

From standby, press the speed dial memory button that you wish to program. The options available will depend on whether a number is already associated with that button.

If the selected memory button has not been programmed, you'll have two options:

- Phonebook** to copy an existing contact from your phonebook
- Create** to enter a name and a number as a new contact

If the selected button has already been programmed, you'll see three options:

- Call** to make a call to this contact
- Edit** to modify the details stored for this memory button
- Delete** to clear the details stored for this memory button

Tip: The memory button panel has a piece of card beneath the plastic overlay, where you can write the name of the contact for each button.



To make a speed dial call

You can use the speed dial memory buttons in several ways to make a call:

- Press a memory button and then press **Select** to place the call and activate the handsfree speaker and microphone.
- Press a memory button and pick up the handset.
- Pick up the handset (or press the **Handsfree** button) and then press a memory button.

To restrict outgoing calls

You can restrict use of your phone so that it will only make outgoing calls using the five speed dial memory buttons. When the phone is in this mode, it will prevent access to all menu features and disable the on/off power button. Calls to the emergency services are unaffected.

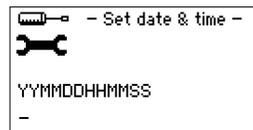
- From standby, press the **Menu** button.
- Use the arrow keys to find the **Settings** option and then press **Select**.
- Use the arrow keys to highlight the **Security** option and then press **Select**.
- Use the arrow keys to highlight the **Restrict to Mkeys** option and press **Select**.
- Now you will be asked to **Enter code**. Type the last four digits of the unique IMEI number that is printed on the base of the phone (it is also available in the **Status** screen) and press the **Select** button. If the code is correct, the 'key' icon will be shown in the standby screen.

To set the phone back to unrestricted use, press the **Menu** button, enter the same four digit code that was used to lock the phone and then press the **Select** button.

To set the date and time

From standby, press the **Menu** button, then use the arrow keys to find the **Settings** option and press the **Select** button. Highlight **Date & time** and press **Select**.

You will be prompted to enter the date and time in a single series of digits beginning with the year and ending with the seconds, using two digits per item and a 24-hour clock. The **Clear** key can be used to delete incorrectly entered digits. Press the **Select** button to save the details when complete.



For example, to set
18 August 2010 4:35pm
enter
100818163500

MORE INFORMATION

This QuickStart Guide should provide everything you need to get started and use the essential features of your phone. Your Burnside P355 GSM phone has more features to explore and use, including SMS text messaging, call diversion and a comprehensive phone book. The menu system is simple to use and works in the same way as most handheld mobile phones.

However, we provide a detailed User Guide for this phone as a download from our Web site. Just go to www.burnsidetelecom.com and select the Support tab to find out more.

Troubleshooting

The phone is not working

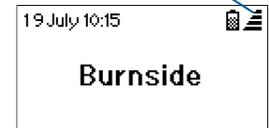
If your phone appears to be not working (the display is blank) or you cannot make calls, follow these steps to check your set-up:

- 1 Check that the transit switch is unlocked - see page 2, Step 1.
- 2 If the phone is not connected to a mains power outlet, the internal battery may be discharged. Use the power adapter to recharge the battery - recharging takes about two hours to complete.
- 3 If the phone is connected to a mains power outlet, check that the display is active. If not, use the red power switch at the rear of the phone to switch it on. If the display still does not appear, you should contact Burnside Telecom (details on the back page of this guide).
- 4 If you cannot make calls by dialling, check that the phone is not in restricted dialling mode - refer to page 9.
- 5 If you still cannot make calls, check that your SIM card has call credit available.

Calls can't be made or received reliably

The standby status display shows you the strength of the wireless signal being received by the phone, and this can be used as a rough indicator - the more bars the better. However, this phone has a more precise way of helping you find a location where the best wireless network signal can be received. Use this if you cannot get good reception straight away.

Signal strength
(more bars better)



From standby, press the **Menu** button and use the arrow keys to find the **Status** option and press **Select**. The status screen will be displayed, as shown here.

The **Signal level** shows the current signal strength expressed in logarithmic form (dBm) and as a percentage roughly equivalent to actual received signal level compared to its possible maximum. Try moving the phone and antenna position to achieve the highest percentage level.



If you continue to have difficulty receiving a reliable wireless signal, you might need to use an alternative antenna. Visit www.burnsidetelecom.com for details of our range of specialised antennas to suit more demanding locations.

Using the optional magnetic mount antenna

This antenna is available from Burnside as an alternative to the standard hinged antenna, and can be used to obtain improved network signal strength in areas where coverage may be less than ideal. The antenna has a magnetic mount and a two metre cable, so it can be positioned more flexibly.

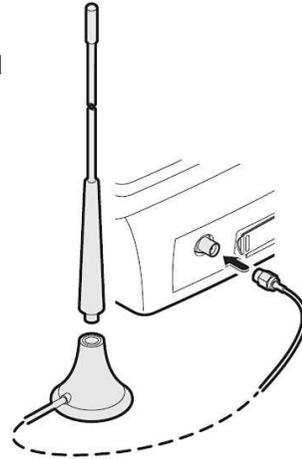
To attach the magnetic mount antenna, first ensure that the phone is switched off. If the supplied standard antenna is installed, disconnect it.

Assemble the antenna by screwing the upper section into the base until it is finger tight. Then position the antenna where required, if possible on a secure metal surface (preferably iron or steel).

Note: Do not position the antenna close to computer monitors, televisions, credit cards, etc., because the magnetic base can affect these items.

Feed the antenna cable to the rear of the phone, attach the connector to the antenna socket and twist the collar until it is finger tight.

Note: Ensure that the antenna cable does not cause a trip hazard.



Linking to a computer

This phone is equipped with a USB connector and features to support its use with a computer system to provide additional functionality.

- Initiate and terminate calls using applications that support Microsoft's Telephony Application Programming Interface (TAPI) standard
- Wireless modem, fax, send and receive SMS text messages
- Update the phone's internal software to the latest version.

To connect the phone, you will need a computer that has an unused USB port and a standard USB cable of suitable length, with a USB type A connector at one end and a USB type B connector at the other. The phone and the computer can be switched on or off while connecting.

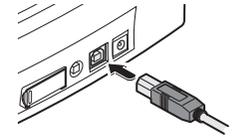
Before connecting the phone and computer, install the USB driver on the computer. This software is downloadable from www.burnsidetelecom.com. Follow the instructions opposite to connect the phone to your computer.

USB connection

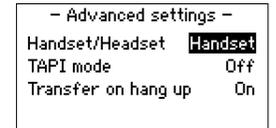
Insert the square USB connector into the socket on the rear panel of the phone, located between the power input socket and the red power button.



Connect the other end of the USB cable to an unused USB socket on the computer.



If you intend to use TAPI-enabled applications, ensure that the TAPI option is enabled in the phone. Press the **Menu** button, then use the arrow keys to go to the **Settings** menu. Press **Select**, highlight the **Advanced settings** option and press **Select** again. Go to the **TAPI mode** option and set it to **On**, then press **Select** to save.



Using a headset with your phone

Burnside offers a range of optional accessories for your phone, including a Plantronics headset - ideal for when the phone is being used on a continual basis. The headset can be used in place of the standard handset and a special phone setting configures the phone to allow the **Handsfree** button as well as the headset hook switch to be used to control calls via the headset.

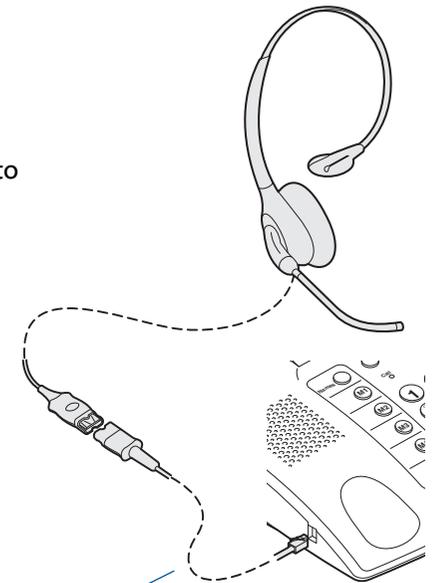
To connect the headset

Ensure that the phone is switched off, and if the normal phone handset is attached to the phone, disconnect it.

Connect the cable leading from the headset to the adapter cable. Insert the small connector of the headset adapter cable to the handset socket on the left side of the phone body.

Switch on the phone and access the menu: **Settings > General > Advanced Settings**. Enable the **Headset** option and press **Select** to save the setting.

*Note: When using the **Handset/Headset:- Both** option in **Advanced Settings**, use the optional **External Switch** (available from Burnside) to choose between the handset and headset.*



Adapter cable

This must be compatible with the Panasonic standard pin-out (Plantronics Part #U10PS)