

HC2006

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Notice

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HC2006 User Guide - part no: 034-751-GB Issue: 03
© Possum Limited, October 2009



SCOPE OF USE

The HC2006 Telephone is classified as a Class 1 medical device as an accessory, intended for use by the physically disabled.

Possum Limited products are not authorised for use as critical components in life support devices or systems which sustain life and whose failure to perform, when properly used in accordance with the instructions for use provided, can reasonably be expected to result in significant injury or death. A critical component is any component of a life support device or system whose failure to perform can reasonably be expected to cause the failure of the life support device or system or to affect its safety or effectiveness.

APPROVALS

The Possum HC2006 Telephone is **CE** marked under the R&TTE directives and has been tested to

CE EN60950 - 1:2006 (Safety)
EN55022:2006 (EMC)
EN55024:1998, Amd. 1 & Amd. 2:2003 (EMC)

This equipment does generate, use and can radiate radio frequency energy and if not installed correctly, may cause interference with radio and television receivers or other sensitive equipment. This equipment may be susceptible to radio frequency energy or mains conducted interference generated by other nearby equipment. Interference is unlikely to be a problem in a typical domestic environment, but if you have any queries please contact Possum Limited for advice.

PRODUCT CARE

- 1) Disconnect the mains power supply & telephone line to the HC2006 unit before attempting to clean the product.
- 2) The Possum HC2006 should be cleaned only with a soft, lint-free cloth, slightly moistened with clean water.
- 3) Do not use abrasive or solvent-based cleaning products.
- 4) Do not allow moisture to enter the HC2006 unit. Ensure that the product is dry before re-connecting to the mains power supply & telephone line.
- 5) The Possum HC2006 is intended for indoor use only and is not drip proof, splash proof or waterproof.
- 6) The Possum HC2006 is not anaesthetic proof and cannot be sterilised.

SERVICING

There are no user-serviceable parts within the HC2006. Refer all faults to Possum Limited or their authorised service agents.

Note that under the Medical Devices Directive, only service personnel trained and approved by Possum Limited are permitted to install, maintain and repair this product.

WARNING! Hazardous voltages and exposed live parts exist within the HC2006 power supply unit when in use. Never attempt to open the unit or remove the case cover.

IF YOU HAVE A PROBLEM

if the HC2006 fails to operate, check:

1. That there is a clear line of sight from the controller to the HC2006 IR window.
2. That the HC2006 IR window is not in direct sunlight.
3. That HC2006 is connected to UK phone socket

If you are still unable to solve the problem, please contact Possum Limited at the address stated for assistance.

SPECIFICATIONS

POWER REQUIREMENTS

The Possum HC2006 Telephone is designed to operate only with the supplied power supply - type HCP2006. (Never use a HC501 or any other power supply)

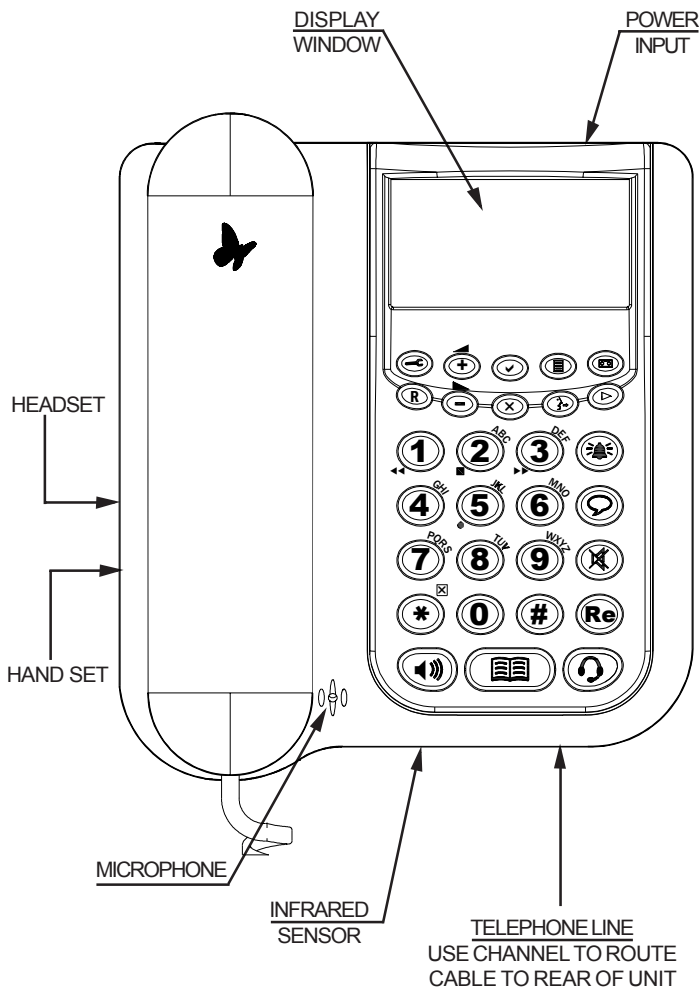
OPERATING/STORAGE ENVIRONMENT

Storage Temperature Range: 0°C to 40°C
(32°F to 104°F)
Storage Humidity Range: 30% to 75%
(non-condensing)
Storage Altitude Range: 0m to 2,000m

PHYSICAL CHARACTERISTICS

Width: 165mm
Height (without mtg bracket) : 95mm
Height (with mtg bracket) : 105mm
Length : 200mm
Weight (without mtg bracket): 1065grammes
Weight (with mtg bracket): 1130grammes

SERO! TELEPHONE



Locating and Accessing the Telephone

The telephone should be located on a solid flat surface away from direct sunlight or sources of heat (such as radiators or fires)

A reversible mounting plate is supplied for wall fitting or for raising the operating/viewing angle of the telephone

The mains power socket for connecting the mains adaptor and phone line point should be easily accessible

KEY	MAIN FUNCTION
	ACCESS TO PHONE SETUP OPTIONS
	WHEN OFF HOOK - TIME BREAK RECALLS FOR PBX SYSTEMS WHEN ON HOOK, BUT IDLE - SWITCHES DO NOT DISTURB ON. WHEN IN PHONE LOGS / LISTS - ANNOUNCES NAME OR NUMBER ON SCREEN
	VOLUME UP / SELECTION UP
	VOLUME DOWN / SELECTION DOWN
	CONFIRM ENTRY / STORE
	CANCEL SETUP OR CLEARS SCREEN
	ACCESSES THE CALLS LOG
	ANNOUNCES / SELECTS 'OGM' (OUT GOING MESSAGE)
	ANSWER PHONE ON / OFF
	PLAYS DISPLAYED PHRASE OR PLAYS DISPLAYED ANSWERPHONE MESSAGE

KEY	MAIN FUNCTION	SECONDARY FUNCTIONS
	DIAL FUNCTION KEY 1	TEXT CHARACTER . : () + * ! @ ? % ^ 1 ANSWER PHONE REWIND
	DIAL FUNCTION KEY 2	TEXT CHARACTER A B C 2 STOP PLAYBACK OR RECORDING
	DIAL FUNCTION KEY 3	TEXT CHARACTER D E F 3 ANSWER PHONE FAST FORWARD
	DIAL FUNCTION KEY 4	TEXT CHARACTER G H I 4
	DIAL FUNCTION KEY 5	TEXT CHARACTER J K L 5 [] RECORD NAME / MESSAGE
	DIAL FUNCTION KEY 6	TEXT CHARACTER M N O 6
	DIAL FUNCTION KEY 7	TEXT CHARACTER P Q R S 7
	DIAL FUNCTION KEY 8	TEXT CHARACTER T U V 8
	DIAL FUNCTION KEY 9	TEXT CHARACTER W X Y Z 9
	DIAL FUNCTION KEY 0	TEXT CHARACTER SPACE 0 & -
	DIAL FUNCTION KEY * (STAR)	DELETE DISPLAYED ENTRY FROM ANSWER PHONE / REDIAL / CALLS LIST
# icon"/>	DIAL FUNCTION KEY # (HASH)	

KEY	MAIN FUNCTION
	DIALS EMERGENCY CONTACT NUMBERS WHEN PRESSED / SELECTED.
	ACCESS PRE-RECORDED PHRASES SELECTION LIST.
	WHEN OFF HOOK - MUTES MIC FOR PRIVACY. WHEN ON HOOK - MUTES ANNOUNCEMENT OF ACTIVATED WARNINGS
	REDIAL - ACCESSES THE REDIAL LOG SHOWING THE LAST 14 NUMBERS DIALLED.
	ANSWERS CALL IN HANDSFREE TRANSFER CALL TO HANDSFREE END CALL, IF IN HANDSFREE
	BRINGS UP PHONEBOOK / CONTACT LIST
	ANSWERS CALL WHEN USING HEADSET TRANSFER CALL TO HEADSET END CALL, IF HEADSET IS BEING USED

PHONE OPERATION

The HC2006 Telephone can be controlled by all of the Possum Infrared Environmental Controllers and also any infrared unit that can learn Possum Infrared telephone codes. For operation of the telephone from the individual controllers, please refer to their respective user guides.

The telephone can also be used as a standard telephone.

All keys can be operated manually or via Possum infrared signals

Answering calls

When the phone is ringing, to answer the call lift the handset or for speaker phone operation press for headset operation press .

Transferring Calls

Once the call has been taken, press the appropriate key to transfer the call to that mode of operation.





Ending calls





To end a call, if using the handset place handset back on hook or if in hands free mode press again or if in headset mode press again.

Manual Dialling

Enter the number to dial, for corrections press to clear the number from the display or to delete the last digit. To dial lift the handset or press or press .










Using the phone book

With the phone on hook (not on a call) press , select the contact using  &  or enter the two digit number (00 to 99) on the key pad to access a particular memory location or to choose the alphabetical listing press  then the digit key corresponding to the first letter of the required contact repeatedly until the desired letter is shown on the display.





To exit phonebook press  or  again.
To dial, lift handset or press  or press .





Using the calls list (incoming calls)

This is only available if the clients' phone line has a caller ID service.




With the phone on hook press  then use  &  to choose contact, to listen to the callers details press . Press  to delete the displayed entry from the list. Press  or  again to exit calls list or to dial, lift the handset or press  or press .

Using the Redial list (outgoing calls)





With the phone on hook press , then use  &  to choose contact, press  to delete the displayed entry from the list.

Press  or  again to exit Redial list or to dial, lift the handset or press  or press .



Call Lock

The phone can be set to provide certain levels of restrictions when dialling numbers. If set, upon attempting to dial a number the phone may request a Pin Code, use digits  to  to enter the code then press the  key.

Using Phrases


Press  to access a list of phrases, use  &  to choose the phrase or enter a two digit number (00 to 49) on the keypad to choose a particular numerical memory location. If announcements has been switched on the phrase will be announced upon entering the second digit, otherwise press  to announce displayed phrase.

To exit phrases press  key again or press .









To adjust phrase volume level played through the loudspeaker, play a phrase, during playback use the  &  keys to adjust the volume. Note, the volume level of the phrase which a caller hears on the phone line cannot be adjusted.

Using the Answerphone



Press  to switch the answerphone ON or OFF.

To record a memo (part of conversation between the user and the caller) press  to start recording and press again to stop. The recording will stop automatically once the recording is 1 minute in duration. The caller is alerted of the recording by means of an audible tone.



Listening to Answerphone & Memo Messages

With the phone idle, press  to start automatic message/memo playback, beginning with the oldest. After all messages have been played the phone will display the latest message. During replay to stop a message press , to delete press . Once message replay has been stopped other messages can be selected using  &  and played or deleted using  or . To quit message playback press .

Selecting Answerphone Out Going Message (OGM)


There are three OGM messages available. OGM 1 & 2 are alternative messages requesting the caller to leave a message, OGM 3 is used when the caller cannot leave a message. To select the appropriate OGM, with the phone idle press  key to use the next OGM press  again while the current OGM is being announced.

Help Call



Press the  button to activate the emergency dialling sequence. The phone dials contacts from the phone book marked as SOS, and these are dialled in numerical order. Press  at any time to terminate emergency dialling. Note: Incoming calls can be answered and terminated during the emergency dial procedure but ending the call does not cancel emergency dial operation.

Do Not Disturb


This will mute the ringer for all incoming calls, except those marked as VIP but only if the clients phone line has Caller ID, otherwise calls are silent.

With the phone on hook press the  button to switch the "Do Not Disturb" function ON or OFF.

Privacy Function

While off hook (on a call) Press  key to talk privately to a person in the room, to cancel, press  again. Privacy will only affect the current call.

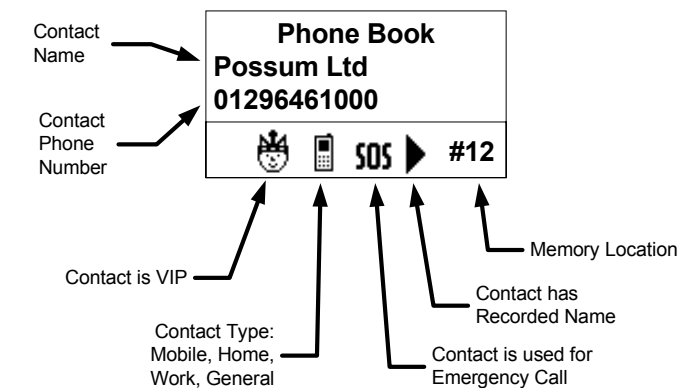
Mute warnings

When a warning occurs the type of warning is announced automatically and is repeated every few minutes, Announcement of the current warning is silenced by pressing the  key. An occurrence of a new warning will initiate the phone to announce the warnings again.




PHONESETUP

Adding Contacts to the phone book




A phone contact has many parameters all of which need to be set in turn.





[Example phonebook entry]

With the phone idle (on hook) press  key, the display shows "Store What?". Press the  key or if in calls/redial list, view the contact from the list then press .




Enter the name

1. Press the digit key which corresponds to the required letter of the name repeatedly until the correct character is shown on the display.
2. Press  to move to the next character
3. Repeat steps 1-2 for further characters, for corrections press  to delete the last character.
4. When completed press .

Enter the number

1. Use digits 0 to 9 to enter the phone number, for corrections press  to delete the last digit.
2. Press  to store.

Number type

1. Use  &  to select the number type (mobile, work, home, general)
2. Then press  to confirm.

Is this a VIP

1. Use  &  to choose yes or no,
2. Then press .

Adding Contacts to the phone book (continued)

Keep Number private

Use and to choose **yes** or **no** then press to confirm.

Use for Help call

Use and to choose **yes** or **no** then press to confirm.

Record contact name

Use and to choose options below, then press .

no change (details are saved and the phone exits programming)

delete (The phone deletes any recorded name)

add/edit/replace (The phone allows for a new recording to be made)

Upon selecting **Add/edit/replace**, follow the on screen instructions for recording

- Lift handset, press to start recording & to stop or if auto-record is on, as shown on the display, stop speaking and wait, recording will stop automatically once no sound is detected.
- Press to listen to recording, during playback press to restart playback from the beginning.
- Repeat steps 1-2 until satisfied with the recording.
- Then press to save.

Adding Phrases

With the phone idle (on hook) press key, the phone displays "Store what?" then press the Key.

Phrase Description

- Press the digit key which corresponds to the required letter of the name repeatedly until the correct character is shown on the display.
- Press to move to the next character.
- Repeat steps 1-2 for further characters, for corrections, press to delete the last character.
- When completed press .

Record Phrase

- Lift handset, press to start recording & to stop.
- Press to listen to recording, during playback press to restart playback from the beginning.
- Repeat these steps 1-2 until satisfied with the recording.
- Then press to save.

Recording personal Answerphone Out Going Messages (OMG)

- Select the required OGM by pressing key repeatedly until OGM 1, 2 or 3 is shown on the display.
- Wait for the phone to return to an idle state.
- Press key, the phone Displays "Store what?"
- Press the Key.
- Lift handset, press to start recording & to stop or if auto-record is on, stop speaking and wait, recording will stop automatically once no sound is detected.
- Press to listen to recording, during playback press to restart playback from the beginning.
- Repeat steps 5-6 until satisfied with recording.
- Then press to save.

Adjusting Announcement Volume

The announcement of keys and names is a setting accessible only by a Possum approved engineer, If enabled, the volume level can be adjusted as follows:

- With the phone Idle press then the Key.
- The phone will display "Announcement Volume"
- Press to select this setting.
- Press or to change the volume level, during each press "Setup mode" is announced at the new volume setting to indicate the volume level.
- Press to save the setting and exit setup or press or the to exit the setup mode.

Setting the clock

The clock is used to give date and time of each entry in the call or redial list and date and time of messages in Answerphone message list. The date and time will be set by the engineer at installation but will need setting again for clock changes at GMT and BST. The clock will also need to be set following a prolonged period of mains failure after the internal phone batteries have become exhausted.

Setting the clock for the first time

- With the telephone idle, press the Key.
- Press until "set time and clock" is displayed.
- Press to select this setting.
- Enter Date using keys to for DD/MM/YY. for correction press to delete the last digit.
- Press to store and move onto Set Time.
- Enter the time in 24 hour clock mode (e.g. 3.00pm = 15 00) for corrections press to delete the last digit.
- Press to save and exit setup.
- Press or to choose am/pm or 24hr mode, with the format highlighted press to store and exit setup.

Setting the clock (continued)

Changing the Date and Time

- Press , set time and date is highlighted on the display, then press .
- Use or to choose either date, time or time display format, then press to allow editing. Change settings as previously described.
- When complete press to leave set time and date, press again to exit setup mode.

Display Symbols

SYMBOL	MEANING
	Telephone ringing
	On hook
	Off hook
	No phone line
	Answerphone on
	Answerphone message
	Caller leaving message on Answerphone
	Displayed information has a recording assigned
	Speakerphone on
	Speakerphone off
	Set microphone levels
	Microphone mute
	Headset mode
	Call restriction active (pin number maybe required)
	Caller marked as VIP
	Warning
	Do not disturb on
	Contact number - Work
	Contact number - Home
	Contact number - Mobile
	Contact number - SOS (Flashes when dialling)
	Battery charging