



- USER'S MANUAL
- MANUEL D'UTILISATION
- BEDIENUNGSANLEITUNG
- MANUALE D'USO
- MANUAL DEL USUARIO
- MANUAL DO USUÁRIO



086-002271-010



OREGON  
SCIENTIFIC




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**PDA298 Handwriting Recognition Personal Assistant  
USER'S MANUAL**

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## Your PDA

Congratulations on your purchase of the OREGON SCIENTIFIC PDA 298!



With handwriting recognition and a Paint function, the PDA 298 offers you simple, quick and convenient ways to jot down instant notes and sketches wherever you are. Easy to use with a clear layout and versatile functions, the PDA 298 fits easily into a pocket or a handbag, making it the perfect companion for businesspeople, students, travellers - in fact for everyone whenever they are out and about!

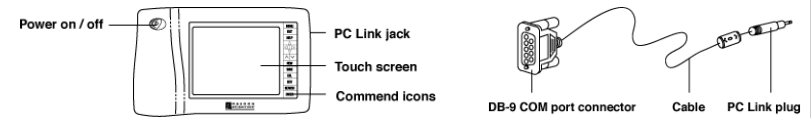
### Default features

HOME LAUNCHER	Easy access to all applications.
MAIN	
[  ] CONTACT	A handy list of names, addresses, phone numbers and e-mail addresses with easy search functions.
[  ] SCHEDULE	Record your appointments and events and set an alarm to remind you on a month-by-month calendar going up to the year 2070.
[  ] MEMO	Input simple memos for later review.
[  ] PAINT	Instantly jot down a note or sketch a diagram and save for review.
[  ] E-MAIL	Send and receive e-mails via the PumaTech Intellisync PC link.
TOOLS	
[  ] HOME TIME	Displays the time in your home city, with an alarm.
[  ] WORLD TIME	Displays the time in 128 well-known cities around the world.
[  ] CALCULATOR	10-digit calculator with percentage and memory calculation.
SYSTEM	
[  ] SETUP	Configure and personalize the various settings of your unit.
[  ] OWNER	Record your personal details.
[  ] MEMORY STATUS	Tells you how much memory is left.
[  ] DELETE	Delete records in one easy action.
[  ] PC SYNC	Communicate and synchronize details with your PC via Easy-sync or PumaTech Intellisync.
[  ] DOWNLOAD	Download extra programs from your PC.
[  ] HELP	Handy help files for each application.

### Downloadable features












These features can be downloaded onto any of the HOME LAUNCHER SCREENS from the enclosed CD-ROM using the Application Downloader program:

[  ] METRIC	Contains 5 categories for converting metric/imperial measurements.
GAMES	[  ] Reverse, [  ] 5-Tile, [  ] Logic, [  ] Mine, [  ] Piece for fun and relaxation.



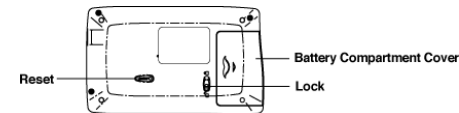
1. Power  
To switch the unit on/off. The unit will return to the last screen displayed before it was switched off.
2. Touch screen function keys

There are 15 command icons on the right-hand side of the LCD:



1. [  ] MENU To quit any application and access the Home Launcher screen directly.
2. [  ] EXIT To quit any application or to abort operations and return to the previous screen.
3. [  ] HELP To display brief help notes for the Home Launcher screen or for each application.
4. [  ] 4 ARROW KEYS To move the cursor up, down, left and right while listing, editing or viewing a record line by line in any application.  
*When viewing a record, you can also move up and down a line by tapping the top or bottom entry.*  
"Top of records" or "Bottom of records" is displayed when you have reached the top or bottom of the record list.
5. [  ] PAGE UP/DOWN KEYS To scroll up and down a page when listing or viewing a record.  
"Top of records" or "Bottom of records" is displayed when you have reached the top or bottom of the record list.
6. [  ] NEW To create a new record in any application and to start a new game.
7. [  ] SAVE To save a record after creating or editing. You can choose to save the record as a "Secret Record". Also to save settings in SETUP.
8. [  ] DEL To delete a character (while creating or editing a record) or a record (while listing records).
9. [  ] EDIT To edit a highlighted record while listing records.
10. [  ] SEARCH To find a record by keyword in an application.
11. [  ] ENTER To confirm data input or other action.

### Inserting the batteries and using the PDA for the first time

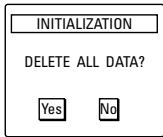
The PDA298 uses two AAA 1.5 V batteries.



To install the batteries:

1. On the back of your PDA, open the battery compartment by sliding the switch below the battery compartment down (UNLOCK [  ]) and then sliding the compartment cover off.
2. Place the batteries into the compartment, making sure they are inserted according to the correct polarity.
3. Put the battery compartment cover back on and slide the switch up to lock the cover in place (LOCK [  ]).
4. The unit can be switched on only if the cover is locked with this switch.

- After the batteries have been inserted and the cover has been locked, press the RESET button on the back of the PDA.
- The screen will display the following remark:  
"SYSTEM DATA PROCESSING... PLEASE WAIT."  
It will then ask you to calibrate the touch screen. Tap the targets to carry out the calibration.
- The PDA then displays the INITIALIZATION screen and asks you whether you want to "DELETE ALL DATA?"

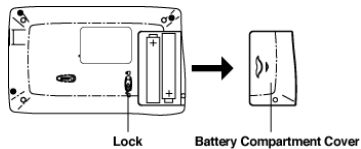


- It is recommended that you tap "YES" when you use your PDA for the first time. The PDA will ask you to reconfirm the action, which you can do by tapping "YES" again. Initialization of the system is then complete.
- After initialization, set the home time and date (see section on HOME TIME).

## Replacing the batteries

### CAUTION

- \* Always use new, good quality alkaline batteries.
- \* Always replace both batteries at the same time. Do not mix old and new batteries.
- \* Always lock the battery cover after replacing the batteries.
- \* If the unit is not to be used for a long time, it is recommended that you remove the batteries to avoid them leaking.



- Make sure the PDA is switched off before replacing the batteries.
- Open the battery compartment by sliding the switch down and then sliding the compartment cover off.
- Remove both of the old batteries.
- Insert the new batteries one by one, making sure they are inserted according to the correct polarity.
- Put the battery compartment cover back on and slide the switch up to lock the cover in place.
- The unit can be switched on only when the cover is locked.
- After inserting the batteries and locking the battery cover, press the RESET button on the back of the PDA.
- The screen will display the following remark:  
"SYSTEM DATA PROCESSING... PLEASE WAIT."  
It will then ask you to calibrate the touch screen. Tap the targets to carry out the calibration.
- The PDA then displays the INITIALIZATION screen and asks you whether you want to "DELETE ALL DATA?"  
ALWAYS TAP ON "NO". Otherwise you will lose the data you have stored in the PDA.

## Resetting the PDA

Press the RESET button on the back of the unit to reset your PDA if there is a system error, if the touch-screen calibration is off target or if you encounter any other abnormal situation.

After you press RESET, the screen will display "SYSTEM DATA PROCESSING... PLEASE WAIT." It will then ask you to calibrate the touch screen - tap the targets to carry out the calibration. The PDA then displays "INITIALIZATION DELETE ALL DATA?"  
If the format lock (inside SETUP → SECURITY) is set, you will need to enter your password before the INITIALIZATION screen appears.

Tapping "NO" will reset the system and return it to the settings you have configured before. If you tap "YES", the display will ask "ARE YOU SURE TO CONTINUE?"  
Tapping "NO" will reset the system and return it to the settings you have configured before.

**WARNING!** If you tap "YES", the PDA will reformat the database memory and delete all records. Only perform this memory clean-up if pressing RESET does not solve your problem. If you proceed with the memory clean-up, the display will show "FORMATTING..."

## Turning the PDA on

Press the button at the top left of the PDA. The HOME LAUNCHER/MAIN screen will appear on screen. The PDA also features an "Auto off" function, which is set at the factory to 3 minutes. That means that the unit will switch itself off automatically if it is not operated for 3 minutes. You can change the "Auto off" function in "SETUP".

To turn the PDA back on after it has switched itself off, press the button on the left-hand side of the unit. The unit will go back to the screen last displayed before it was switched off.

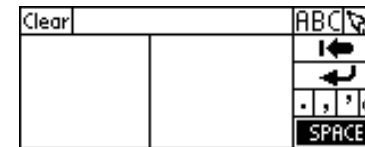
Always use the stylus to tap the screen, access the applications and input data, and remember to slide it back into its protective holder on the side of the PDA when you have finished using it.

## Inputting data

When you want to input data, for example to create a new record or edit an old one in an application, you can choose between two methods of inputting data: using handwriting recognition or using a touch-screen QWERTY keyboard. Backspace, carriage return, four punctuation marks and the spacebar are always available in both methods.

To move between the two methods, simply tap on the pencil or keyboard icon displayed in the top right corner of the inputting screen.

## HANDWRITING



Your PDA recognizes handwritten letters of the alphabet, numerical characters and punctuation marks and symbols. To use handwriting recognition, make sure the screen shows the pencil icon. To the left of the pencil, you will see the icon . This is for inputting standard letters of the alphabet. To input numbers, tap this icon to change it to , and tap it again to input punctuation marks or symbols . Using the stylus, write a letter (or number/punctuation mark) in one of the two large boxes at the bottom left of the screen. The PDA inputs a letter in the content line at the top of the screen and in the long rectangular box it also suggests a list of letters that it recognizes from your handwritten input. If the letter in the content line is not correct, tap the letter in the row that you want to input. When you write another letter, a letter is inserted in the content line and a new set of alternatives is displayed in the rectangular box.

Tap **CLEAR** to clear the letters in the rectangular box. Use backspace to delete the letters in the content line. Tap **↵**(carriage return) to move to a new line and the spacebar to insert a space. You can also tap the four punctuation marks to insert them.

**KEYBOARD**

Tap on the pencil icon **✎** to switch to keyboard inputting. You can choose to input standard letters and numbers **[ABC]**, punctuation marks/symbols **[!;?]** and letters with accents **[àéï]**.



The screen displays an integrated QWERTY keyboard. Simply tap the letter on the keyboard that you wish to input. Tap “Caps” (“Caps lock”) to toggle between capital letters and small letters, or tap “Shift” to toggle for just one input.

**Your PDA298 supports the following characters:**

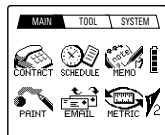


**Applications**

You can start to use the different applications as soon as you have switched on the PDA. Here are help files for the individual applications, so that you can quickly find your way around your PDA. Most of the actions you need to take are self-explanatory, and your PDA takes you through them step by step.

**Home Launcher**

You can access all the applications from the HOME LAUNCHER menu. You can get to the HOME menu at any time simply by tapping MENU at the top of the function keys.

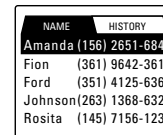


The HOME LAUNCHER menu is divided into three parts - MAIN, TOOLS and SYSTEM - which are displayed at the top of the screen. Tap on the page that you want and the screen will display the applications available. If there are more than 6 applications in a particular menu, the screen will show that there is another page **[ 1/2 ]**. Tap the page number at the bottom right of the screen to toggle between the pages.

**MAIN**

**[ CONTACT ] CONTACT**

CONTACT is an address book in which you can store details such as names, addresses, telephone nos. and e-mail addresses.



Tap on CONTACT to enter the application. The screen displays your list of contacts by NAME in alphabetical order. This is the main body where all the records are stored. HISTORY gives you a quick review of the last 30 records that you have viewed.

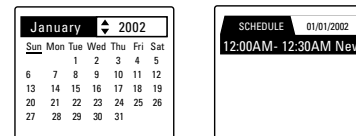
To enter a new contact, tap NEW. Input the details using one of the methods described under Inputting data. There are 10 fields for you to input your contact’s name, tel. no., mobile no., pager no., fax no., e-mail address, company name, address, zip code as well as a note. Press ENTER to confirm each entry. After pressing ENTER or SAVE to save the record, the PDA will ask you whether you want to save it as SECRET. Tap YES or NO and the record will then be saved.

To conduct a KEYWORD SEARCH of all the contact records, tap SEARCH. Input the keyword and the PDA will find records containing that word.

To read or edit a record, tap on the name in the contact list. The screen displays the Contact View, that is the details of the record. Tap EDIT and use the inputting method you want to edit the record appropriately. Or press DEL to delete the record. The PDA will ask you to confirm the deletion. Press EXIT at any time to return to the previous screen or finally to exit the application.

**[ SCHEDULE ] SCHEDULE**

Featuring a month-by-month calendar, this application allows you to keep a record of your daily schedule.



You can scroll between months by tapping the month and then using the arrow keys in the top line. Tap on the year and then use the arrow keys to scroll through years (from 1900 to 2070).

To enter a new appointment/event, tap on the date you want schedule. The PDA will display the date at the top of the screen and the note “NO RECORD! PRESS “NEW” FOR NEW RECORD”. Tap the NEW function key in order to input a new record. The screen will then display the date, a start time, an end time, SUBJECT and an alarm bell. Tap START TIME and then set the time you require by scrolling through the hours and minutes displayed, remembering also to tap on AM or PM. Tap ENTER to confirm. Repeat the procedure to set the END TIME, then tap ENTER. To input the content of the record, tap SUBJECT and then input the data as described above. Tap ENTER to confirm what you have written. You can then switch the alarm on or off simply by tapping on the bell logo.



When you have finished inputting the data, tap ENTER to confirm the schedule. The PDA will ask you if you wish to save the record as "SECRET". Tap YES or NO and the PDA will save your record.

A dot appears by the date to indicate that an appointment/event has been recorded there. Tap on the date to view or edit the record. The PDA lists all records scheduled for that date with the start and end times and the first letters of the subject. Use the arrow keys to find the record you want to edit and tap on it. Or simply tap on it if it is already displayed. You can also tap the SEARCH function key. Input the keyword using one of the methods for inputting data and then tap on ENTER.

The PDA then displays the date, the times and the content of your schedule. Tap EDIT. The PDA displays the same screen that you use for inputting a new record, with the date, start time, end time, subject and alarm bell. Tap on the part that you want to edit. The procedure is then the same for when you input a completely new record. You can leave any screen simply by tapping EXIT. The PDA will ask you if you want to abort the edit. Tap YES to abort and to return to the schedule list, tap NO to continue editing.



### MEMO

Use MEMO to record simple memos.

The MEMO list uses the very first letter of the memo to list your memos in alphabetical order.

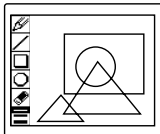
Scroll through the list using the arrow keys. Tap on a memo to view it. While viewing, tap EDIT and edit appropriately, or DELETE to delete a memo. You will be asked to confirm the deletion. Tap NEW to write a new memo using one of the methods described under Inputting data.

Press EXIT at any time to return to the previous screen or finally to exit the application.



### PAINT

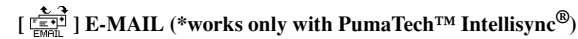
This paintbrush program allows you to draw freehand sketches and diagrams or to write notes. The program features the following drawing tools: line, rectangle, circle, eraser and different line width.



Tap PAINT to enter the application. The screen displays a list of records. Tap NEW to draw a new diagram. TO EDIT, tap on a record.

The drawing tools appear on the left-hand side of the screen. Tap on the tool you want to use - to draw freehand, to draw perfect squares and circles, or to erase what you have drawn, and so on.

Tap ENTER or SAVE to save your drawing. The PDA will ask you to input the name under which you want to save the drawing. Input the name using one of the methods described under Inputting data. Press EXIT at any time to return to the previous screen or finally to exit the application.

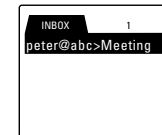


### E-MAIL (\*works only with PumaTech™ Intellisync®)

To access the PDA's e-mail program, tap the E-MAIL icon. The screen displays three folders, Inbox, Outbox and Sent.



Use the arrows on the right of the screen to scroll between the folders and then tap the folder you want to open. Or simply tap the folder twice to open it.



\* Messages with an "R" beside them have been read.

### WRITING AND SENDING A NEW E-MAIL - [ NEW ]

Note: new e-mail messages (i.e. not replies) can only be created in the Outbox.

1. To send an e-mail, open the Outbox and tap the NEW icon at the right of the screen.
2. The screen prompts you to enter the recipient (To:).
3. Input the e-mail address of the person you want to write to.
4. You can input a maximum of 60 characters.
5. Then tap ENTER [↵] from the functions on the right-hand side of the PDA.
6. The screen prompts you to enter the recipients you wish to send copies of the e-mail to [ Cc: ].
7. The Cc field can contain a maximum of 60 characters.
8. Tap ENTER [↵].
9. The screen prompts you to enter the subject.
10. The subject field can contain a maximum of 40 characters.
11. Tap ENTER [↵].
12. The screen prompts you to enter the body of your message.
13. The text body can contain a maximum of 200 characters.
14. Tap ENTER [↵]. The record will be saved in the Outbox folder.

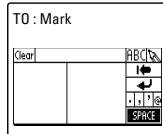
Note: while you are writing your e-mail message, you can always exit by tapping [EXIT] Exit.

### DELETING E-MAIL [ DEL ]

1. You can delete a message in the Inbox, Outbox and Sent folders by accessing it and then tapping the [ DEL ] DEL key.

- If you delete an e-mail message in your PDA e-mail application, your next PC Sync operation will also delete the e-mail in your e-mail application on your PC. So you never have to delete the same e-mail twice.

### **EDITING E-MAIL IN THE OUTBOX [ EDIT ]**



- You can edit a message in the Outbox by accessing it and then tapping the EDIT key [ **EDIT** ].
- The screen will take you through all the steps outlined above, and you can edit any part using the keyboard.

Note: There are no functions for editing or writing e-mails in the Inbox and Sent folders.

### **VIEWING E-MAIL**



- To read your messages in any of the folders, simply tap on the message.
- Unread messages in your Inbox are not marked. Messages with an "R" beside them have been read. If you read a message in your PDA e-mail application and leave it in your Inbox, your next PC Sync operation will mark it as read in your e-mail application on your PC.
- You can go back to the previous screen at any time by tapping the [ **EXIT** ] function key on the right of the PDA.





Note: e-mail messages with long texts are truncated when downloaded from a PC. This reduces the time it takes to synchronize the PDA298 and the e-mail application.

After synchronization, e-mail messages downloaded from a PIM (Personal Information Manager) will be stored in the Inbox.

### **SEARCH [ SEARCH ]**

To search for a message in a folder, tap the search icon [ **SEARCH** ]. The screen prompts you to enter a keyword using the keyboard.

### **REPLYING TO E-MAILS: Reply to sender [ ] or Reply All [ ]**

- To reply to a message in the Inbox, open the message by tapping on it and then tap Reply to sender [  ] or Reply All [  ] at the top of the screen.
- Tap [  ] to send a reply message to the sender.
- The screen will then lead you through the procedure for sending e-mails outlined above, but the PDA will have already filled in the recipient (To:) and the subject with "Re:". You have to enter the other recipients you wish to send copies of the e-mail to in the Cc field.
- Tap on [  ] to send a reply message to all addresses.
- Similarly, the screen will then lead you through the procedure for replying to e-mails outlined above, but the PDA will have already filled in the recipient (To:), any other recipient (CC:) and the subject with "Re:".

- The Cc field can contain a maximum of 60 characters. When there are more than 60 characters, the excess e-mail addresses will be cut off.

Note: while you are writing your e-mail message, you can always exit by tapping [ **EXIT** ] Exit.

Reply e-mail address table: -

Inbox e-mail	Reply to sender	Inbox e-mail	Reply to all addresses
From		From	
To	To - Sender's "From" address already filled in	To	To - Sender's "From" address already filled in
Cc	Cc - Enter manually	Cc	Cc - "To" and "Cc" addresses already filled in
Subject	Subject - Added with "Re:"	Subject	Subject - Added with "Re:"

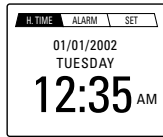
### **Notes on PC synchronization with PDA298**

- In your e-mail application on your PC, it is a good practice to regularly file or back up your e-mails from your Inbox, Outbox and Sent folders in other folders or files. This can reduce synchronization time and save e-mail memory in the PDA.
- Please check the on-line help file of the "Intellisync® for PDA298" software for PIMs that support the e-mail function and that can be synchronized using Intellisync®.
- E-mails can be synchronized using Intellisync® only, not with Easy-sync.
- The Inbox and Outbox folders will synchronize by default, while the Sent folder will only synchronize if specified by the user manually.
- If you have deleted an e-mail on your PDA, this e-mail will also be deleted from your PC after synchronization.
- Mail in your PDA Outbox does not contain a "From" field. Intellisync® will add the default user address to this field after synchronization.
- It is not possible to download attachments from your PC to your PDA. Intellisync® will remove the attachments during synchronization.
- When downloading e-mail to your PDA298, e-mail messages with long texts are truncated as follows:
  - "To" : 60 characters
  - "Cc" : 60 characters
  - "Subject" : 40 characters
  - "Body" : 200 characters
- When there are more than 60 characters in the "To" and "Cc" fields, the excess e-mail addresses will be cut off.

### **TOOLS**



This screen shows the time, date and day in the home city that you have selected.



While viewing, tap SET to set the date and time.

To set the date, tap on the date and the screen will display the calendar. Set the new date by tapping on the required day. Tap D/M/Y / M/D/Y to toggle between these two date formats.

Tap on the time to set it. Scroll through the hours and minutes until you have set the correct time. Tap on AM or PM to select and then ENTER to confirm. Toggle between the 12-hour and 24-hour format by tapping on the format that is currently displayed.

Tap ALARM to set an alarm. Tap the bell to toggle between alarm on and alarm off. When the alarm is set to on, the screen will display the alarm time that has been set. To change the alarm time, simply tap on the time displayed and then scroll through the hours and minutes until you have set the alarm time you want. Remember to set AM or PM and then press ENTER.

### [ ] WORLD TIME



This screen shows the time in the world city that you have selected. While viewing, tap the name of the city that is being displayed to set the city. A list of city names will be displayed. An alphabet at the bottom of the screen helps you find the city you want more easily - tap the initial letter of the city you want to find. You can also use the arrow keys to scroll through the list. When you have found the city you want, simply tap on it to set the world city. You can also tap on Local at the top of the screen to toggle to the home time you have selected.

Press EXIT at any time to exit the application.

### [ ] CALCULATOR

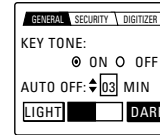
The calculator can do simple calculations and percentages and also features a memory function. Simply input a number, tap the calculation function you wish to carry out (+, -, x, ÷), input the other number and press = to get the result. The calculator can display a maximum of 10 figures.

Press EXIT at any time to exit the application.

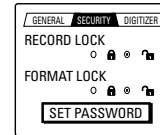
## SYSTEM

### [ ] SET-UP

SET-UP is divided into three sections, GENERAL, SECURITY and DIGITIZER.

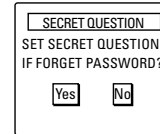


Under GENERAL, you can set the key tone on or off, that is the small sound you hear when tapping the screen. Set the AUTO OFF time you prefer using the arrow up and down keys to set the minutes from 1 to 10. You can also adjust the contrast of the screen. Tap LIGHT or DARK to make the contrast lighter or darker. Tap ENTER to confirm and the PDA will then store these settings.



Under SECURITY, you can set a secret record lock to prevent unauthorized access to your records in CONTACT, SCHEDULE, MEMO, PAINT and OWNER, as well as a format lock to prevent the database from being reformatted when the RESET button is pressed.

To set a record or format lock, tap on the circle next to the lock you want to set. The PDA asks you to enter a new password using the QWERTY keyboard and then to confirm it. The password will be saved when you exit SECURITY.

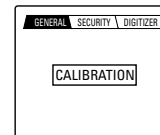


Your PDA will then ask you whether you want to set a secret question in case you forget your password. If you tap NO, the PDA returns to the SECURITY screen and saves the password. CLEAR PASSWORD appears at the bottom of the screen. If you tap YES, the PDA asks you to input a question using one of the inputting methods described above. After you have input the question, the PDA asks you to input the answer. Once you have done that, the password will be set. CLEAR PASSWORD appears at the bottom of the SECURITY screen.


When you want to remove the lock, tap on the circle next to the unlocked icon. The PDA will ask you to enter your password. It will delete the password and set the PDA to UNLOCK (a dot appears in the circle next to the unlocked padlock).

You can also set a password by tapping on SET PASSWORD at the bottom of the SECURITY screen. If a password has already been set, CLEAR PASSWORD appears at the bottom of the screen. To clear the password, tap on CLEAR PASSWORD and then input the password. The PDA will delete the password, and SET PASSWORD will then appear at the bottom of the SECURITY screen.

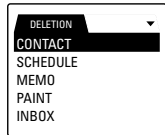
Use DIGITIZER to calibrate the touch screen of the PDA, that is how the PDA recognizes your inputs when you tap the screen with the stylus. The PDA will ask you to tap the stylus on a series of targets.



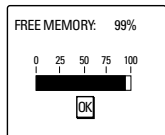


 OWNER


You can input your personal details - the same details as under Contacts - using one of the methods for inputting data described above. You can edit the details in the normal way or input new details.

 DELETION


You can delete each individual database, i.e. all records, under CONTACT, SCHEDULE, MEMO, PAINT, E-MAIL and OWNER by tapping DELETE. Then tap the application whose database you want to delete. The PDA will ask you if you want to delete all records in that database. Tap YES to confirm or NO to abort. If you tap YES, the PDA will ask you again whether you really want to delete all records. Again, tap YES to confirm or NO to abort.

 MEMORY STATUS


Tap on MEMORY STATUS to see how much free memory is available.

 PC SYNC

PC Sync enables you to synchronize your PDA with your computer through a COM port. All changes made on your PDA or on your computer - that is all new, modified or deleted records - will be updated on both platforms after synchronization.



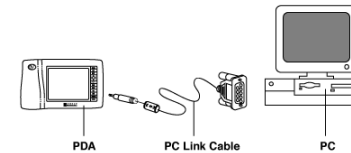

There are two PC Sync software programs available for the PDA298 - Easy-Sync and PumaTech Intellisync. However, you should only use one of them.

To conduct synchronization with your PDA, first install either of the two programs on your computer from the enclosed CD-ROM. Please refer to the section **Quick start guide for PC software installation**.

### Easy-Sync

Applications synchronized using Easy-Sync:  
CONTACT, SCHEDULE, MEMO, PAINT, OWNER.

Connect your PDA to your computer using the PC Link cable provided. The small plug goes into the jack of the PDA, while the DB-9 connector can be connected in the appropriate COM port on your computer.



Launch the Easy-Sync program on your PC. Click the Setup icon or use the pull-down Setup menu and select the COM port that the PDA is connected to. Also set the action that you want to use for synchronizing your records (Keep PDA records, Keep PC records or Keep both records).

On the PDA, tap PC SYNC and then START to start PC Synchronization. The progress of the synchronization is displayed on your PC screen.

To abort synchronization, press ESC key on the keyboard.

If a Secret Record Lock has been set on the PDA, you will be asked to enter the password before you can start synchronization.

### PumaTech Intellisync

Applications synchronized using Intellisync:  
CONTACT, SCHEDULE, MEMO, EMAIL.

Connect your PDA to your computer as described as above.

Launch the Intellisync program on you PC.

On the PDA, tap PC SYNC and then START to start PC Synchronization. On the Intellisync, click on the SYNCHRONIZE button. The progress of the synchronization is displayed on your PC screen.

To abort synchronization, press ESC key on the keyboard.

\*\* For a detailed operating guide to the Easy-Sync and Intellisync programs, please refer to the on -line help file in the Easy-Sync and Intellisync programs.

 DOWNLOAD

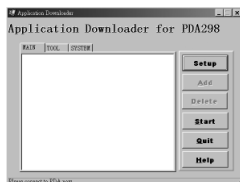
Use this application to download applications from your PC.

First install the Application Downloader programs on your computer from the enclosed CD-ROM. Please refer to the section Quick start guide for PC software installation below.

Then connect your PDA to your computer as described under PC Sync. Then follow these procedures to add applications from your PC.

1. On your PDA, tap the download .
2. On your PC, execute the Application Downloader program.

3. Make sure you have set the right COM port in Setup in the Downloader program.
4. On your PDA, tap START.
5. In the Application Downloader on your PC, click START.
6. The PDA shows that it is connecting to the PC, while the PC shows that it is "Retrieving the PDA Application Environment". Once this action has been concluded, your PC displays "Successfully retrieved". Click "OK". The PDA returns to the download start screen. Now in your PC, you can see the applications that are installed on the PDA under the menu tags MAIN, TOOL and SYSTEM.



7. To add a new application from the PC to the PDA, go to the menu tag you want and click "Add". A pop-up screen shows you which new applications are available for download. Select an application and click "Open".
8. Now tap on "START" in the PDA.
9. Click "UPDATE" in Downloader.
10. When the download process is completed, the message "DOWNLOAD COMPLETE" will be shown on the PDA and the message "Successfully downloaded!" will be displayed on the PC.
11. Click "OK" on your PC.
12. Tap "EXIT" on your PDA.

To remove applications, follow these procedures:

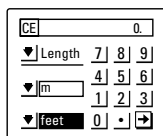
Carry out steps 1) to 6) above. Then:

13. To delete an application from the PC and the PDA, go to the menu tag you want, select the application and then click the "DELETE" button. Click "Yes" when the PC asks you "Are you sure you want to delete the application?"
14. Now tap on "START" in the PDA.
15. Click "UPDATE" in Downloader.
16. When the update process is completed, the message "DOWNLOAD COMPLETE" will be shown on the PDA and the message "Successfully downloaded!" will be displayed on the PC.
17. Click "OK" on your PC.
18. Tap "EXIT" on your PDA.



Tap the HELP function key in the appropriate application to get help.

### Downloadable applications



This handy converter can convert measurements in five different categories: length, area, volume, weight and temperature.

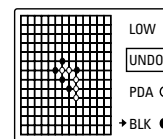
Tap the arrow on the left to change the category and the source and target units of measurement. Simply tap on the category or unit you want to set the category or unit.

To input the value of the source category, highlight the source unit (the upper unit) and input the value using the numeric keyboard. Then tap the target unit (the lower unit) to get the measurement converted into the target unit. Use the → key (backspace) on the keyboard to correct inputting errors or CE at the top left to erase the figure displayed.

Press EXIT at any time to exit the application.

### GAMES

You can play fun games on your PDA to help you relax and fill in your spare time in a challenging way. Simply tap the game you want to play in order to enter that application.



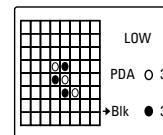
Connect a row of 5 tiles to win.

You are Black and the PDA is set as the other player, but you can play with a friend by tapping PDA to toggle to White.

Simply tap the grid co-ordinate you want. If you are playing against the PDA, it will respond very quickly. But you can UNDO the last move by tapping UNDO. If you are playing against a friend, let them input the co-ordinate they want. The arrow indicates whose turn it is to play. The first player to connect 5 tiles either horizontally, vertically or diagonally wins the game.

Toggle between low and high difficulty by tapping LOW.

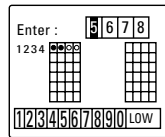
Press EXIT at any time to exit the application. The PDA will ask you if you want to QUIT THE GAME. Tap YES to return to the main menu.



Dominate the board by placing your pieces in strategic positions. When it is your turn, place your piece (black) so that you trap a white piece between two of your pieces - horizontally, vertically or diagonally.

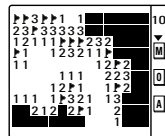
That is, you have to get one of your pieces either side of a white piece or row. All the white pieces will then turn black. White will try to "reverse" black pieces into white in the same way. The player who has the most pieces on the board at the end is the winner. You can only place a piece in a box that completes a line, i.e. so that a white piece is in-between two black pieces. You (black: BLK) can only play against the PDA. There are two levels, HIGH and LOW, which you can toggle between by tapping on the HIGH/LOW box.

[ 123 ] Logic  
LOGIC



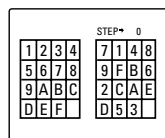
Break the code!  
Tap on the numbers at the bottom to enter a code, which is then displayed in the boxes at the top, e.g. ENTER: 1 2 3 4. Then tap ENTER.  
The PDA then displays the code you have entered to the left of the boxes in the middle and indicates which numbers in the code are correct by putting circles in the boxes. A black circle means the number is correct and in the right position, a clear circle means the number is in the code but currently in the wrong position.  
Example: 1 2 3 4 [ ●○○○ ]  
That means two of them are correct and in the right position and that the other two are in the code but not in the right position.  
Input another code again.  
Press EXIT at any time to exit the application. The PDA will ask you if you want to quit the game.

[ ● ] Mine  
MINE



Sweep the minefield.  
The number at the top right of the screen indicates how many mines there are.  
Tap the box with the "O" (open) in it so that the arrow appears above it. Then tap a square in the field if you think there is no mine there. The square will open and a number will appear indicating how many mines are in squares touching that field.  
Use "A" (all) to open a group of squares and clear all adjacent squares that are free of mines.  
To flag a square where you think a mine is, tap the "M" box, and then the square. You can unflag a square by tapping on it again.  
You lose as soon as you "open" a square with a mine in it.  
At the end of the game, the locations of the mines are marked with an "●".

[ 1234 ] Piece  
PIECE



In this puzzle, you have to get the right-hand grid to match the target pattern in the left-hand grid. Move the squares piece by piece by tapping and sliding them to the vacant square. Try to do complete the puzzle in as few moves as possible. The PDA wins if you exceed a certain number of moves.

TROUBLESHOOTING

Problem	Suggestion
No display	<ul style="list-style-type: none"> <li>• Make sure that you have correctly installed fresh batteries.</li> <li>• Make sure the battery door is LOCKED.</li> </ul>
The display is faint	<ul style="list-style-type: none"> <li>• Make sure that the contrast is adjusted to a comfortable level.</li> <li>• Replace the batteries.</li> </ul>
No sound when an icon is tapped	<ul style="list-style-type: none"> <li>• Make sure key confirmation tone is enabled.</li> </ul>
Operation is not normal	<ul style="list-style-type: none"> <li>• Reset the unit. Perform a full reset operation if necessary.</li> </ul>

CARE

This product is engineered to give you years of satisfactory service if handled carefully.

1. Always use the stylus provided to touch the screen.
2. Keep the product dry.
3. Do not subject the product to extreme temperatures.
4. Do not expose the product to dusty, dirty or humid environments.
5. Do not clean the product with thinner, detergent or any corrosives. Wipe the product clean only with a slightly dampened cloth.

Notice

The product might not function properly in case of electrostatic discharge. In that case, resetting (by pressing the RESET button) is required to bring it back to normal.

Technical Specification

Model name : PDA298  
Dimension : 121.7(L) x 15.7(W) x 73.7(H) mm  
Weight : 128g (including batteries)  
Power supply : 2 "AAA" size 1.5V Alkaline batteries

Notice of FCC Compliance

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.


**Warning:** Changes or modifications to this product not expressly approved by the party responsible for compliance could void user's authority to use this product.

**Note:** This product 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 product generates, uses and 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 particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to correct the interference by one or more of the following measures:

- Increase the separation between the product and the affected equipment.
- Consult the dealer or an experienced radio/television technician for assistance.

ENGLISH

Tested To Comply With FCC Standards FOR HOME OR OFFICE USE 

**Important: Shielded cables must be used with this product to ensure compliance with the Class B FCC limits.**

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