

# **Pocket92 for Microsoft Pocket PC**



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3. No Assignment by Customer. This Agreement shall be binding upon and inure to the benefit of MINISOFT and any successors and assigns. Customer shall

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# Table of Contents

Introduction .....	9
<i>What is Pocket92 for Microsoft Pocket PC?</i> .....	9
<i>Features</i> .....	9
Installation .....	10
Menu Options .....	11
<i>File Menu</i> .....	11
Connect .....	11
Disconnect .....	11
Script .....	12
Run Script .....	12
Load .....	12
Save .....	12
Save As .....	12
Config Macro .....	12
Configuration .....	13
FKeys .....	14
Config Connection .....	14
Printer Setup .....	15
Exit .....	15
<i>Edit Menu</i> .....	16
<i>FKeys Menu</i> .....	17
<i>Term Menu</i> .....	18
Hard Reset .....	18
Break .....	18
Scroll Left / Right / Down / Up .....	18
Send 1 - Send 5 .....	19

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<i>Help Menu</i> .....	19
<i>Logging</i> .....	19
<i>Keys</i> .....	20
<i>Settings</i> .....	20
<b>Configuring MS92 for Microsoft Pocket PC</b> .....	<b>21</b>
<i>Configuring the Connection</i> .....	21
<i>Font Configuration</i> .....	24
<i>Screen Configuration</i> .....	25
<i>Trace Configuration</i> .....	26
<i>Terminal Configuration</i> .....	27
<b>Keyboard Mapping</b> .....	<b>28</b>
<i>Shortcut Keys</i> .....	28
<b>Macro Configuration</b> .....	<b>29</b>



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# Introduction

## *What is Pocket92 for Microsoft Pocket PC?*

Pocket92 for Microsoft Pocket PC (formerly Windows CE) provides full emulation of the Hewlett Packard HP 700/92 terminal on handheld devices running the Microsoft Pocket PC Operating System version 3.0 or later.

## *Features*

Pocket92 for Microsoft Pocket PC includes the following features:

- ◆ HP 700/92 terminal emulation including character mode and block mode
- ◆ 80 and 132 column display x 24 lines
- ◆ NS/VT, Telnet and serial connectivity
- ◆ Scripting
- ◆ Keyboard remapping
- ◆ Wireless handheld device capabilities
- ◆ Display DC1 in NSVT
- ◆ F1 - F8 function keys
- ◆ Screen resolution up to 640 x 480 (Full VGA)
- ◆ ASCII & Binary file transfer

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# Installation

Depending on the operating environment and model you are running, install the .exe provided by Minisoft. If your model is not documented below in the table, contact Minisoft for a customized version.

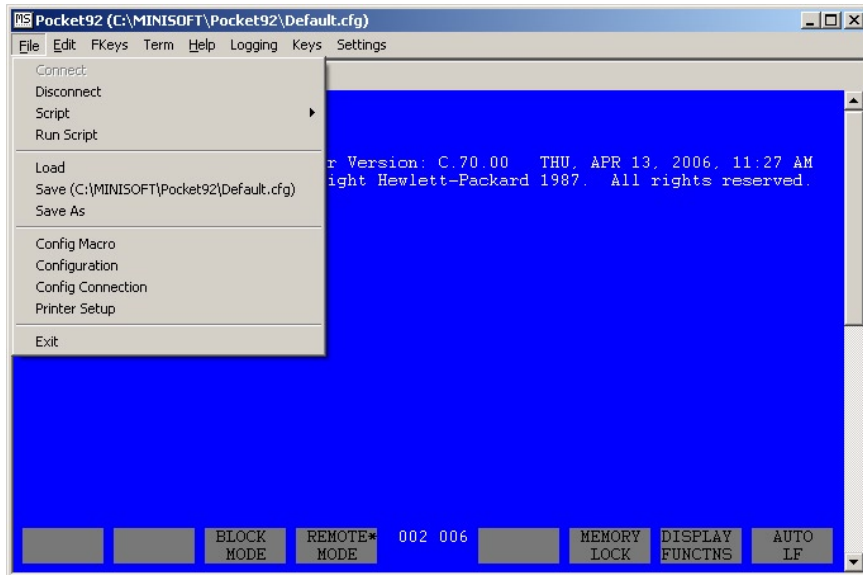
*Note:* Please contact Minisoft for the latest Pocket92 for Microsoft Pocket PC version.

<i>Supported Operating Environments</i>	
Pocket PC Operating System version 3.0 or later	
Windows Mobile 2003	
Pocket PC 2003 or later	
<i>Models</i>	
Intermec 720C, CK31	HP iPAQ HP6515
Symbol Technologies PPT8846	LXE MX7
ASUS MyPal	Cingular 8125

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# Menu Options

## *File Menu*



### ***Connect***

When pressed MS92 tries to establish a connection to the host computer specified in the *Config Connection* submenu field and, if specified, executes the script name in the same submenu field.

### ***Disconnect***

When pressed MS92 disconnects your established connection with the host computer.

---

## ***Script***

*Pause Recording* - Pauses the recording of a script.

*Do Script* - Runs a previously saved script.

*Pause Script* - Pauses a running script file.

*Do Command* - Runs a previously saved command file.

*Record Script* - Automatically record a script by “capturing” or “storing” the keystrokes you use to perform a sequence of commands. The keystrokes are recorded and stored in a script file.

## ***Run Script***

Executes the script named in the *Config Connection* submenu field.

## ***Load***

Displays a list of saved settings and loads the selected macro screen and configuration settings.

## ***Save***

Saves the current macro screen and configuration settings.

## ***Save As***

Saves the current macro screen and configuration settings under the specified name. Also provides a button for deleting settings that had been previously saved.

## ***Config Macro***

Provides a screen for the configuration of up to ten one-line macro commands. The corresponding menu labels will be displayed as part of the Term menu.

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## Configuration

*Font:* Allows the user to select the font style and size.

*Screen:* Allows you to select the screen size (columns, rows), the number of lines on which to display the function key labels, and whether to display the scroll bars.

*Service:* Enables tracing and specifies the name of the trace files. Trace generates two files when the trace checkbox is checked and a filename is entered (.WPK and .RTF).

*Terminal tab:*

*Terminal ID* - Enter the ID number of the terminal you are emulating. The 2392A and 700/9x are more recent HP terminals, which certain HP software may not recognize. You may change the terminal ID by typing: 2624A, 2622A. This will not change the emulation features of WS92 but will allow the HP host software to recognize the terminal.

*Type Ahead* - Type-ahead allows you to type characters before the HP host is ready to receive them. WS92 stores the characters and transmits them when the host is ready.

*Destructive Backspace* - Causes the backspace key to erase characters as it moves the cursor to the left.

*Caps Lock* - Capitalizes all typed characters. Default is OFF.

*Color:*

*Display Enhancement* - Configure enhancements for halfbright, inverse, underline, blinking, and any combination of these.

	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Half-Bright									.	.	.	.	.	.	.	.
Underline					.	.	.	.					.	.	.	.
Inverse Video			.	.			.	.			.	.			.	.
Blinking		.		.		.		.		.		.		.		.
End Enhancement	.															

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*Foreground* - Text color.

*Background* - Background color of the screen.

*Invert* - Inverts foreground and background colors.

*Color Pairs* - Set of color combinations.

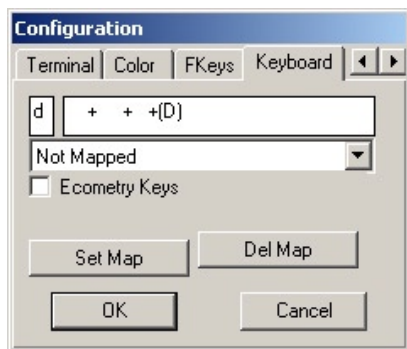
### ***FKeys***

*FKey Lines* - The number of function key lines appearing.

*Change FKey Width* - Changes the display width of the function keys.

*Starting FKeys* - Configure the starting FKeys to be displayed at startup (0 = none).

*Keyboard* - Maps available keys. See also *Keyboard Mapping*:



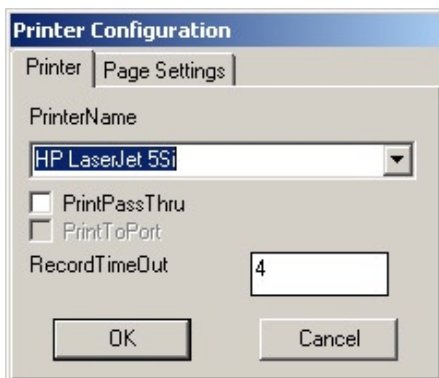
### ***Config Connection***

Offline – NSVT – TELNET – and Serial radio buttons: Select the type of connection you would like to use. For more information see *Configuring MS92 for Microsoft Pocket PC > Configuring the Connection*.

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## ***Printer Setup***

The Printer Configuration dialog box allows you to configure the following options:



*Printer Name:* Select an available printer from the list of printers attached to your computer.

*Pass Through Printing:* Minisoft's recommended print driver. Uses the Windows print driver to send all data including escape sequences to the printer. Selecting this option allows the host application to control the printer.

*Print To Port:* Print to a hardware port when a print driver is not available.

*Record Time Out:* Length of time, in seconds, to wait for data until the spool file is automatically closed.

*Page Settings:*

*Font Size:* If the dialog box has a Fonts option, additional fonts are available in either font cartridges or downloadable soft font files supplied by the printer vendor.

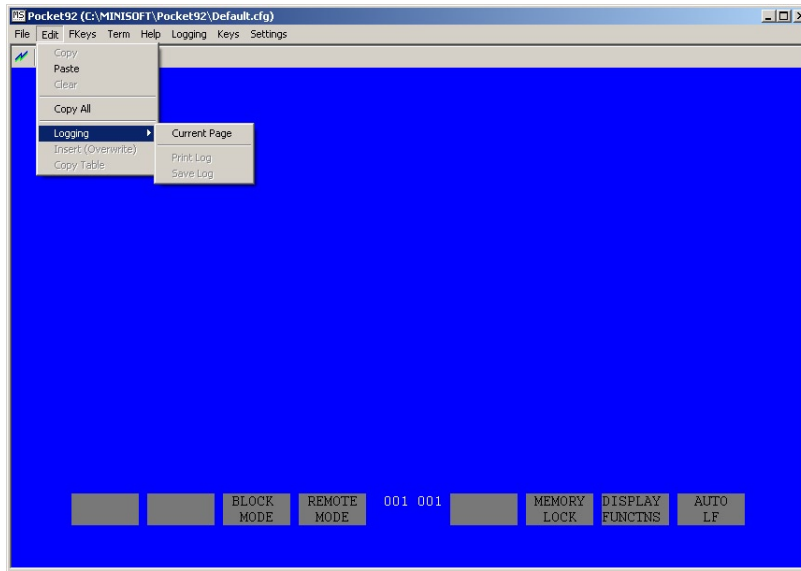
*Portrait/Landscape:* Default orientation.

## ***Exit***

Disconnects you from the host and terminates program execution.

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## *Edit Menu*



*Copy*: Copies selected text to the clipboard

*Paste*: Pastes the copied selected text from clipboard.

*Clear*: Clears text from the current screen.

*Copy All*: Everything currently in display memory is copied to the clipboard.

*Logging*:

*Current Page* - Copies current page to log.

*Print Log* - Prints contents of log file.

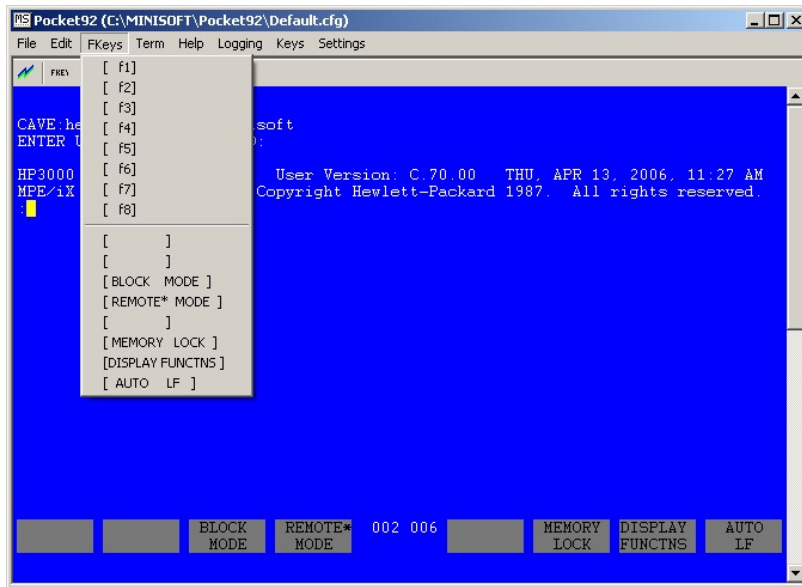
*Save Log* - Saves current log file.

*Insert* - Enables insert mode.

*Copy Table* - Copies selected data in table format.



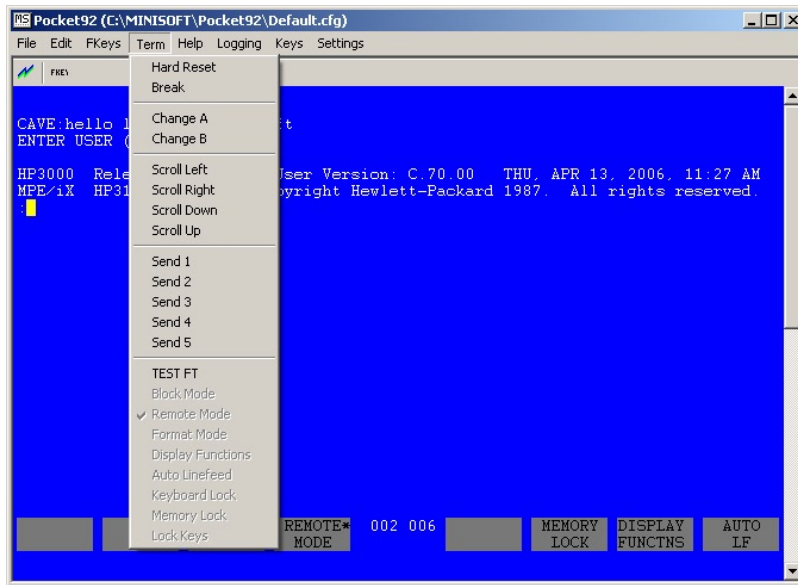
## *FKeys Menu*



User-defined keys, F1 through F8, display along the bottom of the screen (see *Configuring MS92 for Microsoft Pocket PC > Screen Configuration* for further information).

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## Term Menu



### ***Hard Reset***

Selecting Hard Reset or pressing Alt-R has the same effect as turning the terminal's power off and then back on.

### ***Break***

Selecting Break or pressing Alt-B while in remote mode breaks the connection to the host computer.

### ***Scroll Left / Right / Down / Up***

Displays a different section of the terminal screen by moving the focus in the selected direction.

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### *Send 1 - Send 5*

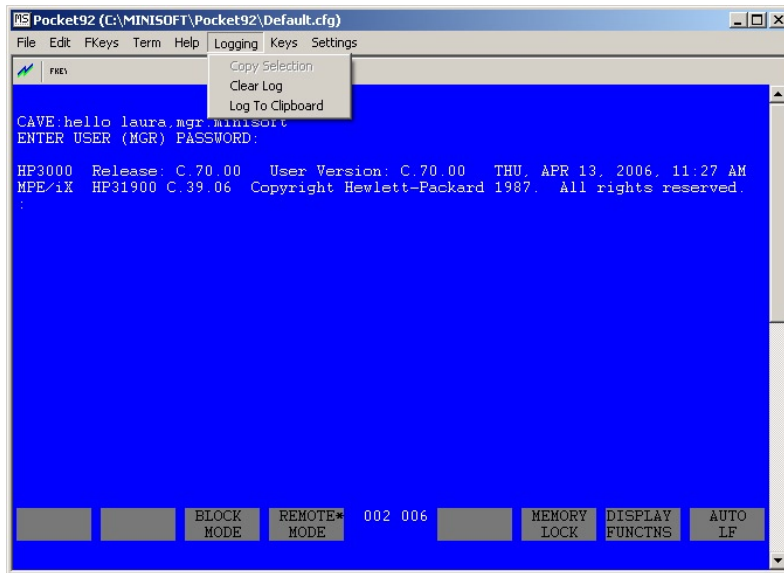
Selecting any of these submenus will execute a Macro command.

Macro commands are configured from the *File > Config Macro* (Macro Functions) screen.

## *Help Menu*

About Minisoft92 for Pocket PC. Version and Copyright information

## *Logging*



*Copy Selection* - Copies selected logging information.

*Clear Log* - Clears logging information from logging memory.

*Log To Clipboard* - Sends logging information to clipboard.

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## *Keys*

*Lock Keys* - Locks the function keys displayed at the bottom of the screen in place.

*Hide Keys* - Hides function keys that display along the bottom of the screen.

## *Settings*

*Save on Exit* - Saves configured settings on exit.

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# Configuring MS92 for Microsoft Pocket PC

When running Pocket92 for Microsoft Pocket PC for the first time, you must establish configuration settings in order to connect to a host computer. Configuration settings will allow you to control many options including fonts, column display and function keys that initially display.

## *Configuring the Connection*

Your connection type will be serial or network. If it is a network connection, you must configure the network type and node name or IP address for your host computer. If you plan to use WS92 to dial a host computer over a modem or connect using a DTC, configure for a serial connection.

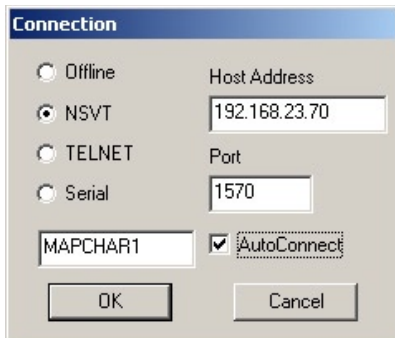
The following options are available to you when selecting *File > Config Connection*:

*Offline*: Disconnects you from the host through the network line but leaves the terminal window open.

*NSVT*: Enter the name or IP address of the host system and appropriate port number (default 1570).

Check the AutoConnect box if you wish Pocket92 for Microsoft Pocket PC to attempt a connection right after completing program startup.

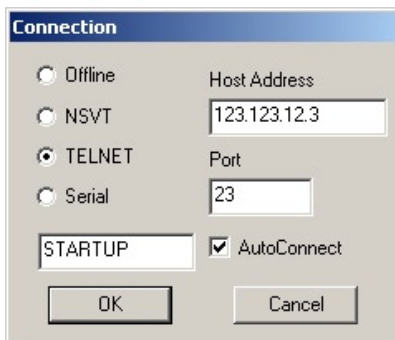
In the unlabeled text box, enter the name of a script file that you would like Pocket92 to execute after connection to the host has been established.



*TELNET*: Enter the name or IP address of the host system and appropriate port number (default 23).

Check the *AutoConnect* box if you want Pocket92 for Microsoft Pocket PC to attempt a connection right after completing program startup.

In the unlabeled text box, enter the name of a script file that you would like Pocket92 to execute after connection to the host has been established.

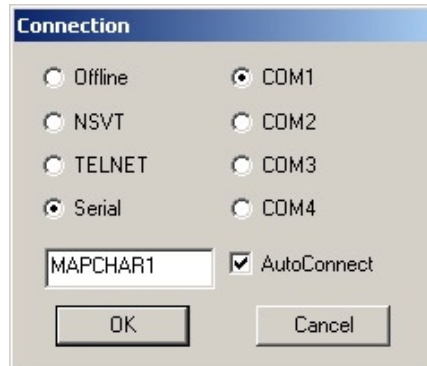


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*Serial:* Microsoft Pocket PC supports serial communications through COM1, COM2, COM3, and COM4.

Check the AutoConnect box if you wish Pocket92 for Microsoft Pocket PC to attempt a connection right after completing program startup.

In the unlabeled text box, enter the name of a script file that you would like Pocket92 to execute after connection to the host has been established.



When you have finished customizing the settings, click OK. Selecting OK activates your choices for just the current session. MS92 does not save configuration changes permanently until you select *Save* or *Save As* from the File menu.

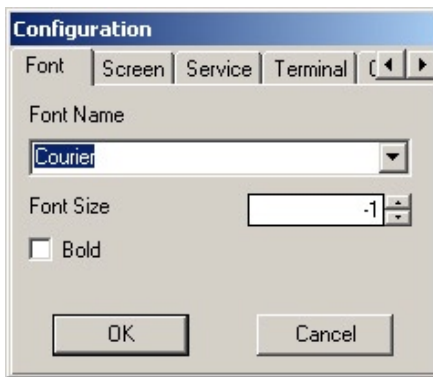
---

## Font Configuration

MS92 for Microsoft Pocket PC allows you to choose the font size and style that displays on the terminal emulation screen. The default font is *Courier New*. Fonts available are determined by what you have installed on your Pocket PC.

To configure the WS92 display font:

1. From the File menu select *File > Configuration*. The configuration font screen will then appear:



*Note:* Selecting *OK* activates your choices for just the current session. MS92 does not save any configuration changes permanently until you select *Save* or *Save As* from the *File Menu*.

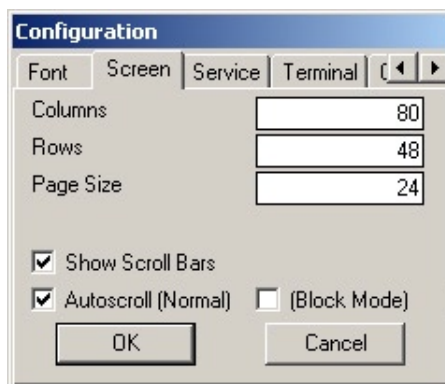


---

## Screen Configuration

To configure the MS92 screen display:

1. From the *File* menu select *File > Configuration*. The configuration font screen will then appear. Select the *Screen* tab:



*Column* - Screen width 80-132 columns.

*Row* - Screen height. Dependent on the device you are running the application on.

*Page Size* - Lines per page.

*Show Scroll Bars* - Displays vertical and horizontal scroll bars.

*AutoScroll (Normal)* - Scrolls the screen as the cursor moves.

*(BlockMode)* - Positions screen based on the cursor position. For example, if you have a screen that can only display 66 lines out of the 132-column width. When the cursor goes beyond the 66-column width the screen will then display 67-132 columns, allowing you to view columns in “blocks” (1-66 and 67-132).

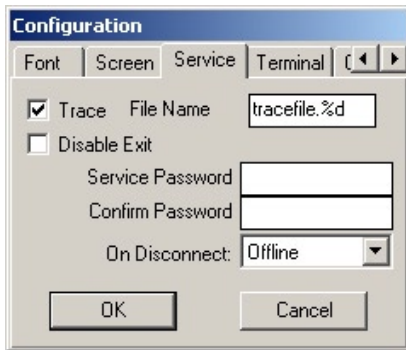
*Note:* Selecting *OK* activates your choices for just the current session. MS92 does not save any configuration changes permanently until you select *Save* or *Save As* from the *File* menu.

---

## Trace Configuration

Starting in version 1.0.2.2 a Trace tab has been provided to enable tracing and to specify the name of the trace files. Trace generates two files when the trace checkbox is checked and a filename is entered (.WPK and .RTF).

1. From the *File* menu select *File > Configuration*. The configuration font screen will then appear. Select the *Service* tab:

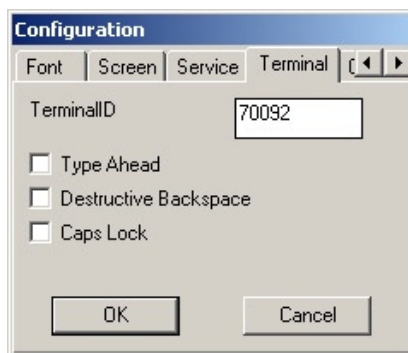


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## Terminal Configuration

To configure your Terminal ID:

1. From the *File* menu select *File > Configuration*. The configuration font screen will then appear. Select the *Terminal* tab:



The 2392A and 700/9x are more recent HP terminals, which certain HP software may not recognize. You may change the terminal ID by typing: 2624A, 2622A. This will not change the emulation features of MS92 but will allow the HP host software to recognize the terminal.

Some HP software packages support the 132-column on-screen display features of the 700/92 terminal. You must enter 70092 in the Terminal ID box for this feature to work in MS92.

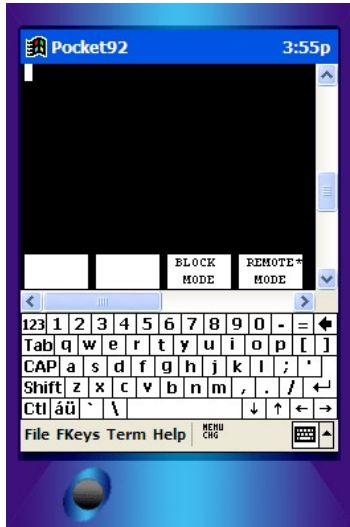
*Type Ahead*: A feature that allows a user to enter data at the keyboard before being prompted by the host computer.

*Destructive Backspace*: Causes the backspace key to erase characters as it moves the cursor to the left.

*Caps Lock*: Capitalizes all typed characters. Default is OFF.

---

# Keyboard Mapping



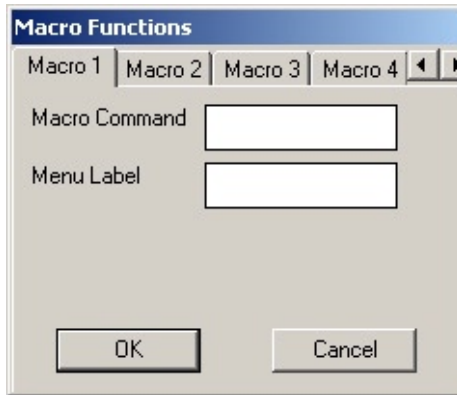
## *Shortcut Keys*

Break	Alt + B	Prev Fkeys	Ctrl + Pg Up
Clear to end of Display	Alt + J	Scroll Down	Ctrl Down Arrow
Delete Character	Del	Scroll Up	Ctrl Up Arrow
Delete Line	Alt + D	Start of Line	Home
End of Line	End		
Exit Program	Alt + F4		
Hard Reset	Alt + R		
Home Down	Ctrl End		
Home Up	Ctrl Home		
Insert Line	Alt + I		
Next	Pg Dn		
Next FKeys	Ctrl + PgDn		
Prev	Pg Up		

---

# Macro Configuration

Pocket92 for Microsoft Pocket PC can also be used to configure Macro's. To configure a Macro select *Config Macro* from the *File* menu.





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# Index

## Symbols

80-132 columns 25

## A

autoscroll 25

## B

blockmode 25

BREAK 28

break option 18

## C

caps lock 13

CLEAR 28

color

display enhancement 13

configuring MS92 21

terminal ID 27

config connection 11,21

NSVT 21

serial 23

TELNET 22

copy

to clipboard 16

## D

DELETE CHARACTER 28

DELETE LINE 28

destructive backspace 13,27

disconnect 11

display enhancement 13

do command

file option 12

do script

file option 12

## E

edit menu 16

END OF LINE 28

EXIT PROGRAM 28

## F

file menu 11

config connection 14

config macro 12

config screen 13

connect 11

disconnect 11

exit 15

load 12

run script 12

save 12

save as 12

fkeys configuration 14

FKeys menu 17

font configuration 13,24

font size 24

font style 24

---

## H

HARD RESET 28  
hard reset 18  
help menu 19  
hide keys 20  
HOME DOWN 28  
HOME UP 28  
horizontal scroll bars 25

## I

INSERT LINE 28

## K

keyboard mapping 28

## L

lock keys 20  
logging 16,19

## M

macro configuration 29

## N

NEXT 28  
NEXT FKEYS 28  
NSVT connection 21

## P

pass through printing 15  
paste  
  from clipboard 16  
pause recording  
  script 12  
pause script  
  file option 12

PREV 28  
PREV FKEYS 28  
printer setup 15

## R

record script  
  file option 12

## S

screen configuration 13,25  
  auto scroll 25  
  column 25  
  row 25  
  show scroll bars 25  
screen height 25  
script 12  
  do command 12  
  do script 12  
  pause recording 12  
  pause script 12  
  record script 12  
SCROLL DOWN 28  
SCROLL UP 28  
shortcut keys 28  
  break 28  
  clear 28  
  delete character 28  
  delete line 28  
  end of line 28  
  exit program 28  
  hard reset 28  
  home down 28  
  home up 28  
  insert line 28  
  next 28  
  next fkeys 28  
  prev 28



---

- prev fkeys 28
- scroll down 28
- scroll up 28
- start of line 28
- START OF LINE 28

## T

- TELNET connection 22
- terminal configuration 13,27
- term menu 18
  - break 18
  - hard reset 18
  - scroll down 18
  - scroll left 18
  - scroll right 18
  - scroll up 18
  - send 1 - send 5 19
- trace configuration 13
  - file extensions
    - .RTF 26
    - .WPK 26
- trace configuration menu 26
- type ahead 13,27

## U

- user-defined keys 17

## V

- vertical scroll bars 25

