



Product Definition Document

Version 2.0



Customer: XACT / US
Model: XVP5601
Roadmap Number: 33-3
Cabinet Reference: B18 + B32

FCC Interference Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.



FCC INTERFERENCE INFORMATION

FCC RF Radiation Exposure Statement

The installation of the base unit should allow at least 20 centimeter between the base and persons in compliance with FCC RF exposure guidelines. For body worn operation, the portable part (handset) has been tested and meets FCC RF exposure guidelines.

This device must not be co-located or operating in conjunction with any other antenna or transmitter. The changes or modifications not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

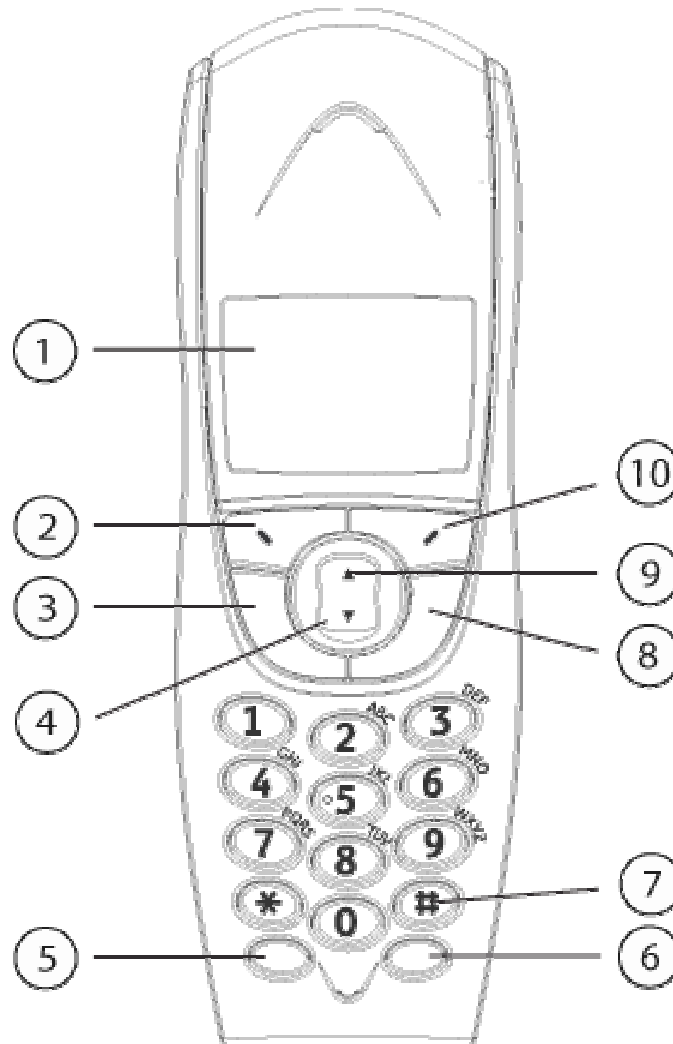
This product meets the applicable Industry Canada technical specifications

The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

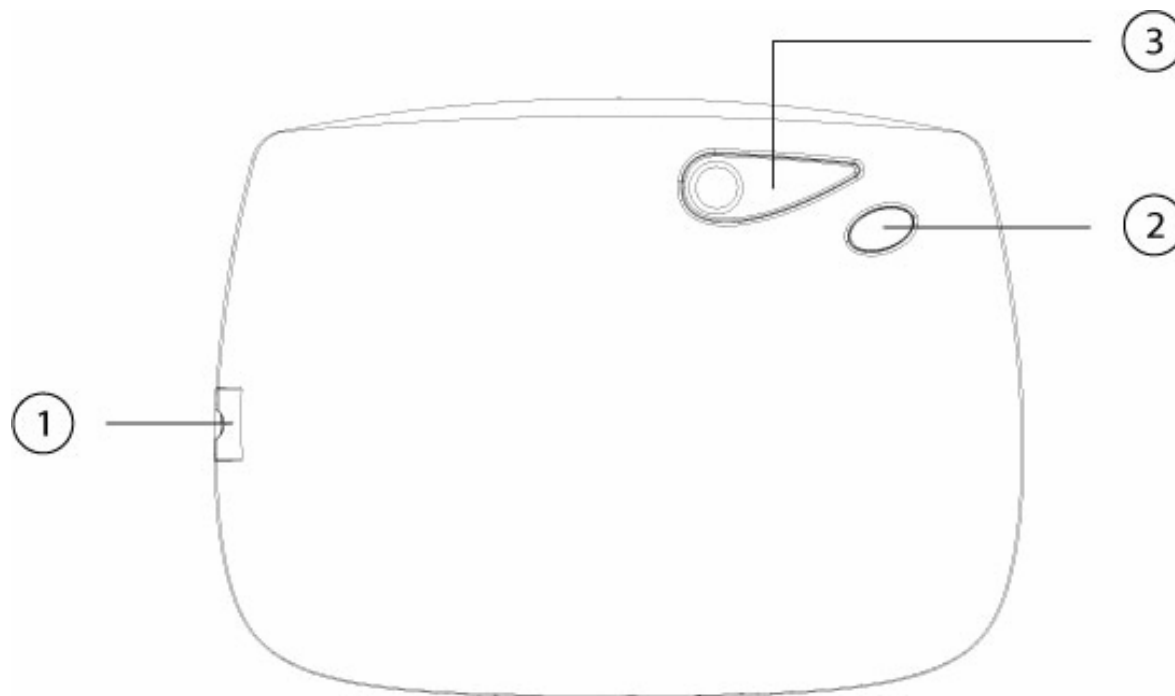
2 Panel Layout

2.1 *Handset Front*



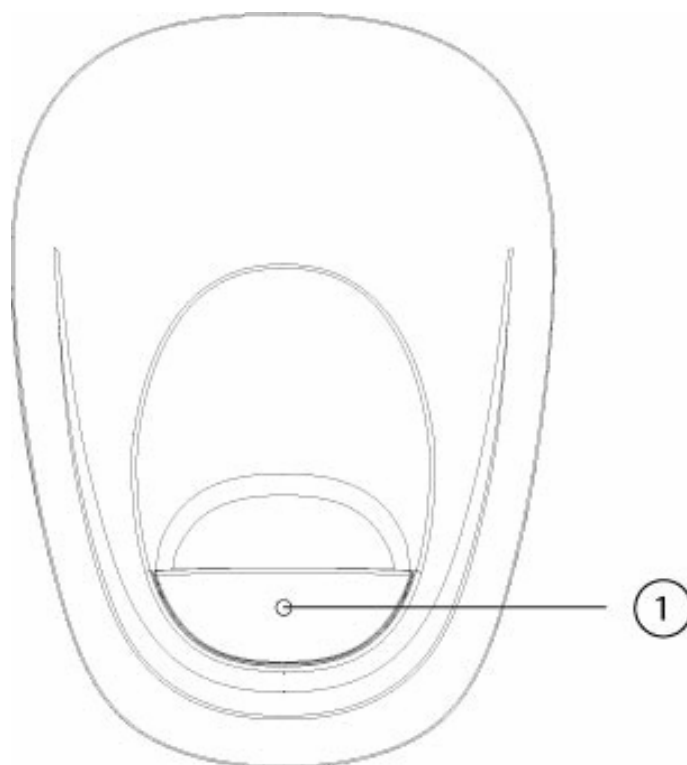
1	4096 Colour; Full Graphic (1.4 inch), 128 x 128 pixels LCD
2	Soft Key 1
3	VoIP Talk On / Handsfree (toggle between handset and handsfree mode)
4	Enter Buddy List / Volume Down
5	Intercom
6	Clear / Back
7	# / Switch between Lowercase and Uppercase
8	VoIP Talk Off
9	Enter Redial List / Pause / Volume Up
10	Soft Key 2

2.2 Black Box



1	USB Connector Port
2	Power / In Use / Event Indicator LED
3	Page Key

2.3 Charger Front



1	Power / In Use / Event Indicator LED
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3 Additional Information

3.1 *Menu Icons*

TBA

3.2 *Wallpapers*

Sunset



Butterfly



Island



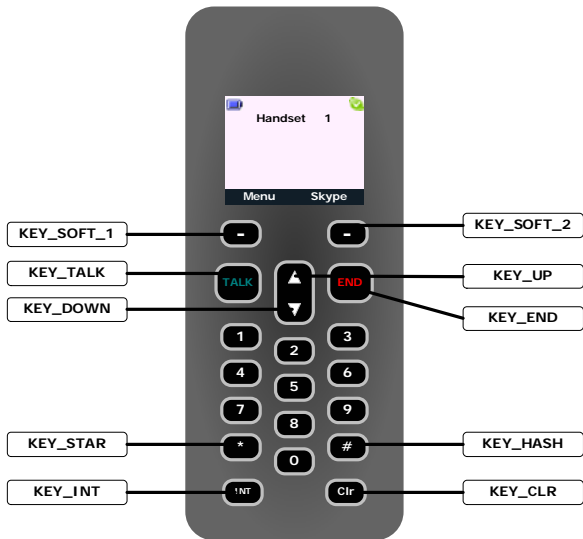
SunCorp XACT Model XVP5601

Skype Phone MMI

version 1.1

30 November 2006

HANDSET PANEL LAYOUT - Skype Phone



DISPLAY ICONS

Own status icons:

- Offline
- Online
- Skype Me
- Away
- Not Available
- Do Not Disturb
- Invisible

Reminder icons:

- Missed Calls
- Missed Chat
- New Voicemail

Buddies status icons:

- Offline
- Online
- Skype Me
- Away
- Not Available
- Do Not Disturb
- Invisible
- Blocked
- Call Forwarded
- Mobile Away
- Mobile Not Available
- Mobile Online
- SkypeOut
- SkypeOut Inactive
- SkypeOut Blocked
- Offline SkypeOut
- Offline Voicemail
- Pending
- Skypecasts
- Skypecasts Offline

Call icons:

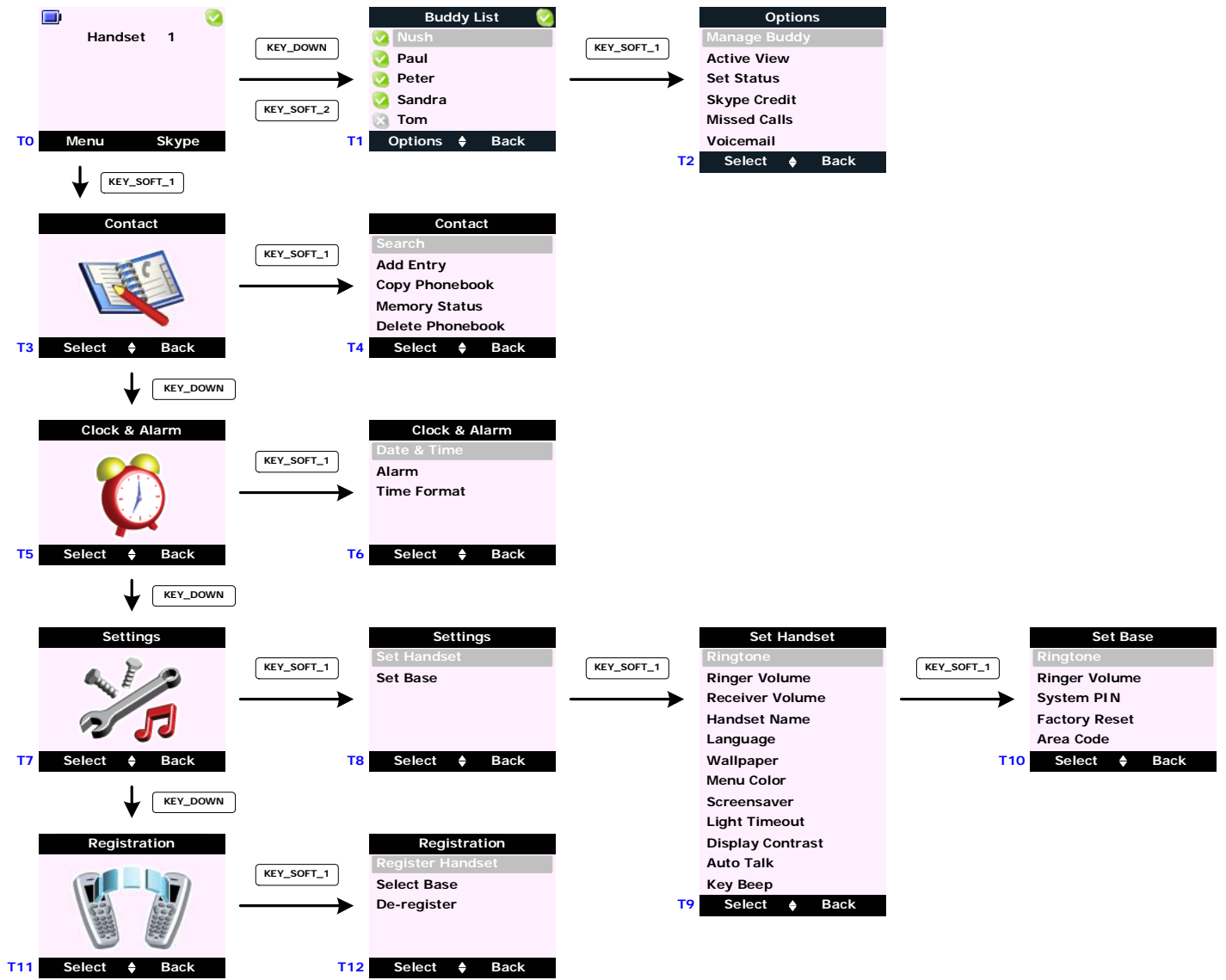
- Skype Call

Other icons:

- Call on Hold

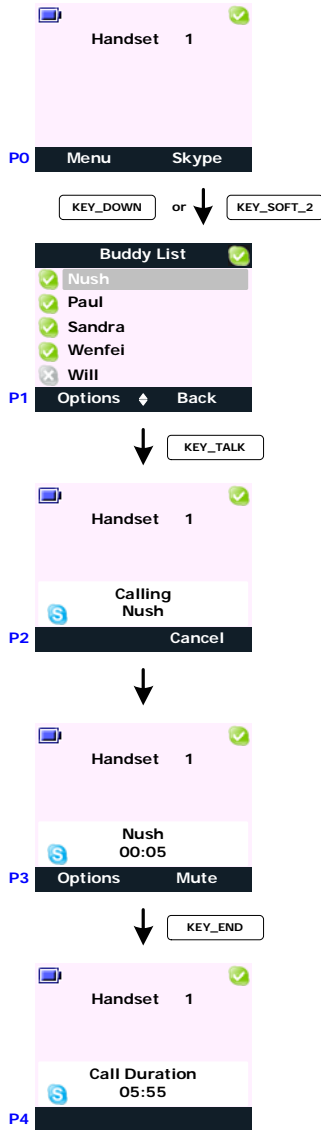
KEYS	KEYS		
	STANDBY MODE	MENU MODE	IN-CALL MODE
KEY_SOFT_1	Enter Menu	Select Current Menu Option	Variable Action
KEY_SOFT_2	Enter Skype Buddy List	Select Current Menu Option Go Back to Previous Menu	Variable Action (incl. Microphone Mute)
KEY_UP	<u>Short press</u> : Enter Skype Dialed Calls List	Change Menu Selection	Receiver Volume Up
KEY_DOWN	Enter Skype Buddy List	Change Menu Selection	Receiver Volume Down
KEY_TALK	Go Off Hook	No Action	Toggle between Handset and Handsfree Talk mode
KEY_END	<u>Long press</u> : Switch Handset Power On and Off (Power On/Off feature can be disabled)	Exit / Return to Idle	Go On Hook (for current active call)
KEY_1	<u>Short press</u> : Pre-dial 1 <u>Long press</u> : go to Skype Voicemail List	No Action	<u>Short/Long press</u> : Dial 1
KEY_2	<u>Short press</u> : Pre-dial 2	No Action	<u>Short/Long press</u> : Dial 2
KEY_3	<u>Short press</u> : Pre-dial 3 <u>Long press</u> : go to Skype Missed Calls List	No Action	<u>Short/Long press</u> : Dial 3
KEY_4	<u>Short press</u> : Pre-dial 4 <u>Long press</u> : go to Skype Set Status	No Action	<u>Short/Long press</u> : Dial 4
KEY_5	<u>Short press</u> : Pre-dial 5 <u>Long press</u> : go to Skype Active View	No Action	<u>Short/Long press</u> : Dial 5
KEY_6	<u>Short press</u> : Pre-dial 6 <u>Long press</u> : go to Skype Credit	No Action	<u>Short/Long press</u> : Dial 6
KEY_7	<u>Short press</u> : Pre-dial 7	No Action	<u>Short press</u> : Dial 7
KEY_8	<u>Short press</u> : Pre-dial 8	No Action	<u>Short press</u> : Dial 8
KEY_9	<u>Short press</u> : Pre-dial 9	No Action	<u>Short press</u> : Dial 9
KEY_0	<u>Short press</u> : Pre-dial 0	No Action	<u>Short press</u> : Dial 0
KEY_STAR	<u>Short press</u> : Pre-dial *	No Action	<u>Short press</u> : Dial *
KEY_HASH	<u>Short press</u> : Pre-dial # <u>Long press</u> : Engage Keylock (feature can be disabled)	No Action	<u>Short press</u> : Dial #
KEY_INT_R	<u>Short press</u> : Intercom	No Action	<u>Short press</u> : Intercom
KEY_CLR	Delete / Clear pre-dial digits or incorrect character or digit entered during text input mode		

PRODUCT - MENU TREE

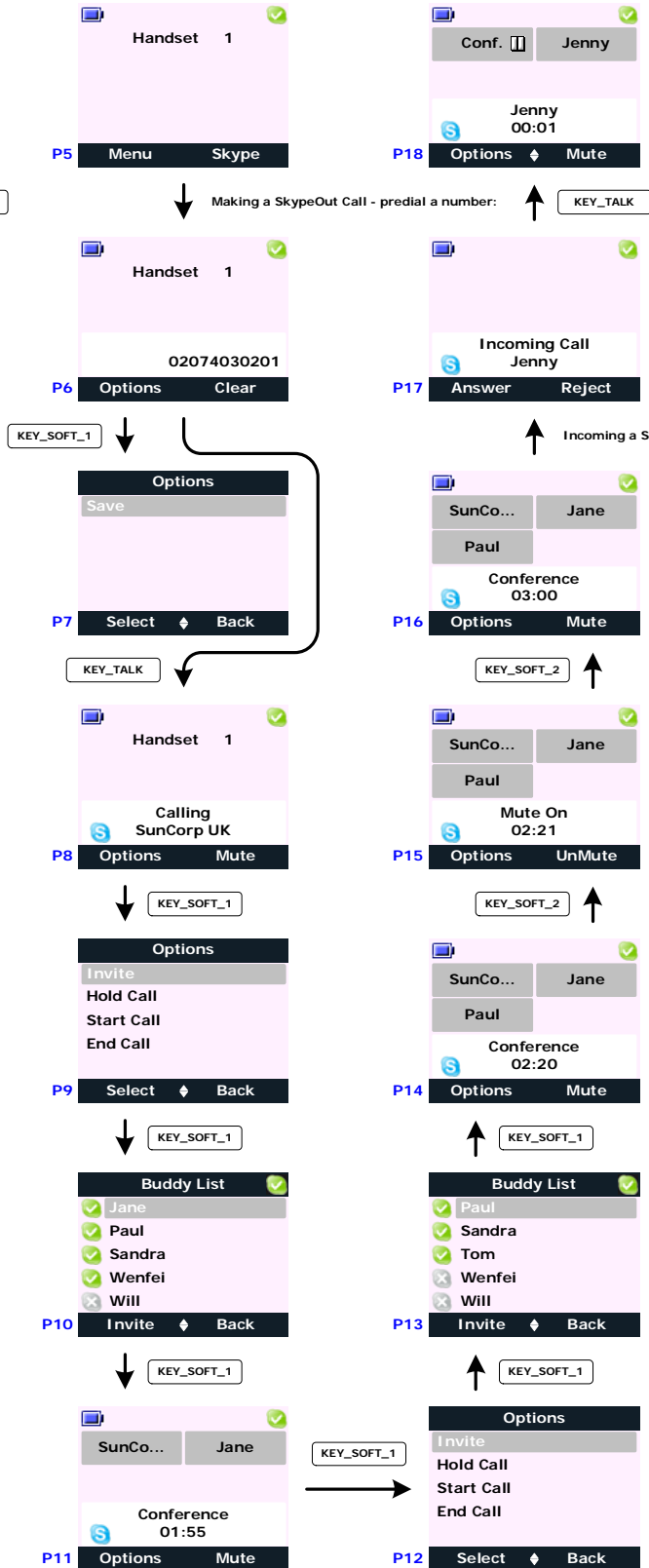


CALL HANDLING

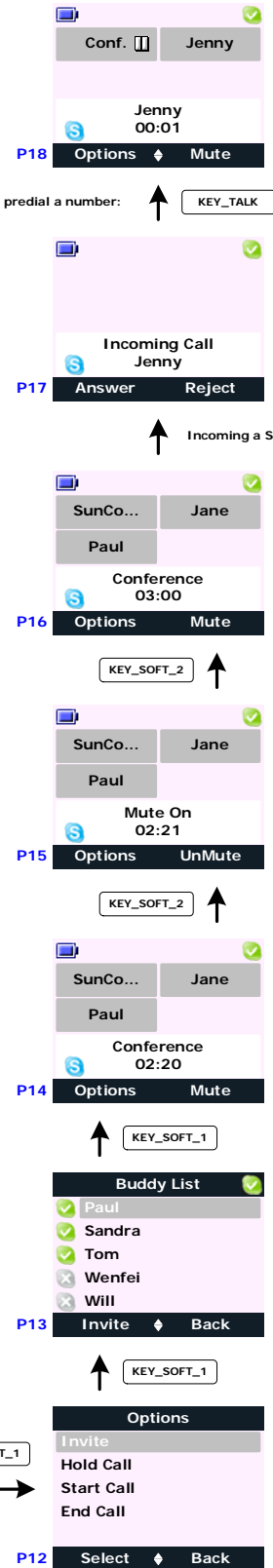
Making and Ending a Skype Call:



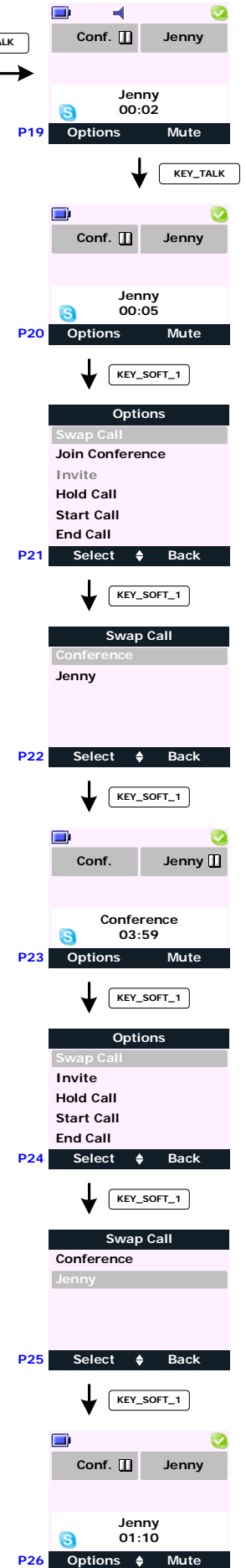
Making a Skype Conference Call:



Skype Call Waiting:



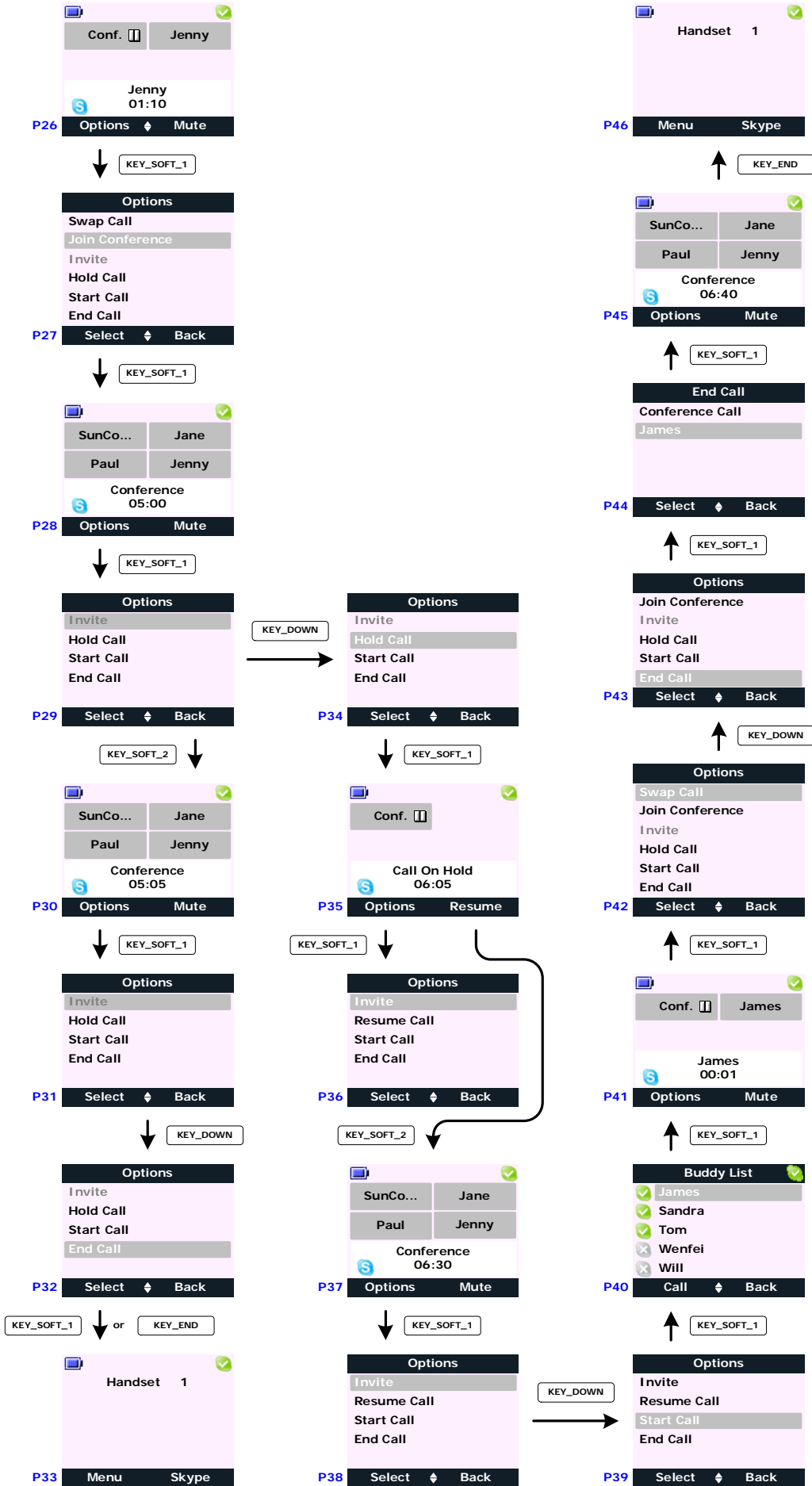
Swap between your Skype Calls:



1. At screen P6, on pre-dialing, pressing **Options** (**KEY_SOFT_1**) will give you an option to save dialed number to your local contact list.
2. If you press **KEY_TALK** at screen P6 - the number will be dialed out through Skype.
Please ensure you have correct country dialing code set on your Skype window or you can manually predial the code.
3. While on a call the handset In Use LED will be steady on and the base In Use LED will flash.

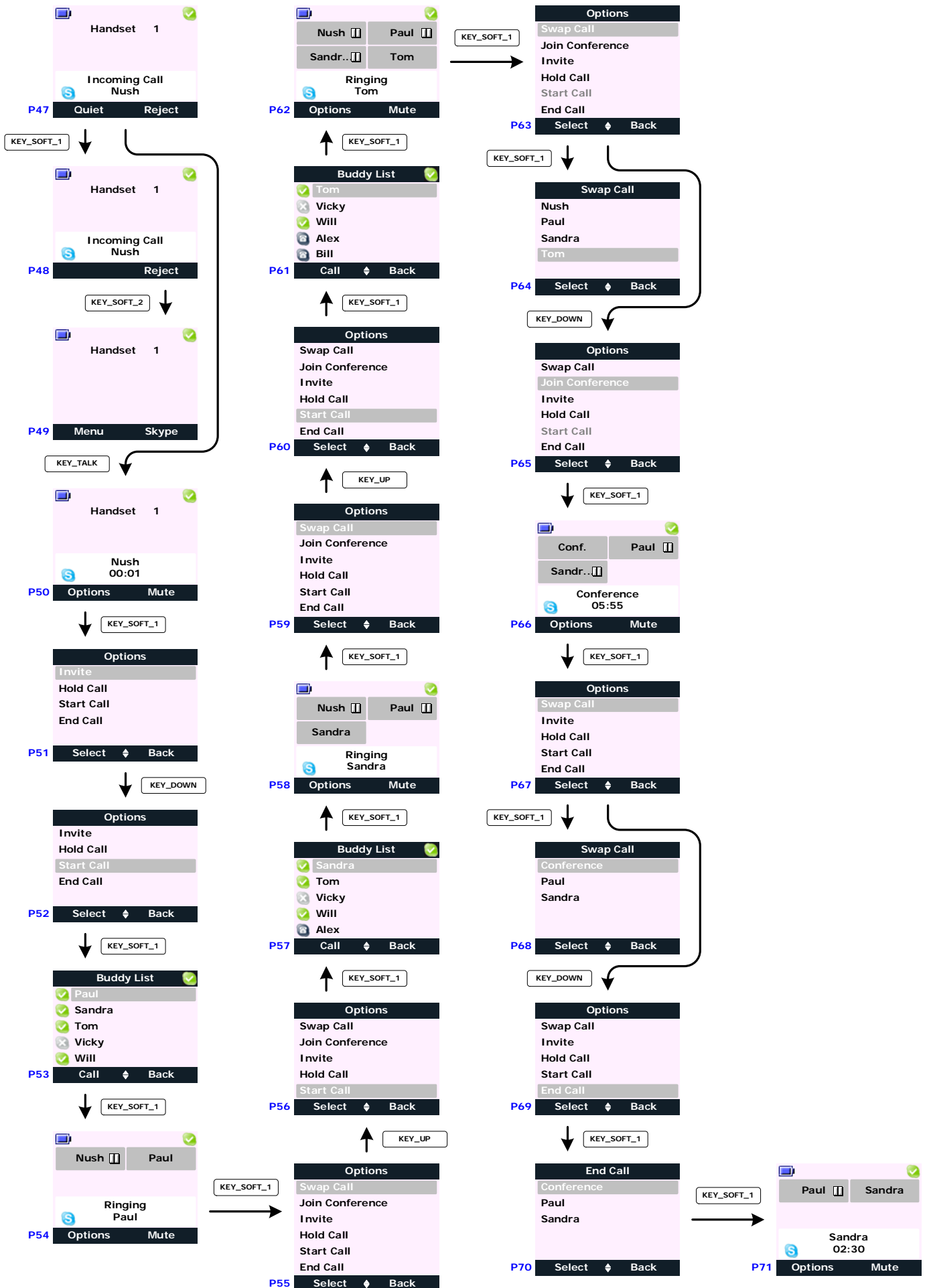
CALL HANDLING (cont.)

Skype Call Options: Swap, Join Conference, Invite, Hold, Start New Calls, and End Call options:



CALL HANDLING (cont.)

Additional flows on Start Call and Skype Call Options:



CALL HANDLING (cont.)

MAKING CALLS

To make a Skype to Skype call:

1. Press **KEY_DOWN** or **KEY_SOFT_2** to enter your Skype buddy list.
2. Press **KEY_UP** or **KEY_DOWN** to highlight the buddy you want to call.
3. Press **KEY_TALK** to dial out.

To make a SkypeOut call (Pre Dialling):

1. Enter your destination number and press **KEY_TALK**. If you make a mistake, press **KEY_CLR**.
2. Press **KEY_TALK** to dial out.

To make a SkypeOut call (from Skype Buddy List):

1. Press **KEY_DOWN** or **KEY_SOFT_2** to enter your Skype buddy list.
2. Press **KEY_UP** or **KEY_DOWN** to highlight the SkypeOut contact you want to call.
3. Press **KEY_TALK** to dial out.

Making a SkypeOut Call from Local Contact List:

1. Press **Menu** (**KEY_SOFT_1**). **Contact** menu is displayed.
2. Press **Select** (**KEY_SOFT_1**) to open your phonebook menu.
3. Search is highlighted, press **Select** (**KEY_SOFT_1**).
4. Scroll to the contact you want to call and press **Options** (**KEY_SOFT_1**).
5. Scroll to **SkypeOut Call** and press **Select** (**KEY_SOFT_1**) to call selected contact name via Skype.

ANSWERING CALLS

To answer a Skype or a Skypeln call:

1. Press **KEY_TALK** to answer.

Or if Auto Talk is set to ON you can simply pick up your handset from the cradle to take the call.

Note: During the ringing of an incoming Skype call - it is possible to silent the ringer on your handset by pressing **Quiet** (**KEY_SOFT_1**). See screen P47 and P48.

If **Quiet** (**KEY_SOFT_1**) is selected on an incoming call screen, the handset ringer for that handset is temporarily switched off and the **Quiet** (**KEY_SOFT_1**) label is removed. The call continues to be displayed on the screen and will still be announced audibly at any other handsets and the base. Once the handset reverts to idle, the ringer is switched back on.

ENDING CALLS

To end a Skype or a Skypeln call:

1. Press **KEY_END** will end current active call.

Note: By putting the handset back on the cradle will end all calls.

IN-CALL OPTIONS

To adjust earpiece volume during call:

1. Press **KEY_UP** to increase the volume or **KEY_DOWN** to decrease the volume.

To mute a microphone during call:

1. Press **Mute** (**KEY_SOFT_2**) during call to mute your handset microphone.
2. Press **UnMute** (**KEY_SOFT_2**) to turn the microphone back on.

To switch between handset and handsfree mode:

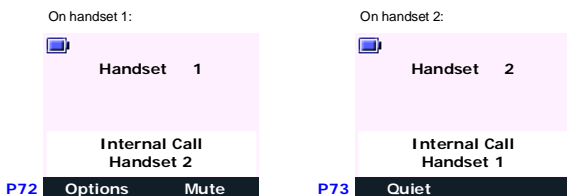
1. Press **KEY_TALK** during call to switch your handset to handsfree mode.
2. Press **KEY_TALK** again to switch back to handset mode.

Note: If when a call is in progress either in handset or handsfree mode and the headset (if available) is plugged in the call is transferred to the headset and the speakers on the handset are muted. Whilst a headset call is in progress pressing **KEY_TALK** to activate handsfree will be ignored.

INTERNAL CALLS

To make an internal call:

1. On your handset (handset 1), short press **KEY_INT_R** followed by the handset number you want to call, the call attempt is made immediately while external call is put on hold.
2. "Internal Call Handset X" is displayed where X is the handset number.



3. To answer the call on handset 2, press **KEY_TALK**.
4. If you try to make an internal call to a handset (handset 2) which is already engaged on an internal call, or is not available, the display will return to standby after 2 seconds.
5. If two handsets are engaged on an internal call and an external Skype call is received, any handsets that are available will ring. The handsets involved in the internal call will present beeps in the earpiece. The caller information or name match (to your local contact list or Skype buddy list) will be presented on all handset displays.

The internal call must be ended before the external call can be taken. Then the external call will be presented on the handset again for the user to take the external call.

SKYPE CONFERENCING

While on a Skype call, it is possible to invite another buddy from your Skype buddy list to join your call.

To start a Skype conference call with another Skype buddy:

1. While on a Skype call on your handset (handset 1) to invite another buddy from your Skype buddy list, press **Options** (**KEY_SOFT_1**) and select **Invite**. You will be presented with the Skype buddy list.
2. Press **KEY_UP** or **KEY_DOWN** to highlight the buddy you want to invite to join you call.
3. Press **Invite** (**KEY_SOFT_1**) to add the buddy to your conference call.
4. Up to 5 participants including the conference host can be on a conference call at one time.
5. Only one Skype conference call can be held at one time.

SKYPE CALL OPTIONS

While you are on a Skype call the following options are available:

- Swap Call
- Join Conference
- Invite
- Hold Call
- Start Call
- End call

Swap Call

This option is used to swap between calls and is offered when there is more than one active Skype call.

Join Conference

This option is used to invite current active call to join conference call on hold.

This option is not offered if you are already on a conference call (see screen P12 or P24).

Invite

This option is used to invite another buddy to join your current call.

If there are already 5 participants on the conference call Invite option will be greyed out (see screen P29).

If there is already one conference call on hold while you are on a separate call with another buddy - pressing Options (**KEY_SOFT_1**) will show **Invite** as greyed out option (see screen P21 or P27).

Hold Call

This option is used to put current call on hold.

To resume the call, press **Resume** (**KEY_SOFT_2**) or select **Resume** via the **Options** (**KEY_SOFT_1**). See screen P35 and P36.

Start Call

This option is used to start a new Skype call when you are already on one or more Skype calls.

Up to four separate Skype calls can be made at one time. **Start Call** option is greyed out when there are four separate Skype calls.

While on a Skype call if **Start Call** is selected - you will be presented with the buddy list screen to select another buddy you want to call. Your current call is put on hold while a new call is initiated.

End Call

This option is used to end a call with a specific buddy or end your current call if it is the only call.

CALL WAITING

1. While you are on a Skype call if another Skype call arrives - you will hear a beep sound and the display is presented as screen P17.

At this time, the two softkeys will change from **Options** (**KEY_SOFT_1**) and **Mute** (**KEY_SOFT_2**) to **Answer** (**KEY_SOFT_1**) and **Reject** (**KEY_SOFT_2**).

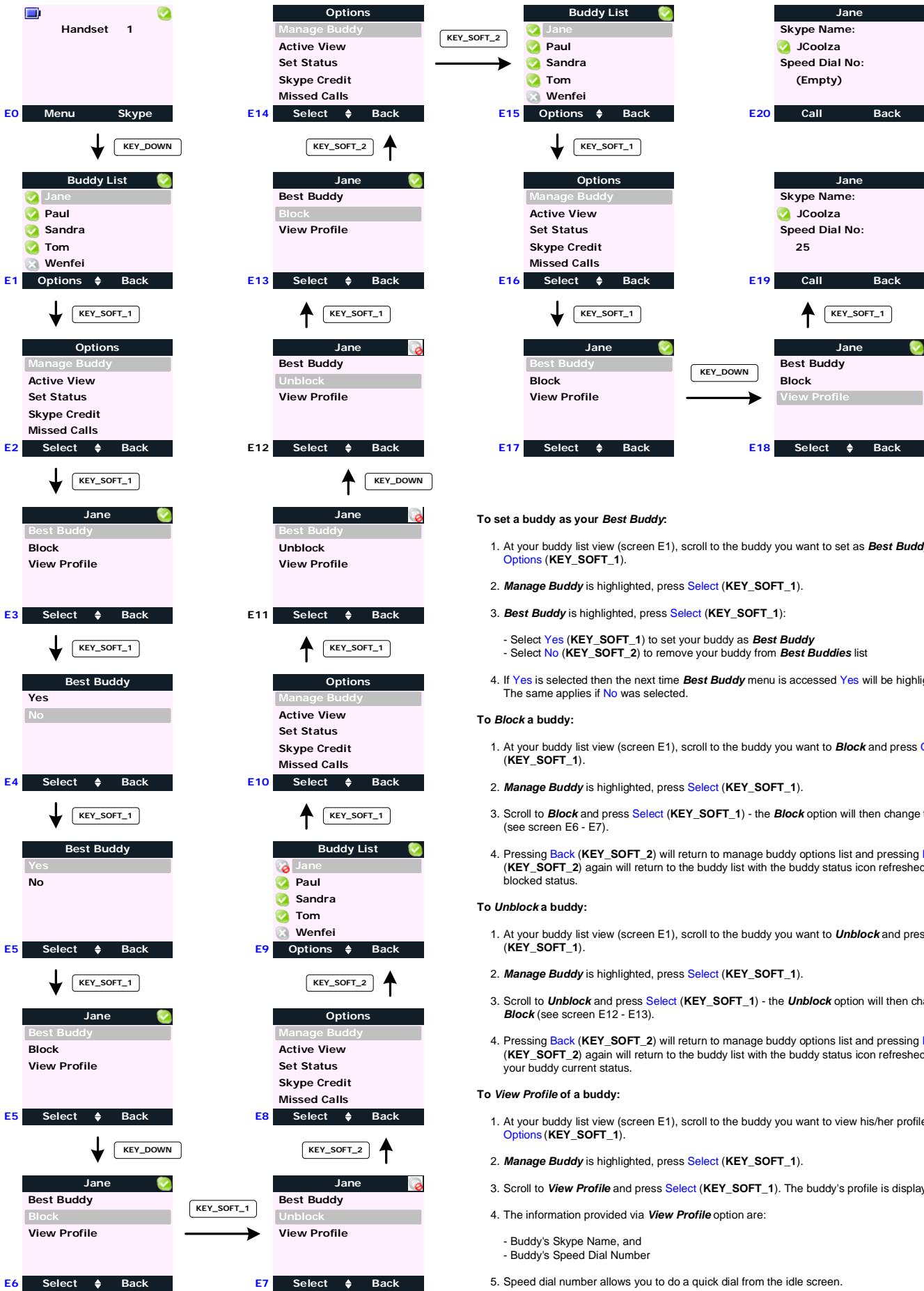
Press **Answer** (**KEY_SOFT_1**) to take the call and put current active Skype call on hold.

If the call is answered the two softkeys will change to **Options** (**KEY_SOFT_1**) and **Mute** (**KEY_SOFT_2**) where **Options** refer to Skype in-call options.

Press **Reject** (**KEY_SOFT_2**) to ignore the call.

OTHER CALL HANDLING NOTES

1. If the base is in use either on a call or by one of the other handsets, if another handset user tries to access base functionality, the display prompts "Not Available" for 2 seconds, along with the error tone before reverting to idle.
2. When one of the handsets (handset 1) is engaged on an external call, it is not possible for the other handsets to initiate a new Skype call at the same time.



To set a buddy as your Best Buddy:

1. At your buddy list view (screen E1), scroll to the buddy you want to set as **Best Buddy** and press **Options** (KEY_SOFT_1).
2. **Manage Buddy** is highlighted, press **Select** (KEY_SOFT_1).
3. **Best Buddy** is highlighted, press **Select** (KEY_SOFT_1):
 - Select **Yes** (KEY_SOFT_1) to set your buddy as **Best Buddy**
 - Select **No** (KEY_SOFT_2) to remove your buddy from **Best Buddies** list
4. If **Yes** is selected then the next time **Best Buddy** menu is accessed **Yes** will be highlighted. The same applies if **No** was selected.

To Block a buddy:

1. At your buddy list view (screen E1), scroll to the buddy you want to **Block** and press **Options** (KEY_SOFT_1).
2. **Manage Buddy** is highlighted, press **Select** (KEY_SOFT_1).
3. Scroll to **Block** and press **Select** (KEY_SOFT_1) - the **Block** option will then change to **Unblock** (see screen E6 - E7).
4. Pressing **Back** (KEY_SOFT_2) will return to manage buddy options list and pressing **Back** (KEY_SOFT_2) again will return to the buddy list with the buddy status icon refreshed to show the blocked status.

To Unblock a buddy:

1. At your buddy list view (screen E1), scroll to the buddy you want to **Unblock** and press **Options** (KEY_SOFT_1).
2. **Manage Buddy** is highlighted, press **Select** (KEY_SOFT_1).
3. Scroll to **Unblock** and press **Select** (KEY_SOFT_1) - the **Unblock** option will then change to **Block** (see screen E12 - E13).
4. Pressing **Back** (KEY_SOFT_2) will return to manage buddy options list and pressing **Back** (KEY_SOFT_2) again will return to the buddy list with the buddy status icon refreshed to show your buddy current status.

To View Profile of a buddy:

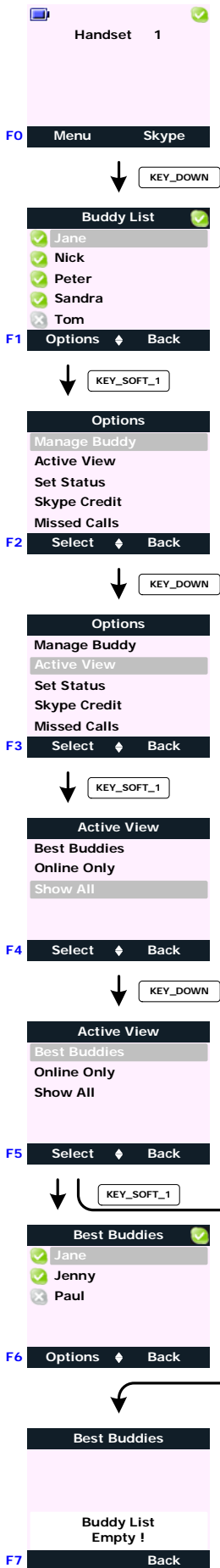
1. At your buddy list view (screen E1), scroll to the buddy you want to view his/her profile and press **Options** (KEY_SOFT_1).
2. **Manage Buddy** is highlighted, press **Select** (KEY_SOFT_1).
3. Scroll to **View Profile** and press **Select** (KEY_SOFT_1). The buddy's profile is displayed.
4. The information provided via **View Profile** option are:
 - Buddy's Skype Name, and
 - Buddy's Speed Dial Number
5. Speed dial number allows you to do a quick dial from the idle screen.

For example, to call Jane: from idle dial 25 (make sure your **SOFT_KEY_2** is labelled **Skype**) then press **KEY_TALK** - the handset will dial out to Jane.

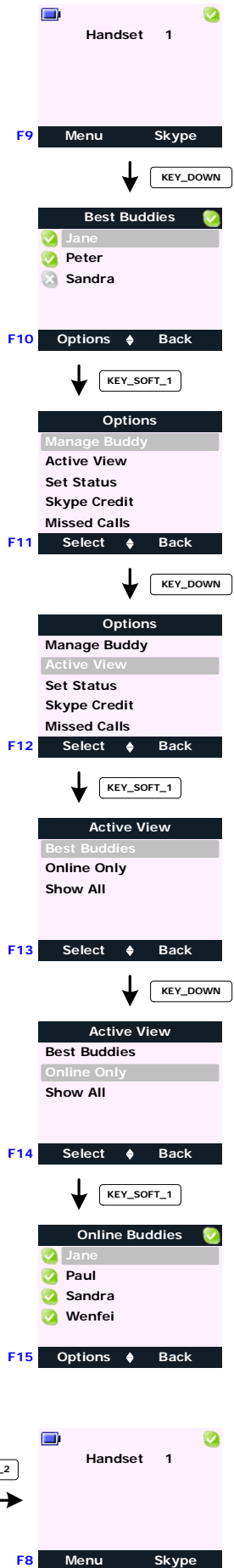
Note: Up to 99 speed dial entries can be set at your PC. If a speed dial has not been set then it will show (Empty) in the speed dial number field (see screen E20).

ACTIVE VIEW

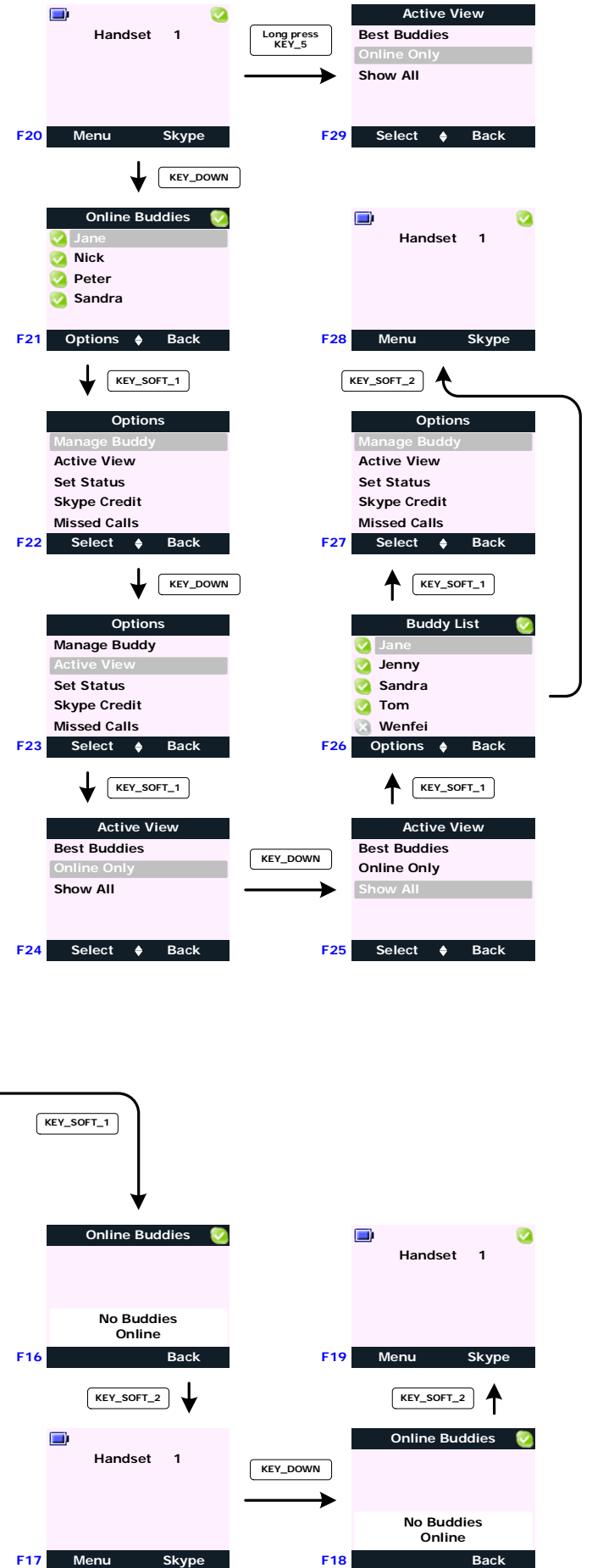
Best Buddies List View:



Online Buddies List View:



Show All Buddies List View:



ACTIVE VIEW (cont.)

BUDDY LIST CHARACTERISTICS:

1. All buddies are grouped in the following orders:

> Skype
> SkypeOut

contacts and are listed alphabetically.

For example,

Skype contacts: Lesley
Nush
Office
Paul

SkypeOut contacts: Jenny
Natalie
Nick
Nush
Office
Paul

2. If you perform a search for a contact beginning with N (press **KEY_6** twice), you will see:

Natalie (SkypeOut)
Nick (SkypeOut)
Nush (Skype)
Nush (SkypeOut)

Note: it is possible to perform alpha search in all active view modes.

3. While you are on the buddy list if the current active view is set to **Best Buddies** or **Show All** and buddies' status have changed from online to offline, away to online, etc... you will see the specific buddy status (status icon) changing in real time, without buddy moving from its location on the buddy list.

4. However, for **Online Only** view if a buddy's status has changed from online to offline - you will see his status icon refreshed to offline but he will not be removed from your active buddy list view until the next time you enter the buddy list.

Another case is where another buddy comes online while you are viewing the **Online Only** buddy list - you will only see him online on your buddy list the next time you enter the buddy list.

To set your Active View:

1. At your buddy list view (screen F1), press **Options (KEY_SOFT_1)**.

2. Scroll to **Active View** and press **Select (KEY_SOFT_1)**.

You are offered the following options:

- **Best Buddies** to show only your best buddies
- **Online Only** to show online only buddies
- **Show All** to show all buddies, online or offline

3. Scroll to your preferred view and press **Select (KEY_SOFT_1)** to confirm. The handset will return to your selected buddy list view.

4. If **Best Buddies** is selected then the next time you access the buddy list you will see only your best buddies on the buddy list. The same applies if **Online Only** or **Show All** was selected.

5. When there is no best buddy set at PC or handset you will not be allowed to set **Best Buddies** as your active buddy list view.

If the option is selected - the handset will prompt "**Buddy List Empty !**" (see screen F7). The buddy list view will not change and remain as your previous setting.

6. If your current active view is **Best Buddies** and for some reason you have remove all your best buddies from your best buddies list either through your iVo PC window or via the handset menu so your best buddies buddy list becomes empty - your active view will default back to **Show All** view.

7. However, you are allowed to set your active buddy list to **Online Only** even if there is no buddy online at the time of setting.

If the option is selected - the handset will prompt "**No Buddies Online**" (see screen F16). **Back (KEY_SOFT_2)** will take you back to the idle display.

The next time you enter the buddy list you will see your Online Only buddy list, if there are any buddies online.

8. SkypeOut numbers are treated as online buddies so they will always show on **Online Only** buddy list.

9. The default setting shall be **Show All** active view with all buddies list alphabetically.

VOICEMAIL



The handset allows you to check your voicemail and let you make the call back from the voicemail list.

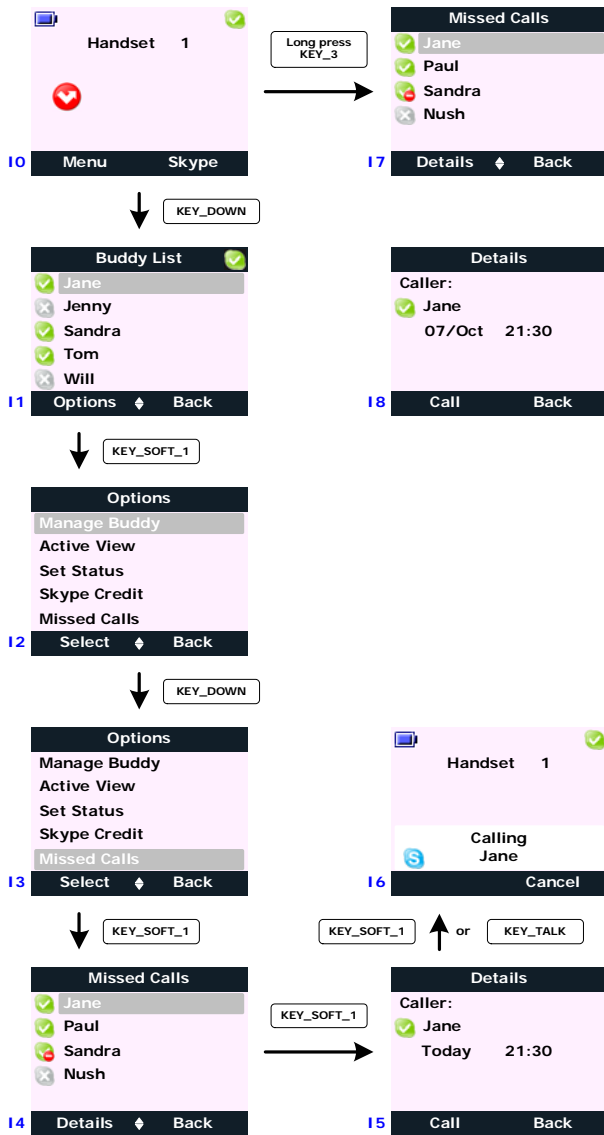
When a new voicemail is left - the reminder icon will appear on the handset idle display and the event indicator LED on the handset and base will flash.

By entering the **Voicemail** list will remove the reminder icon from the idle display and the handset and base event LED will stop flashing.

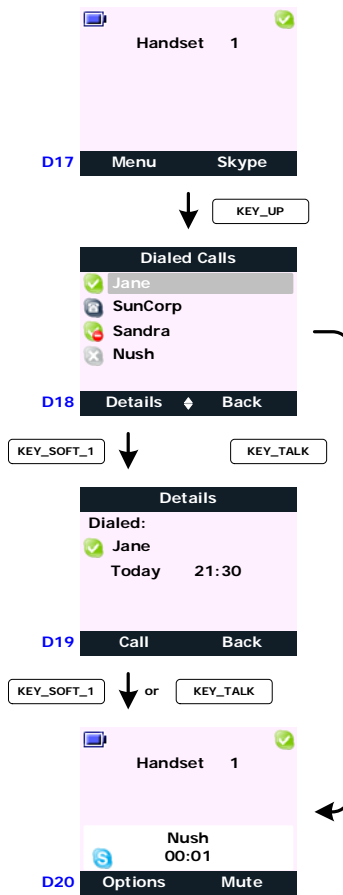
To check for new Voicemail:

- At your buddy list view (screen J1), press **Options** (KEY_SOFT_1).
- Scroll to **Voicemail** and press **Select** (KEY_SOFT_1).
The handset will display your voicemail list.
Or if you are in Skype mode, press and hold **KEY_1** to go to your Skype voicemail list.
- New voicemail entries are marked with a NEW VOICEMAIL icon (see screen J4).
The NEW VOICEMAIL icon is only removed when the voicemail has been played.
- Press **Options** (KEY_SOFT_1), **Play** is highlighted.
- Press **Select** (KEY_SOFT_1) to play selected voicemail.
- During playback press **Stop** (KEY_SOFT_1) to stop the playback (see screen J6).
- During playback press **Back** (KEY_SOFT_2) to return to your voicemail options list.
- When viewing voicemail details - if the voicemail was from today it will display **Today** in the <date> field.
- When viewing voicemail details - if the voicemail was from yesterday or the day before it will display the date and month in DD/MMM format.
- The time format shown on the voicemail Details screen will follow the setting of the time format set on your PC.
- If the time format is set to 12-hour on your PC then the handset will display **a** (for am) and **p** (for pm) next to the time.
- It is possible to delete a voicemail via the Options menu (see screen J17 - J19).

MISSED CALLS



DIALED CALLS



The handset allows you to check your missed calls and let you make the call back from the missed calls list.

When a call is missed the reminder icon will appear on the handset idle display and the event indicator LED on the handset and base will flash.

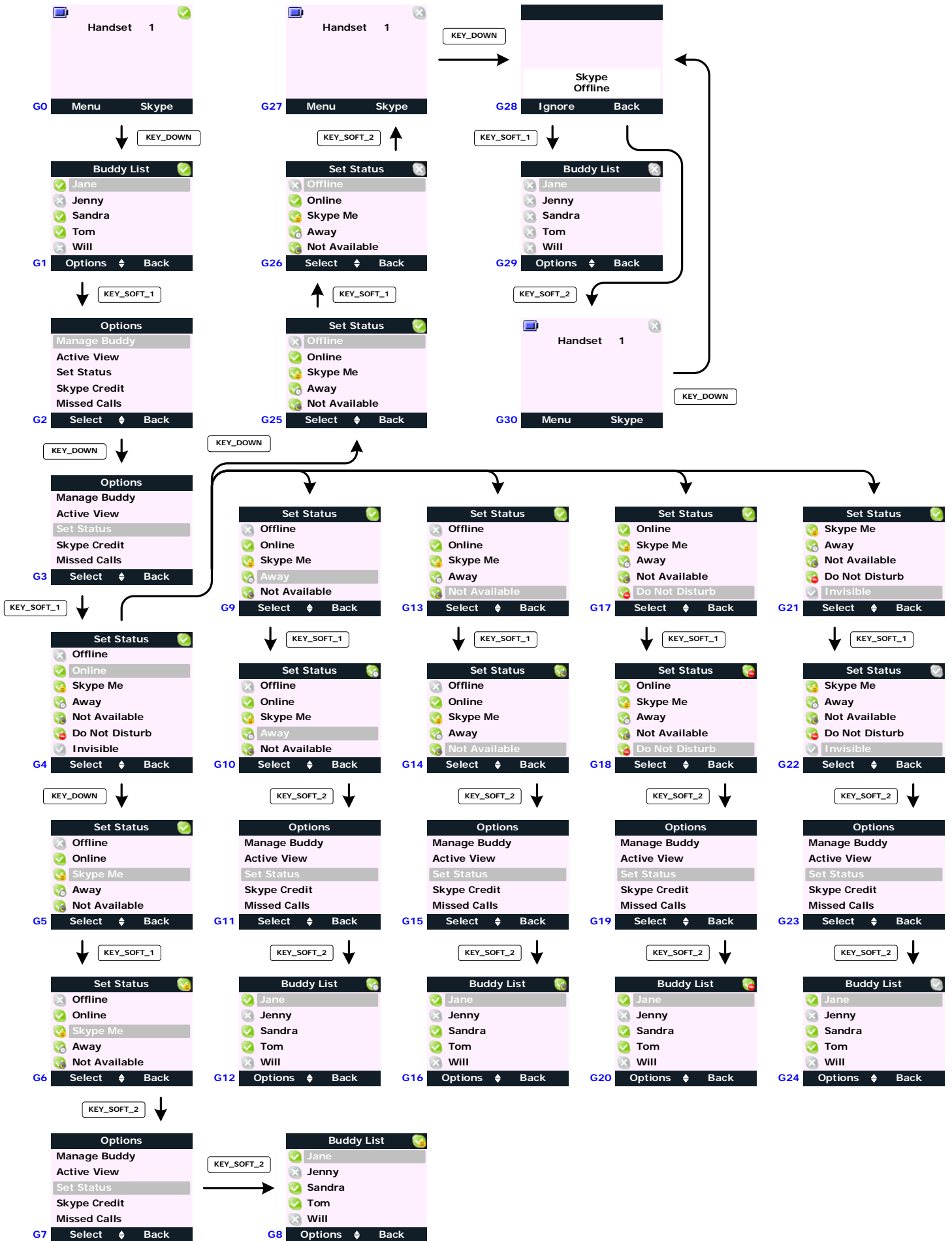
By entering the **Missed Calls** list will remove the reminder icon from the idle display and the handset and base event LED will stop flashing.

To check for new **Missed Calls**:

1. At your buddy list view (screen I1), press **Options** (KEY_SOFT_1).
2. Scroll to **Missed Calls** and press **Select** (KEY_SOFT_1).
The handset will display your new missed calls list.
Or if you are in Skype mode, press and hold KEY_3 to go to your Skype new missed calls list.
3. Press **Details** (KEY_SOFT_1) to see call details - this is the date and time that the call is received.
4. When viewing missed call details, if the missed call is from today it will display **Today** in the <date> field.
5. When viewing missed call details, if the missed call was from yesterday or from the day before yesterday it will display the date and month in DD/MMM format (see screen I8).
6. The time format shown on the voicemail Details screen will follow the setting of the time format set on your PC.

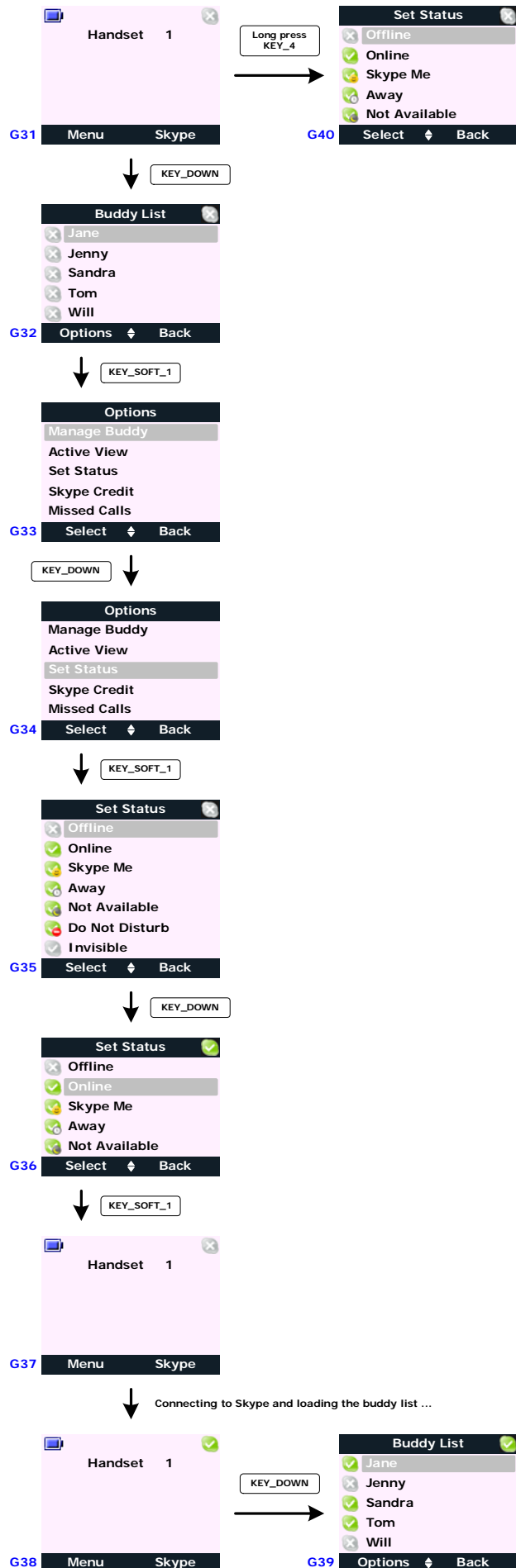
If the time format is set to 12-hour on your PC then the handset will display **a** (for am) and **p** (for pm) next to the time.

SET STATUS



SET STATUS (cont.)

Changing your status from Offline:



To set your Skype status:

1. At your buddy list view (screen G1), press **Options** (KEY_SOFT_1).
2. Scroll to **Set Status** and press **Select** (KEY_SOFT_1).

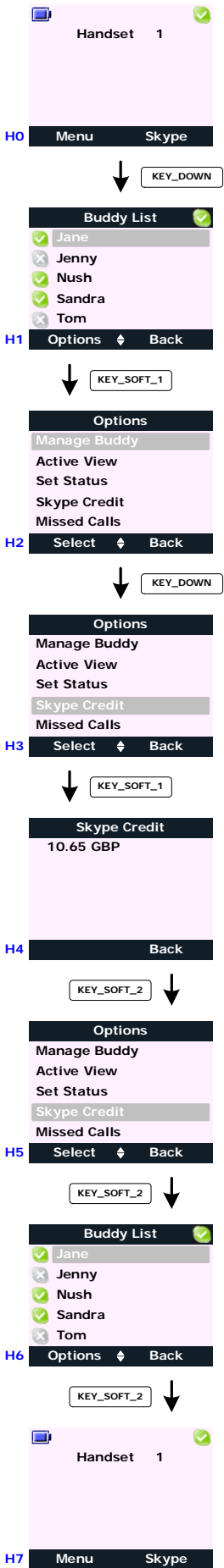
You are offered the following options: - **Offline**
 - **Online**
 - **Skype Me**
 - **Away**
 - **Not Available**
 - **Do Not Disturb**
 - **Invisible**

3. Scroll to your new status and press **Select** (KEY_SOFT_1) to confirm.

Your status icon on the menu title bar will refresh to reflect your new status.

4. However, when changing your status from **Offline** to any other Skype status - the handset will return to the idle display while Skype is reconnecting (see G35 - G39).
5. iVo user's status behaviour should follow that of Skype, for example, when set to **Do Not Disturb** the phone should not ring for incoming Skype calls and Skype chats but instead present the reminder icons.

SKYPE CREDIT



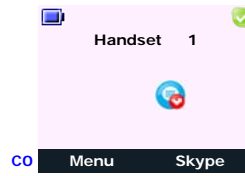
To check available *Skype Credit*:

1. At your buddy list view (screen H1), press **Options** (**KEY_SOFT_1**).
2. Scroll to **Skype Credit** and press **Select** (**KEY_SOFT_1**).

Your Skype credit is displayed. If you do not have Skype credit then the display will prompt **No Skype Credit** (see screen H8).

Note: You can only view available credit. To buy more credit, click Buy Skype Credit on your PC Skype window.

CHAT ALERT



The handset is able to notify you when a new chat is received.

When a new chat arrives, the handset will display the missed chat icon. The missed chat icon is removed once you have interacted with all the new incoming chat on your PC.

SHORTCUT TO YOUR SKYPE SETTINGS

The following shortcuts are available on your handset:

- Long press on KEY_1 → to access Skype voicemail list
- Long press on KEY_3 → to view new Skype missed calls
- Long press on KEY_4 → to set your Skype status
- Long press on KEY_5 → to set your active Skype buddy list view
- Long press on KEY_6 → to check available Skype credit