hiptop® 2
Reference Guide

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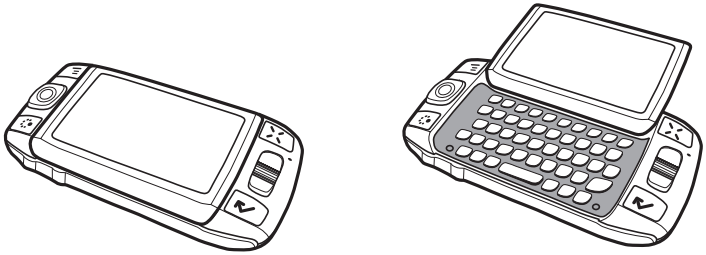
Welcome!

Thank you for buying a hiptop®2 device. Your hiptop will change the way you communicate, get organized, and stay connected.



Your hiptop connects seamlessly to wireless networks, which gives you the ability to browse the Internet, exchange instant messages, send and receive email with image attachments and multimedia messages with voice notes. Other features include a full-featured phone, personal information management (PIM) applications, access to a personal Web portal, entertainment applications, and a built-in camera.

Note For the latest instructions on all the hiptop applications, open the online version of this Reference Guide by clicking **Help** on the Desktop Interface.

Here's what you'll find in the box:

hiptop®2 device

SIM card

Battery charger

Hands-free headset

Carrying case

hiptop Start Guide

hiptop Reference Guide

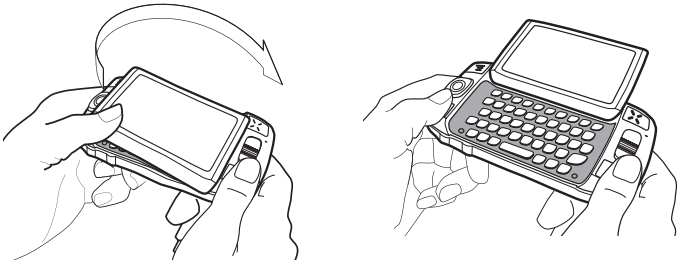
If any of these items are missing, please contact your wireless operator's Customer Care department. Note that you may also find your wireless operator's Service Guide in the box.

Now, let's get started!

I. Device Controls

Opening and Closing the Display

To open the display, press your left thumb on the lower-left corner of the display and gently push up in a clockwise direction. The display will spring smoothly into the open position.



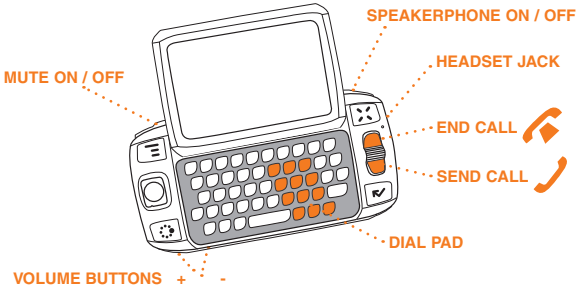
Alternatively, use your right index finger to push down gently on the upper-right corner of the display. The screen will spring into the open position.

The normal operating position of the device is horizontal, with the wheel on the right, as shown above.

To close the display, reverse the motion to pivot the display counter-clockwise and snap it into the closed position.

Warning Do not open or close the display in the wrong direction as this may damage your device. Stop if you feel any resistance; the display should spring smoothly into position. Protect the display from scratches by always using the carrying case to transport your device.

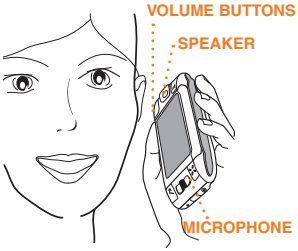
Phone Controls



DIAL PAD Use the keyboard dial pad to dial a number with one hand.

END CALL and SEND CALL buttons During a phone call, press to end the call or to clear the screen of a number you've typed. Press to call the phone number you've typed or highlighted in a list. Press with no number typed to launch a list of recently-dialed numbers.

SPEAKER When using the device as a handset, place the speaker (under the D-pad) to your ear.



HEADSET JACK If using an active headset, press the headset button once to answer a call and a second time to end it. During a call, press once to answer a second incoming call and put the first caller on hold. With two active calls, press the button once to end the foreground call and press again to resume the background call.

MICROPHONE When you are using the Phone, speak into the microphone.

VOLUME buttons The volume buttons are located under the JUMP button. While on a phone call, press + to increase and - to decrease volume. Use the shoulder buttons to turn Mute or Speakerphone on and off.

Control Buttons

WHEEL Pressing the wheel selects a highlighted item or opens a pop-up menu. Rotate the wheel up/down to reverse/advance the current selection through the “selectable” items on a screen, or to scroll up/down a Web page.

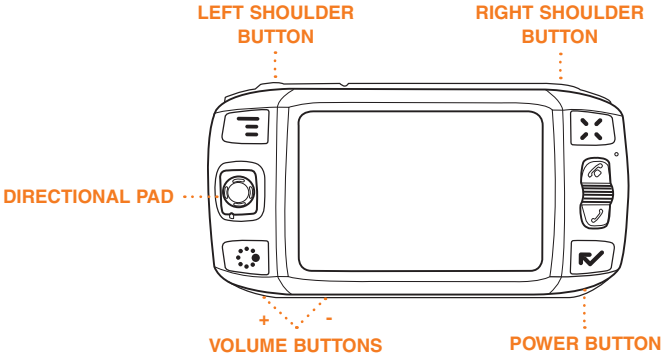
Use the SEND CALL and END CALL buttons while using the Phone. When not on the phone, use these buttons to page up and page down.

DONE button Pressing DONE takes you back through the screens you were previously viewing, until you reach the Jump screen. On a screen or in a dialog box, press DONE to save your changes and dismiss the screen or dialog box. If a menu is open, press DONE to close it.

CANCEL button Pressing CANCEL dismisses any changes you have made to a screen or dialog box.

MENU button Pressing MENU opens a menu of actions you can take on the current screen. If you press MENU and nothing opens, this means there are no menu actions available for the current screen.

JUMP button Pressing JUMP takes you back to the Jump screen, your starting point for launching all the device applications.



DIRECTIONAL PAD (D-Pad) Press up/down/left/right to scroll or move within text fields, and navigate in games. The D-Pad “rocks” into four different directions.

LEFT AND RIGHT SHOULDER buttons The function of these buttons depends on which application you’re using. For example, while using the Camera, the right shoulder button captures a photo. While using the Phone, the left shoulder button toggles Mute, and the right shoulder button toggles Speakerphone.

POWER button Press the Power button for three seconds to turn the device on or off. You can also press the Power button twice (“double-tap”) to power down.

VOLUME buttons While not using the Phone, press and hold **+** or **-** to step through your Sound Profiles.

II. Registration

Before you can start using your hiptop, you must complete the registration steps, as explained in step 3 in the Start Guide. This section of the Reference Guide takes you through the registration process in more detail. Note that these instructions are for **new users** (not returning users). Returning users can simply sign in using their existing username and password.

1 Wait for account activation.

Before you can use your account, your account must be activated. This can take up to 48 hours, but usually takes only 1-3 hours. While you wait, step through the screens that appear. If applicable, you'll be given the opportunity to select your language just before the Welcome screen appears. When you see the Welcome screen, you'll know your device has been activated:

Press the wheel to select the **New User** button and advance to the next screen. On subsequent screens, select the **Next** button to advance.

2 Type your first and last names.

Use the keyboard to type your **First** name, then rotate the wheel to highlight the **Last** name field. Type your last name, scroll to highlight the **Next** button, then press the wheel to advance to the next screen.

3 Select a username.

The username you select will be the first part of your email address (for example, username@example.com). Before you select a username, read the following guidelines:

- Usernames must start with an alphabetic character (A-Z) and can include numbers and underscores (_), but no other punctuation.
- Usernames must be at least two but not more than 32 characters long.
- Usernames are not case-sensitive. For example, if your username is “bridget”, you will be authenticated if you sign in by typing “Bridget”, “BRIDGET”, or any combination of upper or lower case letters.

Once you decide on a username, type it in the text box on the screen:

4 Select a password.

Select a password that follows the rules below then type it in the text box:

- Passwords must contain 4-15 characters, **can** include both letters and numbers, but **no** spaces, single quotes (‘), semicolons (;), backslashes (\), or percent signs (%).
- Passwords are case-sensitive. For example, if you set your password to be “Hard2Guess”, then you will **not** be authenticated if you sign in by typing “hard2guess”.

After you type your password, type it again to confirm.

5 Select your time zone.

Open the pop-up menu to see a list of time zones. Select yours from the list, then select **Next**.

6 Select a “secret question” and type your answer.

If you ever forget your password, you’ll need to contact your operator’s Customer Care representative. For security purposes, they will ask you to provide an answer to the “secret question” you select on this screen. Press the wheel to open the **Question** pop-up menu, scroll to highlight a question, then press the wheel to select it.

Rotate the wheel to highlight the **Answer** field, then type your answer.

7 Read and agree to the end-user agreement.

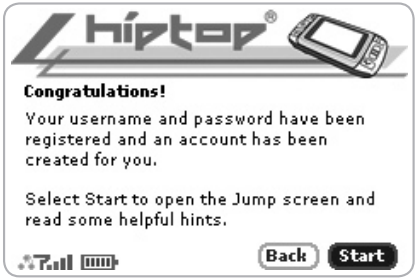
Before you can finish registration, you must read and agree to the end-user agreement. You can read it in a number of places: by selecting the on-screen **View Agreement** link, in the Legal Information included in the box, or from the Desktop Interface. Once you read the end-user agreement, select the **Next** button to indicate your acceptance and transmit your registration data.

8 Wait while data transmits.

Wait while the data you entered in Registration transmits to your wireless operator. The service will check to see if your username has already been taken. If it has, you will be offered alternatives. You can either pick one of these alternatives or type a different username. Note that If you are out of network coverage, you'll be asked to "try again" to resume registration.

9 Congratulations!

Once your account has been set up, you'll see the Congratulations screen:



Select the **Start** button to proceed.

10 Read the hints.

Before going to the Jump screen, take a minute to step through the hints that appear. After reading each hint, select **Next** to advance. Select **Done** at any time to dismiss the Hints screen and reveal the Jump screen. You can always open these hints later from the Jump screen menu.

III. Device Basics

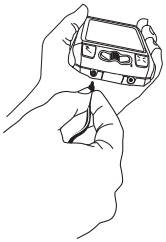
Battery Charger

Your device comes with a built-in rechargeable lithium ion (Li-Ion) battery. The battery should be fully charged when you receive your device, but if it isn't, follow the instructions below to charge the battery.

Warning Only use the battery charger provided with your device to charge your battery, or you risk damaging your device.

1 Attach the battery charger to your device.

Locate the battery charger that came with your device in the box. Insert the charger lead (the small round end of the adapter) into your device's power jack (the small round hole located on the lower right side of your device) and plug the power cord into a standard electrical wall outlet.



A lightning bolt icon will appear over the battery icon (in the title bar), indicating the charger is connected and the battery is charging. Note that if your device has discharged completely, it may take up to 15 minutes before you see any indication of charging on the screen.

2 **Let the device charge for at least four (4) hours.**

Rest the device in a safe place and let the battery charge for at least four hours, or overnight, to ensure maximum battery life. As the device is charging, you will see the bars in the battery icon fill repeatedly from left to right in an animated fashion. When your device is fully-charged, the lightning bolt icon will disappear and the bars will stop moving and remain in the filled position.

Tip For efficient operation, charge your device nightly. If you plan to leave your device unattended for an extended period of time, be aware that the battery will discharge after two days if it is turned on and not attached to the charger. If your device does fully discharge, simply attach it to the charger; all your data will be restored from the service.

USB Port

The USB port is located under a cover between the power jack and headset jack on the right side of your device. Although the current hardware version of the device has a USB port, it is primarily used by developers as they create new device applications, ringtones, and services. There are no immediate plans to expand the functionality of the USB port.

Wrist Strap Holder

To carry your device securely, use a wrist strap with a flexible loop on one end. (Straps are optional accessories.) Thread the loop under the strap holder and through the “tunnel” on the back of your device, near the Power button.

The Jump Screen

The Jump screen is your entry point to all the device applications.

1 Go to the Jump screen from any screen by pressing JUMP. The Phone splash screen is selected by default.

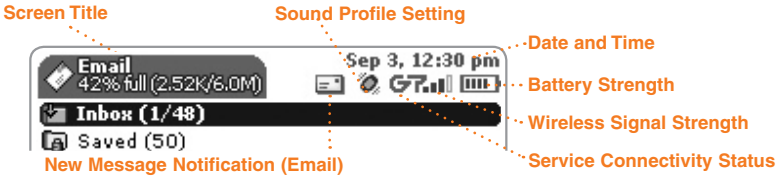
2 Press MENU from the Jump screen to open the Jump screen menu:

From this menu you can open device-wide Settings and Controls screens. You can also Sign In, view Network Status, open Hints, place the device in Key Guard mode, and Power Off your device from this menu.

3 To select a particular application, use the wheel to scroll through the “ring” of application icons. When the application you want is highlighted, simply press the wheel once to open that application.

Title Bar and Indicators

The device display indicators appear at the top of your screen at all times.



Wireless signal strength indicator. The number of signal bands showing to the right of the radio tower icon represents the strength of the signal at your current location. If you see an X flashing over the radio tower icon, you've temporarily lost network connection.

Service connectivity indicators. One dot = device is connecting to the GPRS network, two dots = getting IP address; three dots = connecting to the data service; "G" = fully connected to the data service.

GSM (Phone) service only. A phone icon in the place of the "G" means you are using (or only have access to) GSM phone service. If you have a call in progress you'll also see a timer.

Battery indicators. The number of bars showing in the battery icon represents the charge remaining in the battery. When connected to the charger, a lightning bolt appears, and when your battery is almost out of charge, an exclamation point appears.

3:40 **Phone call indicators.**
You have a call in progress; in the example, time elapsed is 3 mins, 40 secs. Note that the phone icon blinks. If you have two calls active, the time displayed will be for the foreground call.

Call forwarding is turned on. Your phone will not ring.

Sound Profile setting. When you have sound turned off (“Silent” sound profile), the title bar will indicate whether you have flashing lights or vibration set for alerts or notifications. From left to right, the icons indicate: totally silent (no sound, flashing lights, or vibration), flashing lights only, and vibration only.

Communication services notifications. When you receive a new email, text, IM, picture, or voice mail message, or when a Web page has finished loading, you’ll see a visual “balloon” notification move across the title bar, while you’re in any application except games.

Until you check your new message or go to your Web page you’ll see the appropriate icon in the title bar as a reminder. The examples shown to the left illustrate a pending email message, text message, and loaded Web page.

Menus

Almost every screen on your device has a set of actions you can take while on that screen. These actions are listed in a floating window, called a menu, which you open by pressing the Menu button MENU. Notice that some menu items expand into submenus, as shown with Settings below.

Frequently-used menu items also have keyboard shortcuts that use the Menu button plus a shortcut key. For example, take a look at the menu shown above. To compose a new email message, you could press MENU + N rather than opening the menu and selecting **New Message** with the wheel.

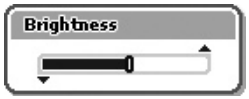
Device Settings

Sound and Display Controls

To silence your device and adjust the system and phone sound volume, open the Sound Controls by pressing MENU + DONE. Select a sound “profile” from the list. Customize profiles from the Jump menu **Settings** > **Sound Profiles** screen.

You can step through your sound profiles quickly by pressing the volume + or - buttons.

To adjust the display brightness, open the Display Control by pressing JUMP + DONE. Press the wheel to open the slider for adjustment.



Backlighting

For better screen visibility in poor light, enable backlighting:

1. Press JUMP to open the Jump screen. Press MENU to open the menu, then select **Settings** > **Battery & Display**.
2. Select the **Automatically turn on when using device** check box to enable backlighting. Select the length of time you want backlighting to stay on from the Turn off after pop-up menu.
3. To use the device's light meter to detect when the backlight is not needed, scroll down and select the **Use backlight only when needed** check box.
4. Press DONE to save your settings.

Key Guard Mode

You can effectively lock the controls by entering key guard mode. By default, your device is set to enter key guard mode after one minute of idle time.

To enter key guard mode, do the following:

1. Press JUMP to open the Jump screen. Press MENU to open the menu, scroll to highlight **Key Guard**, then press the wheel. You can also enter key guard mode quickly by pressing and holding DONE for two seconds.
2. Your device control buttons lock and the key guard screen appears.
3. To unlock and wake the device, press MENU + DONE. If you have set a privacy code (see next section), type it at the prompt. You can also wake the device by opening the screen.

To prevent display damage, after your device has been in key guard mode for two hours, a screen saver will appear. To dismiss the screen saver, press any key or open the device.

To change the default key guard idle time setting:

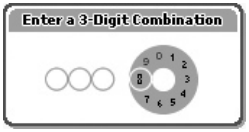
1. Press JUMP to open the Jump screen. Press MENU then select **Settings** > **Key Guard & Security**.
2. In the first section of the Key Guard & Security screen, “Key Guard”, the key guard idle time pop-up is selected by default. Press the wheel to open the pop-up. Highlight a “guard” time, then press the wheel to select it.
3. Press DONE to save your settings and return to the Jump screen.

Note Your device will still receive calls and messages while in key guard mode.

Device Privacy Code

If you want to secure your device from unauthorized access once your device has gone into key guard mode, you will first need to set up a privacy code:

1. Press JUMP to open the Jump screen. Press MENU then select **Settings** > **Key Guard & Security**.
2. On the Key Guard & Security screen, scroll down to highlight Turn On Privacy..., then press the wheel to select it.
3. Enter a three-digit code using the keyboard or the dial:

   At the prompt, re-enter your code to verify.
4. A “New Combination Enabled” message appears. Select **OK**.
5. Press DONE to save your settings and return to the Jump screen.

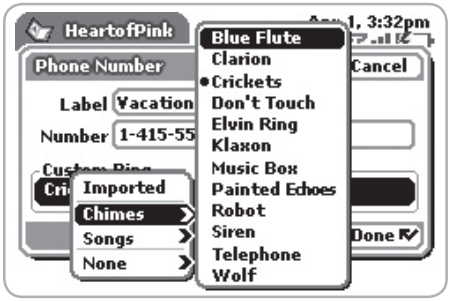
Note You can still make emergency calls from the key guard screen even if privacy code is enabled.

Customization

Your device is designed so you can set up many of its features to suit your preferences. You specify device-wide preferences using the Settings screens accessed from the Jump screen menu.

You can also customize many of the applications, including the following:

- Setting your favorite Web home page (Web Browser)
- Selecting individual Caller ID icons or photos (Phone/Address Book)
- Creating your own categories and labels for identifying contact information (Address Book)
- Setting different ringtones for individual callers (Phone/Address Book)



You specify most application-specific preferences using the application Settings screens: From the Jump screen, open any application (Web Browser, Instant Messaging, Email, and so on). Then, from within the application, open the menu and select **Settings** to open these screens.

Tip If you see a musical note ♩ next to a menu item, you'll know that's where you customize that application's ringtone setting.

Default Locale Setting

If you need to change the default locale used on your device, you can do so from the Locale Settings screen:

1. Press JUMP to open the Jump screen. Press MENU to open the menu, then select **Settings > Locale**. The Locale screen appears.
2. All available languages (locales) are listed in the **Language** pop-up menu. Select the language you wish to set as your default. If your pop-up menu is dimmed, then you have no other languages available.

Note Your device must restart before a language change will take effect!

3. In the **Keyboard Mapping** pop-up, select a language (locale) to which you want your keyboard mapped. If you change the mapping, what appears on the screen when you type may no longer correspond to the characters printed on your keyboard. If this pop-up menu is dimmed, then you have no other mappings available.
4. Press DONE to save your setting and dismiss the Locale screen. Your device will restart if you have changed your default language.

Typing and Editing Text

It's easy to type and edit text in any text box using the keyboard and the advanced text editing features described below.

Navigating in Text Boxes

Use the Directional Pad to navigate within a text box:

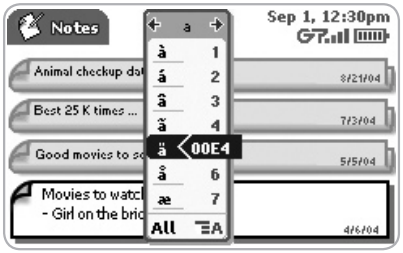
- Press the up/down and left/right arrows to move in those directions between characters in a text box.
- Press the ALT button while using the D-pad up and down arrows to jump to the top or bottom of a text box.
- Press the ALT button while using the D-pad left and right arrows to jump to the beginning or end of a line of text.

Deleting Text

- To delete a character to the left of the cursor, press the DEL key ⌫.
- To delete a character to the right of the cursor, press SHIFT + ⌫.
- To delete all the characters on one line, press ALT + ⌫.

Entering Special Unicode Characters

To enter special Unicode characters in any text box, press the **SYM** key. The Special Character selector opens, displaying special characters alphabetically.



Use the D-pad to navigate through the list: left-right to flip through the Favorites, Recent, alphabet, and symbol sets; up-down to select specific characters. Press the wheel to insert a highlighted character. Here are some useful tips in using the Special Character selector:

- With the selector open, you can show the same characters capitalized by pressing **Shift** + the character (like “a”). Toggle back to lowercase by pressing the letter again.
- To see all special characters, select **All** (at the bottom of the selector) or use the menu shortcut MENU ☰ + **A**, and the grid expands.
- To open a character set for a specific letter, press **SYM** + the letter.
- To type a character using its Unicode value (hover over a selection in the selector for two seconds to see code), press **SYM** + **Spacebar** (press the keys simultaneously), then type the 4-character Unicode value.

Cut, Copy, Paste

To cut, copy, or paste text you have typed, follow these instructions:

1. Position your text cursor next to the text you want to cut or copy. (Use the arrows on the D-pad to position the text cursor.)
2. Hold down the Shift key while pressing a D-pad arrow. As you select text, it is shown highlighted. (To de-select, release the Shift key and press a D-pad arrow.)
3. Press MENU and select **Edit Text** to open the Edit Text submenu, or simply press and hold the wheel to open the Edit Text context menu. Select the operation you want to perform on the selected text. Note the standard shortcuts:
   - Cut MENU + X
   - Copy MENU + C
   - Select All MENU + A
4. You can paste text that you have copied to the device clipboard to any other text box in any application. Simply position your cursor where you want to paste the text, then use the Paste shortcut MENU + V. (You can also open the menu and select **Edit Text** > **Paste**.) Note that the device clipboard only stores one set of copied or cut text at a time.

AutoText

The AutoText feature will help you enter text quickly and accurately. To open the AutoText screen, do the following:

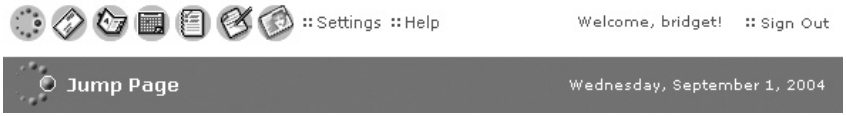
1. Press JUMP to open the Jump screen. Press MENU to open the menu, then select **Settings** > **AutoText**. The AutoText screen appears.
2. The screen offers automatic formatting and word replacement options you can select. Open the menu to create new rules or discard rules you don't like.

IV. The Desktop Interface

The data you store in your device's Email, To Do, Calendar, Address Book, Notes, and Camera applications are also available for viewing or editing on the Web from any computer connected to the Internet. Information in your account is stored on secure servers in a data center protected by extensive physical security and firewalls.

To reach the Desktop Interface, use the Web navigation and sign-in instructions provided in the Start Guide, included in the box.

Once you've signed in, your Jump page will open. Use the Jump page navigation buttons to open the various applications:



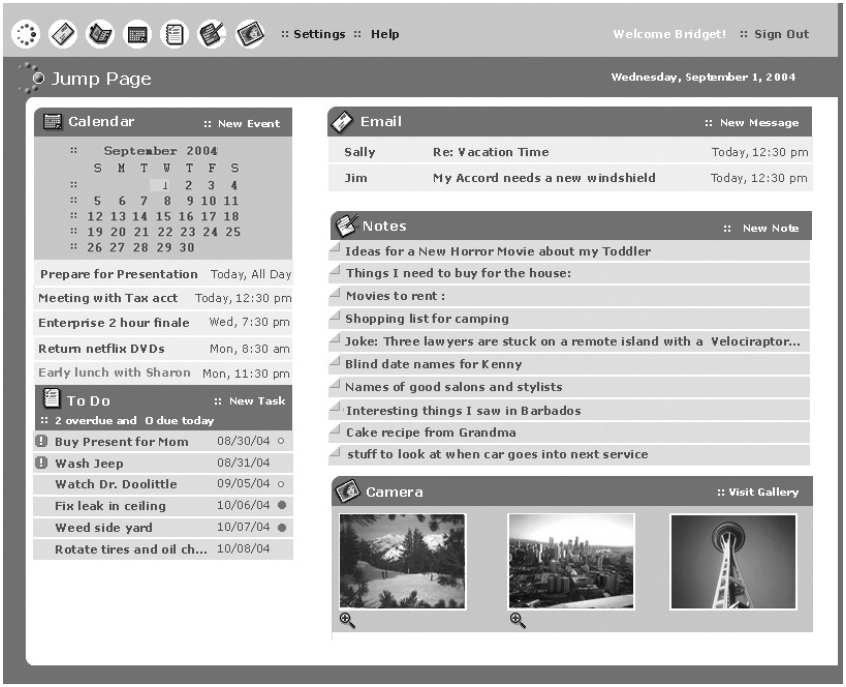
Open the online Help page by clicking the **Help** link.

Import existing contacts from the **Address Book > Import** page. Import existing Calendar events from the **Calendar > Import** page.

To change your default language or time zone, click **Settings** (next to the Help link on the top bar).

Remember! When you've finished using the Web applications, always click the **Sign Out** link to exit the Web site securely.

Desktop Interface Jump Page



V. Using the Applications

The number of applications that appear on your device will vary, depending on those offered by your wireless operator.

Phone

Make a Phone Call

1 Enter the number you want to call by using any of these dialing methods:

- From the Jump screen, press and hold the wheel or press SEND CALL to open your list of speed dials and recently-dialed numbers. Highlight the number, then place the call by pressing SEND CALL.
- From the Jump screen or Phone, open the display and type your number using the keyboard dial pad , or use the numbers on the top row. Press SEND CALL to place the call.
- In the Phone, select to open the on-screen dial pad:

Rotate the wheel to highlight a number, then press to select it. When you've completed the number, press SEND CALL to place the call.
- In the Phone, highlight then select Recent List to open a list of recently-dialed numbers. If the number you want to call is on the list, highlight it using the wheel, then press SEND CALL. The call is placed.
- In the Phone, highlight then select Look Up Contacts to open a list of Contacts and Phone Numbers from your Address Book. Start typing a name to narrow your search. Highlight a number, then press SEND CALL to place the call.

2 To end your call, select the on-screen button End, or press END CALL.

Answer a Phone Call

When your device signals an incoming phone call, the display will show the name of the caller and the icon or photo associated with that caller in your Address Book (see “Add a Contact to the Address Book” on page 40).

1 Press the wheel to select **Answer** or press SEND CALL. Your call connects.

2 To hang up, select End or press END CALL.

Note If you receive another call while you’re on the phone (call waiting), a dialog box will appear, giving you the call details and options for handling the incoming call: select either **Switch Calls** or **Ignore**.

Add a Number to Your Speed Dial List

1 Press JUMP to go to the Jump screen, then press the wheel to open the Phone application.

2 Press MENU to open the menu. Select **New Speed Dial…** to open the New Speed Dial Entry dialog box. You can create **8** speed dial shortcuts.

3 Select a Shortcut Key from the pop-up menu. Only the numbers available will appear in the pop-up menu.

4 Type the speed dial **Name** and **Number**, then select DONE.

5 To dial using the shortcut, from either the Phone application or the Jump screen, simply press and hold the number on the keyboard.

Change Your Phone Ringtone

1 Press JUMP to go to the Jump screen, then press the wheel to open the Phone application.

2 Press MENU to open the Phone menu. Select **Settings** > **General**.

3 Highlight the **Incoming phone call ring** pop-up menu, then press the wheel. The menu reveals the ringtone categories. First highlight a category, then press the wheel to open the ringtones submenu.

As you scroll through the songs, you can preview each song by hovering over it for a few seconds.

4 When you have decided on a ringtone, press the wheel to select it. Press DONE to assign your new ringtone.

Note Assign caller-specific ringtones from the Address Book.

Check Your Voice Mail

1 Press JUMP to go to the Jump screen, then press the wheel to open the Phone application.

2 Press and hold the **1** key (the speed dial shortcut assigned to voice mail) to call your voice mailbox.

3 Follow the prompts to retrieve your messages.

4 To hang up, select End, or press END CALL.

Import Contacts from Your SIM Card

If you already have a SIM card from your wireless operator, you can import the phone numbers you have stored on the SIM card into your device's Address Book. First, insert the SIM card with the contacts into your device, then:

1. Press JUMP to go to the Jump screen. Scroll to highlight **Address Book**, then press the wheel to open the application.
2. Press MENU to open the menu. Select **Settings** > **Import SIM Contacts**.
3. The SIM Import dialog will alert you when the import is complete.

Text Messaging

Send a Text Message

1. Press JUMP to go to the Jump screen. Scroll to highlight **Text Messaging**, then press the wheel to open the application.
2. Press MENU to open the menu. **New Message** is selected by default; press the wheel to go to the Compose screen.
3. Address your message using the recipient's phone number, or start typing their name to bring up Address Book matches. Add more recipients by typing a comma (,) or semicolon (;) in the **To** field.
4. Use the wheel to scroll to the message body; type your message or use one of the Prewritten Messages by selecting the button. To attach a vCard, press MENU and select **Attach vCard**. Select a contact from the list that appears to attach it to your text message.

   If your message is larger than the limit for a single text message (approximately 160 characters), the message will be sent in parts. (When received, it will appear as one message.)
5. When ready to send, either select the **Send** button at the bottom of the Compose screen, or press MENU + M.

Web Browser

Browse the Web

1. Press JUMP to go to the Jump screen. Scroll to highlight **Web Browser**, then press the wheel to open the application.
2. Start typing the address of the Web page you wish to visit. The **Go To** dialog box opens automatically, showing the address you are typing.
3. The characters you type appear in the top field of the Go To dialog box. Possible URL matches, and the option to search for the text you type, appear in the drop-down menu.
4. To go to a Web page, you can either finish typing the complete URL in the Go To dialog box then press Return; or, rotate the wheel to highlight a suggested URL in the drop-down menu, then press the wheel.

Tip To open Web pages faster, press MENU and select **Settings**. Scroll down the Settings screen and clear the “Show pictures in Web pages” check box.

Bookmark a Web Page

1. Open the Web page you want to bookmark.
2. Press MENU + N to open the Add Bookmark dialog box.
3. Edit the bookmark name if you wish, verify the URL and select a folder in which to store the bookmark from the **Folder** pop-up menu. (If you select **New Folder…**, you’ll be prompted to give the folder a name.)
4. Press DONE to save the bookmark.

Note If you find a Web address (URL) that cannot be displayed on your device, send a message to **WebURL@hiptop.com**. In the message, include the Web address and the problem you experienced when trying to go to the URL, including any error messages you received. The problem will be investigated.

Email

Send an Email Message

1 Press JUMP to go to the Jump screen. Scroll to highlight **Email**, then press the wheel to open the application.

2 Press MENU to open the menu. **New Message** is selected by default; press the wheel to go to the Compose screen.

3 The text cursor is in the **To** field; type the name or email address of the person to whom you wish to send an email. If you type a name, the Address Book will try to pull the correct email address from your contact data. Add more **To** fields by typing a comma (,) or semicolon (;).

4 Scroll to the **Subject** field and type the subject of your email.

5 Scroll to the message body and type your message.

Tip To delete text in the forward direction, press the SHIFT+DEL keys together. To delete the current line of text, press the ALT+DEL keys together.

6 When ready to send, either select the **Send** button at the bottom of the Compose screen, or press MENU + M.

Fetch Email from External Accounts

When you register your device account, you automatically receive an email account that you can use immediately on either your device or the Email application on the Desktop Interface. In addition, you can fetch email from up to three external POP3 or IMAP email accounts.

At this time, email from MSN Hotmail® and email servers that are protected by a firewall do not allow email to be fetched by other servers. You can, however, check some Internet email accounts by using the Web Browser, as described in “Fetch Email Using Your Device’s Web Browser” on page 39.

The instructions below explain how to use your device to fetch email from external accounts. Note that you can also set up accounts from the Email application on the Desktop Interface.

1. Press JUMP to go to the Jump screen. Scroll to highlight **Email**, then press the wheel to open the application.
2. If you want your external email messages to be fetched to a new email folder, press MENU then select **New Folder** to create the new folder.
3. Press MENU then select **Settings** > **Accounts** to open the Accounts screen.
4. On the Accounts screen, press MENU then select **New Account** to open the New Account screen.
5. Type your email account information in the fields on this New Account screen. Read the sections below for more details on each field.

Protocol pop-up menu - Select the protocol your mail server uses or the type of account from this pop-up menu. Select **Auto-detect** if you don't know which one to pick. Note that if you select a specific account type, then the next two fields (mail server name and port value) will fill in automatically.

Mail Server field - If the mail server name is not provided automatically after you have selected the account protocol, then you must provide the name of the mail server in this field. Many people don't know the name of their mail server. If you don't, your email provider will be able to tell you, or you can refer to the following table for samples.

Tip

Some popular Web-based email providers and their Mail Server names are provided below for your convenience. If you have an email account through your ISP, contact them for assistance. Some ISPs require additional configuration or charge a fee to download email.

Web Email Provider	***Mail Server Name***
Yahoo!® Mail	pop.mail.yahoo.com
Mail.com	pop1.mail.com
Softhome.net	mail.SoftHome.net

Port field - Unless your email provider has specified otherwise, do not alter this value. Note that if you have selected a specific account type from the **Type** pop-up menu, the correct port value will be supplied automatically.

Username and Password fields - Type your email account username and password.

Email Folder pop-up menu - Select the folder to which you want your account email delivered.

6 When you've completed all the fields on the screen, select the **More Options** button at the bottom of the screen.

7 In the **General** group box, the **Collect email from this account** check box is selected by default. If at any time you want to stop fetching messages from this account, simply clear this check box.

If you want to **Remove retrieved email from server** after it is fetched to your device, select this check box.

8 Scroll to the bottom of the screen, past the account information you have already provided, to the **From Name** field:

If you leave these fields blank, your default POP or IMAP account name and address will be used. Specify alternative names or addresses in these fields as you wish.

9 Select the **Copy Outgoing Messages** check box to have every message sent from this account copied to another email address. Specify either CC or BCC (from the pop-up menu), then type the email address in the field.

10 Save your information by selecting **Create**; or simply press DONE.

11 Wait to send messages from this email account until you receive a confirmation message on the Email Accounts screen.

Fetch Email Using Your Device's Web Browser

If there is a Web interface to your email account, you can use your device's Web Browser application to sign in to those accounts and check your email.

Some popular email Web sites are listed below:

- Yahoo!® Mail – http://mobile.yahoo.com/home
- AOL Mail℠ – http://dmail.aol.com
- MSN Hotmail – http://mobile.msn.com/hm/folder.aspx

Press MENU + K to open the Bookmarks screen; some sites may have been bookmarked for you. To go directly to an email Web site, do the following:

1. Press JUMP to go to the Jump screen. Scroll to highlight **Web Browser**, then press the wheel to open the application.
2. Begin typing the URL for your Internet email account. Your entry will be inserted in the **Go To** dialog box automatically.
3. Press the wheel to go to the Web site's sign in page.

Attach a Photo to an Email Message

1. Press JUMP to go to the Jump screen. Scroll to highlight **Email**, then press the wheel to open the application.
2. Press MENU + N to open the Compose screen. Complete the To, Subject, and Message fields.
3. Press MENU + P to open your Photo Gallery. Rotate the wheel to highlight, then press to select a photo to send. You can select multiple photos. All selected photos will have check marks.
4. When you've finished selecting photos, open the menu and select **Use Checked** or press DONE.
5. Your email message returns to the screen, including attached photos. Select the **Send** button or press MENU + M when you're ready.

Address Book

Add a Contact to the Address Book

You can store up to **2000** contacts in your Address Book.

1. Press JUMP to go to the Jump screen. Scroll to highlight **Address Book**, then press the wheel to open the application.
2. Press MENU to open the menu. **New Contact** is selected by default; press the wheel to go to the New Contact Identity screen.
3. To create a contact, you only need to type basic “identity” information: a **First** or **Last** name. On this screen you can also provide a **Middle** name and a **Nickname**, as well as select an icon.
4. To select an icon, rotate the wheel up to highlight , then press the wheel to open the icon selector. Rotate the wheel to highlight the icon you want, then press the wheel to select it.

   To assign a **Photo Caller ID** icon, select from the icon selector, which will open your Photo Gallery. Then, from the Gallery:

   - To select a photo already in your Gallery, rotate the wheel to highlight the photo you want to associate with the contact, then press the wheel to select it (a check mark will appear under the photo). Press DONE.
   - To capture a new photo, press . Compose your photo, press to capture, then DONE to save it. Press DONE again to view the Gallery. Select the photo (a check mark will appear under the photo). Press DONE.

   A smaller version of the photo now appears on the Identity screen and will be used to identify that contact on incoming call notifications.
5. When finished with the Identity screen, select DONE. You advance to the next New Contact screen, in which you can type or select additional contact information.

6 Scroll through the New Contact fields (Personal Info, Phone, Email, and so on), selecting **Add** or **Edit** to open screens in which you can add contact information. You can set a custom ringtone for your contact in the Phone number screen!

Tip To select a choice from a pop-up menu, such as Family, highlight the menu using the wheel, then press once. The menu opens. Scroll through the list of options and highlight the option you want. Then press the wheel to select the option.

7 When finished, press DONE to save your new contact information.

Import Address Book Contacts

If you have a SIM card from your wireless operator with contact information stored on it, you can import that information to your device by following the instructions in “Import Contacts from Your SIM Card” on page 33 of this guide.

If you have existing contact information stored in a Personal Information Management (PIM) application, you can import that data to your Address Book on the device and Web. To do this, first go to your Address Book on the Web:

1 Go to your desktop or laptop computer and sign in to the Desktop Interface by following the instructions on the back of your Start Guide.

2 Your Jump page opens.

3 From your Jump page, click **Address Book**. The Address Book application displays.

4 Click **Import** in the sidebar. The Import page opens.

5 The Import page includes step-by-step instructions for completing

the import process. The following file types (exported formats) can be imported:

- Microsoft Outlook for PC (.txt file)
- Microsoft Outlook Express for Mac (.txt file)
- Microsoft Entourage for Mac (.txt file)
- Palm Desktop for PC (.txt/.tab file)
- Palm Desktop for Mac (.txt/.tab file)

6 After you click the **Import** button, your contacts are imported to your Web Address Book then sent to your device via the network. Make sure your device has a wireless connection; then, after 2-3 minutes, check your device to confirm that your new contacts have arrived (assuming you are connected to the service).

Calendar

Add an Event to Calendar

You can create and store up to **1000** events in Calendar.

1 Press JUMP to go to the Jump screen. Scroll to highlight **Calendar**, then press the wheel to open the application.

2 Press MENU to open the menu. **New Event** is selected by default.

3 Press the wheel to go to the Event Details screen.

4 Name your event, enter a location, assign a duration, add repetitions, reminders, and notes as applicable.

5 Press DONE to save the event. It will now appear on your Upcoming (if it's scheduled within the next five days), Daily, Week, or Month views.

6 To view your schedule, select one of the "Views" from the menu: Upcoming (next five days), Day, Week, Month, Year, or Trash.

Notes

Create a Note

You can create and store up to **50** notes. Each note can be up to **8000** characters, which is about four pages in a paperback.

1. Press JUMP to go to the Jump screen. Scroll to highlight **Notes**, then press the wheel to open the application.
2. Press MENU to open the menu. **New Note** is selected by default.
3. Press the wheel to open a blank note. Type your note; it is saved as soon as you type it.
4. Press the wheel to fold your note; press again to unfold. Notes must be unfolded before you can edit them.

To Do

Add a Task

You can create and store up to **50** To Do tasks.

1. Press JUMP to go to the Jump screen. Scroll to highlight **To Do**, then press the wheel to open the application.
2. Press MENU to open the menu. **New Task** is selected by default.
3. Press the wheel to open a blank task screen.
4. Fill in your task information.
5. Press DONE to save the task.

Camera

Take a Photo

You can create and store up to **36** photos in your Gallery.

1 Press JUMP to go to the Jump screen. Scroll to highlight **Camera**, then press the wheel to open the application.

2 Press MENU and select **Capture New**, or simply press the right shoulder button. The screen now acts as the “viewfinder”.

3 To set the flash, open the pop-up menu and select a flash setting. Use “Normal” for no flash (the default setting), “Flash” for regular flash, “Night” for a slower shutter speed with no flash, and “Lowlight Flash” for slower shutter speed plus flash.

Tip To take a photo of yourself, center your image in the small mirror on the back of the device and press the right shoulder button to capture. Remember the “right shoulder button” will be on your left as you’re looking at the back of the device.

4 Press the right shoulder button or select to take your photo.

5 Check the photo preview on the display: select CANCEL to discard it; select to send the photo to an email or phone number (multimedia message) and save it to your Gallery; or select DONE to save it to your Gallery without sending it.

6 To view your Photo Gallery, open the menu and select **View Gallery**.

Send a Photo by Email or Multimedia Message

In addition to being able to send a photo immediately after capture (read “Take a Photo”, step 5 above), you can attach one or more photos in your Gallery to either an email message or a multimedia message while composing. For instructions, read “Attach a Photo to an Email Message” on page 39, and “Send a Multimedia Message” on page 48.

Catalog

Purchase Items from the Catalog

Download ringtones, applications, games, and more from the Catalog! You'll find that browsing the Catalog and purchasing items is easy and fun:

1. Press JUMP to go to the Jump screen. Scroll to highlight **Catalog**, then press the wheel to open the application.
2. Wait while the latest Catalog contents load... then use the wheel to scroll through the categories. The categories are organized like the Jump screen in a "ring" on the left, with each category's splash screen on the right. Highlight, then press the wheel to open a category's Browse Items screen.
3. Individual items are grouped into folders. Highlight a folder then press the wheel to open a folder's items. Once you find an item you're interested in, highlight the item then press the wheel to open the Item Details screen:

4 To listen to a brief sample of a ringtone or view sample screen shots of an application before you purchase it, select the **Preview** button. Select **Purchase** to step through the simple on-screen purchase process.

5 Once purchased, your item will be downloaded to your device, network connectivity permitting. You'll be notified once the download is complete. Note that applications require "installation", an automatic process that does involve a restart of your device.

6 If your item is not delivered immediately, you can check the download process from the Purchases screen, described below.

Manage Your Purchases

To remove a purchased item, check the download status of a purchased item, or view a list of all the purchases you have made through the Catalog (including details such as price, subscription term, upgrade information) go to the Purchases screen:

1 Press JUMP to go to the Jump screen. Scroll to highlight **Catalog**, then press the wheel to open the application.

2 Scroll down to **Purchases**, then press the wheel to open the Browse Purchases screen.

3 All your purchases are listed on this screen, organized into folders by categories. Highlight a folder then press the wheel to reveal the items within.

4 Items currently being downloaded are shown in italic: *Call Me Crazy*
To view item details, highlight the item then press the wheel. To discard any highlighted item permanently, press MENU then select **Discard**.

WAP Browser

This feature is not available in all product configurations. Product configurations vary by wireless operator.

Browse WAP Pages

1. Press JUMP to go to the Jump screen. Scroll to highlight **WAP Browser**, then press the wheel to open the application.
2. Start typing the address of the WAP page you wish to visit. The **Go To** dialog box opens automatically, showing the address you are typing.
3. What you type appears in the top field of the Go To dialog box. Possible URL matches and the option to search for the text you type appear in the drop-down menu.
4. To go to a WAP page, you can either finish typing the complete URL in the Go To dialog box then press Return; or, rotate the wheel to highlight a suggested URL in the drop-down menu then press the wheel.

Receive WAP Messages

WAP messages are really just pointers to WAP pages that the sender of the message wants you to visit. If you have any unread messages, they will be listed on your WAP Browser splash screen. To open a WAP message, do the following:

1. Press JUMP to go to the Jump screen. Scroll to highlight **WAP Browser**, then press the wheel to open the application.
2. Press MENU then select **Bookmarks** to open the Bookmarks screen. The first folder is **WAP Messages**. Rotate the wheel to highlight the folder, then press to list the messages.
3. To read a WAP message, rotate the wheel to highlight the message, then press the wheel to open it. WAP messages usually contain a link to a WAP page. Select the link to open the page.

Multimedia Messaging

This feature is not available in all product configurations. Product configurations vary by wireless operator.

Send a Multimedia Message

Each message you create can contain up to three multimedia slides, with each slide containing a text, sound (voice note or song), and picture attachment. To create, preview, then send a multimedia message, follow the steps below. Be creative!

1. Press JUMP to go to the Jump screen. Scroll to highlight **Multimedia Messaging**, then press the wheel to open the application.
2. Press MENU to open the menu. **New Message** is selected by default; press the wheel to open the Compose screen.
3. Address your message using the recipient's phone number, or start typing their name to bring up Address Book matches. Add more recipients by typing a comma (,) or semicolon (;) in the **To** field. Type a **Subject** for the entire message. (Each slide you create will have its own message as well.)
4. Create your first slide:
   - Add the slide's message by typing in the text field.
   - Add a voice recording by selecting the "Add Voice Note" icon . In the dialog box that opens, select **Start Recording** to begin the voice recording. Speak into the microphone (next to the wheel). When finished, select DONE to attach it to your slide.
   - Add an image by selecting the "Add Image" icon . Your Photo Gallery will open, where you can select one photo. After selecting the photo, press MENU then select **Use Checked** to attach it to the slide.

- Add a song to your slide by selecting the “Add Sound” icon . The ringtone selector will open. Select a song from the ringtone pop-up menus. (Due to format and copyright limitations, not all ringtones available to other applications will be available as attachments to multimedia messages.)
- Use the **sec(s)** pop-up menu to select how long you want the slide to play. Note that if you have attached a voice note that plays longer than the menu setting, the voice note will be cut off when played.

5 To create another slide, select the “Add Slide” icon . You can add up to three slides by repeating Step 4.

6 To preview your message, select the **Preview** button. You can edit the attachments from the Compose screen: first highlight the attachment, then press and hold the wheel to bring up the context menu containing edit options.

7 When ready to send, either select the **Send** button at the bottom of the Compose screen, or press MENU + M.

Instant Messaging

This feature is not available in all product configurations. Product configurations vary by wireless operator.

Sign On

1 Press JUMP to go to the Jump screen. Scroll to highlight your **Instant Messaging** application, then press the wheel to open the application. The Sign On screen appears.

2 Type your username and password (passwords are case-sensitive), then select the **Sign On** button.

3 Your list of users appears and you are ready to send an instant message.

Send an Instant Message

1. Press JUMP to go to the Jump screen. Scroll to highlight the **Instant Messaging** application, then press the wheel to open the application.
2. Sign on with your username and password; the screen listing all your IM friends' usernames displays.
3. To start a conversation with a friend on your list, scroll to highlight the friend's username, then press the wheel to start a conversation.
4. Type your message. When ready, press the **Return** key to send.

Switch Between IM Conversations

You can have up to 10 IM conversations open at the same time. If you do have more than one IM conversation open, you can switch between conversations quickly by doing one of the following:

- **Menu** - Press MENU + D to open the **IM Conversations** submenu, which lists all your open conversations. Scroll to highlight the conversation you want to open, then press the wheel.
- **Conversation Number** - Each open IM conversation has a number (0-9), which is displayed in the IM Conversations submenu, as well as on the screen displaying your list of friends: SurfSamSurf .....9 , From any screen in IM, including the IM Jump screen, you can quickly switch between conversations by entering MENU + the IM conversation number.
- **Friends List Screen** - On the screen listing all your friends' usernames, scroll to highlight the conversation to which you want to switch, then press the wheel.

VI. Keyboard Shortcuts

Call a speed dial number	Press and hold the speed dial number on the keyboard while in the Phone or Jump screen.
Redial last number	Press JUMP + + .
Answer an incoming call	Press the wheel or .
Ignore an incoming call (call will forward)	Press .
Hang up active call	Press .
Mute your device when ringing	Press any key, except .
Create a new note, message, event, task, to do, or contact	Press MENU + **N**.
Insert special Unicode character	Press the **SYM** key.
Discard item	Highlight the item then press the **DEL** key.
Send a composed email, text, or multimedia message	Press MENU + **M**.
Delete all text in a single line	Press **ALT** + **DEL**.
Put device in key guard mode plus lock controls	Press and hold DONE for two seconds.
Unlock device	Press MENU + DONE .
Power device on/off	Press and hold for three seconds. Press twice to power off.
Open Sound Controls	Press MENU + DONE .
Open Display Control	Press JUMP + DONE .
Scroll page-by-page	Hold MENU and rotate wheel. Or, press to page up; press to page down.

VII. Troubleshooting

How do I know when my account has been activated?

Once your account has been activated by your wireless operator, you will see a “Welcome” message on your screen. If the Welcome message doesn’t appear on your device within 48 hours after registering, contact your wireless operator’s Customer Care department.

In order to comply with airline regulations, how can I temporarily disable wireless connectivity when traveling?

Remember to power off your device during aircraft takeoffs and landings. To turn off wireless connectivity (to comply with FAA regulations) follow these instructions:

1. From the Jump screen, press MENU , and select **Controls** > **Wireless**.
2. In the Wireless Options dialog box that appears, select the **Wireless Off** option, then select DONE .
3. Your device is now offline. You should confirm offline status by looking next to the radio tower icon in the title bar; it should read OFF.

Even without wireless connectivity, you can still access the device applications and read email messages that have been downloaded already. However, you will not be able to send or receive messages until you enable wireless connectivity again.

How can I improve radio reception when I'm in a "fringe" coverage area?

Try the following to improve radio reception:

- Use the hands-free headset and position the phone away from your body.
- Walk to a window if you are indoors.
- Step outside of buildings that have high metal, concrete, or earthen content as they may absorb radio signals.
- Step away from metallic windows as they absorb RF energy.
- Go to the highest spot possible to make the call.
- Step away from computers or electronic equipment.
- If you are in a car, first park, then try the call from outside the car.
- If you are near or directly under a cellular/PCS radio tower, walk at least one block away.

How can I protect my device from damage?

The best way to protect your device is to carry it with the display closed, in the carrying case supplied in the box. You may risk damaging your device if you do not protect the display.

My device has not connected to the service for quite a while. Is there anything I can do myself before calling Customer Care?

Yes, try powering your device off and on. After your device boots, you'll know you've connected to the service when you see the G in the title bar again.

What Web browsers do you support on the Desktop Interface?

Web browsers IE 5+ are supported on both the Windows and Macintosh operating systems.

Why do the Web pages I open using the device's Web Browser application appear different from the pages I open on my desktop computer?

The Web pages displayed on your device have been reformatted so they are easier to read on a small display. The same information displays; it's just laid out on the screen so that it's easier to view on your device.

What are the requirements for getting my other email accounts to appear on my device?

To fetch messages from another email account, you must gather the following information:

- Name of the remote email server (e.g., mail.example.com).
- Protocol used by the remote email server (e.g., POP, IMAP).
- Your username on the remote email server. (For example, if your email address is joe@example.com, then your username is "joe".)
- Your password on the remote email server. This is the same password you use to open the remote email directly.

Most Internet Service Providers and University email systems work with the POP3 protocol. If you are not sure of the protocol, use the **Auto-detect** setting, or you can call or email your remote service and ask what protocol they support. The remote service operators should also be able to tell you the name of the remote email server.

Once you have all this information, set up your external account by following the instructions in "Fetch Email from External Accounts" on page 35 of this guide. Once set up, your remote email account will be checked periodically and a copy of all new, unread messages will be placed in the Email mailbox on your device.

What should I do if I need a replacement part for my device or if I need to have my device repaired?

Contact your wireless operator's Customer Care department for troubleshooting support.

How secure is my account data on the Desktop Interface? There may be sensitive information stored in contact information (credit card numbers for example) that must be secure!

Information in your account is stored on secure servers in a data center protected by extensive physical security and firewalls. Please refer to your wireless operator's Privacy Policy for more information.

I noticed there is no battery door on the device. Why is that?

The device does not contain a user-replacable battery. The battery is rechargable and it is recommended that you charge it nightly.

How can I clean my device screen?

The screen on your device is coated with a protective layer of polycarbonate. You can safely use warm soapy water, denatured alcohol, or isopropyl alcohol to remove dirt and smudges from your screen. Be sure to use a very soft cotton cloth, such as an old t-shirt, to prevent scratching when wiping the screen.

How do I report a lost device?

Call your wireless operator's Customer Care department to report the lost device. Don't worry! Your wireless operator will disable your lost device and your data is always safely stored on the service. When you receive your new device, your account data will be downloaded to it automatically after you sign in with your existing username and password.

VIII. Handling and Safety Precautions

The hiptop is a mobile computing device that may break if dropped or subjected to severe shock. Please handle the device carefully.

Before using your device, please read the precautions listed below carefully as they provide essential information for the safe handling of the product, and for the protection of the users and others from possible harm.

Battery Handling

- Your device uses an internal lithium ion battery. Please contact customer care for assistance should you need a replacement battery.
- Lithium ion batteries are recyclable. Never dispose of the battery or the unit by incineration.
- Never attempt to disassemble or modify the battery.
- Never touch any fluid that may leak from the internal battery, as doing so may result in injury to the skin or eyes.
- Never drop your device or subject it to severe shock. This may cause the internal battery to leak, ignite, and/or rupture. Always immediately remove your device from the vicinity of any open flame in the event the built-in battery leaks or emits an unusual odor.

Device Handling and Use

- Never attempt to disassemble, repair, or modify your device. Such action may result in bodily injury, or damage to the unit or other property.
- Never touch liquid that might leak from a broken liquid crystal display (LCD), as doing so may cause a skin rash.
- Never dispose of your device with ordinary waste.
- Never allow infants or small children within reach of your device.
- Switch off your device when in an aircraft. The use of the device in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network, and is illegal. Failure to observe this instruction may lead to suspension or denial of cellular telephone services to the offender, or legal action, or both.
- Certain locations (e.g., hospitals) may restrict the use of any device that emits low-level RF energy. Always comply with posted prohibitions of the use of RF-emitting devices.
- Do not use the device when at a refuelling station.
- Observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress.
- It is advised that the device not be used by a driver while the vehicle is moving, except in an emergency. Speak only into a fixed, neck-slung or clipped-on microphone when it would not distract your attention from the road.
- Never allow any metallic objects (e.g., staples, paper clips) to become inserted into your device, as this could result in the generation of excess heat or fire.
- Never use or store your device in the following locations:
  - Anywhere it may be exposed to water (e.g, bathroom or sauna)
  - Conditions of high humidity (e.g., rain or fog)
  - Conditions of extreme high temperatures (e.g., near fire or in a sealed automobile)
  - In direct sunlight
  - Locations or sites subject to strong vibration
- Use your device in locations with the following ambient environmental conditions:
  - Normal operation: 0ºC to 40ºC (32ºF to 104ºF), with humidity of 30% to 80%

Battery Charger Handling

- The device is intended for use when supplied with power from the battery charger included in the box with your device. Other usage will invalidate any approval given to this device and may be dangerous.
- Charge the device within the temperature range of 0 to 40 degrees Celsius, or 32 to 104 degrees Fahrenheit, for the fastest charging time.
- Never place the battery charger on any surface that can be marred by exposure to heat; always place the battery charger on a heat-insulating surface.
- Never place the battery charger adjacent to any heat source.
- Never leave the battery charger close to any open container of liquids.
- Never use a worn or damaged battery charger cable or plug, or a worn or damaged extension cord or plug.
- When traveling abroad, never plug the battery charger into a power source that does not correspond to both the voltage and frequency specified on the charger.
- Always confirm that the battery charger plug has been fully inserted into the receptacle to ensure a secure electrical connection.
- Always immediately power-off the device and disconnect the battery charger from the power outlet in the event of any unusual odor or smoke.
- It is normal for the battery charger to become warm when charging. Disconnect the battery charger from the outlet when not in use.
- Never attempt to disassemble or repair an battery charger, power supply cables, or plugs, as doing so exposes you to electric shock.

IX. Regulatory Compliance Information

Regulatory Compliance Information for North America

FCC Declaration of Conformity

Models PV-100 and PV-108, designed by Danger, Inc. and manufactured by Sharp Corporation, comply 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.

Responsible Party:

Danger, Inc.
3101 Park Blvd., Palo Alto, CA 94306, USA
Tel. +1-650-289-5000
www.danger.com

FCC Notice

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.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Exposure to Radio Frequency (RF) Signals

THIS MODEL DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. In the United States and Canada, the SAR limit for mobile devices used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The FCC has granted an Equipment Authorization for this wireless device with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. For the PV-100 model, the highest SAR value when tested for use at the ear is 0.54 W/kg and when worn on the body, as described in this guide, is 0.75 W/kg. For the PV-108 model, the highest SAR value when tested for use at the ear is 0.73 W/kg and when worn on the body, as described in this guide, is 1.2 W/kg. SAR information on this device is on file with the FCC and can be found under the Display

Grant section of http://www.fcc.gov/oet/fccid after searching on FCC ID: P5J-ONISH for the PV-100 (900/1800/1900MHz) model and FCC ID: P5J-ONISH8 for the PV-108 (850/1800/1900MHz) model.

Note: For body worn operation, to maintain compliance with FCC RF exposure guidelines, use the supplied carrying case. Use of non-approved accessories may violate FCC RF exposure guidelines and should be avoided. When carrying the device on your person, it is recommended to turn the screen display in towards the body in order to minimize RF exposure and maximize antenna efficiency.

Regulatory Compliance Information for Europe

EU Declaration of Conformity

Hereby, Danger, Inc., declares that models PV-100 and PV-108, designed by Danger, Inc. and manufactured by Sharp Corporation, are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the original declaration of conformity can be found at the following Internet address: http://www.danger.com/consumers.php

Exposure to Radio Frequency (RF) Signals

This wireless device has been designed so as not to exceed the limits for exposure to electromagnetic fields recommended by the Council of the European Union. These limits are part of comprehensive guidelines developed by independent scientific organizations. The guidelines include a substantial safety margin designed to assure the safety of the device user and others and to take into account variations in age and health, individual sensitivities and environmental conditions.

European standards provide for the amount of radio frequency electromagnetic energy absorbed by the body when using a mobile phone to be measured by reference to the Specific Absorption Rate (SAR). The EU SAR limit for the general public is currently 2 watts per kilogram (W/kg) averaged over 10 grams of body tissue. The highest SAR value when tested for use at the ear is 0.35 W/kg, at maximum power. Note that the device generally operates at less than maximum power because it is designed to use only sufficient power to communicate with the network.