

Programming Guide for M-1000P4 4 Lines Alpha Pager

Specification of M-1000P4

4 line Data display Pager



FEATURE LIST

General	POCSAG 1 bit or 2 bits burst error correction 4 Lines Alphanumeric Message Display Baud rate option for 512 bps or 1200 bps or 2400 bps Time and Data Display Message Time and Date Stamp Contrast Adjustable Display Message Lock Alarm Clock Auto On/Off with Calendar
Memory Capacity	64,000.character memory Up to 2,000 Characters per Personal Message Up to 4,000 Characters per Data Service Message 99 Message Slots Large 4-line, 80 Character Display Message stored in stack, first-in-first-out
Display	4 lines alphanumeric message Service signal indication Audio alert indication Vibration indication Music alert indication Alarm ON indication Auto ON indication Low battery indication Message lock indication Message delete indication Duplicated message indication Message full indication Next page indication
Alert	Audio, music, vibration, silent.
Address Capacity	4 address codes,
Battery Requirement	One cell "AAA"
Dimension and Weight	65x44x19m/m
Accessory	Belt case holder,

SPECIFICATION

Frequency Band	132-174MHz,279-286MHz,420-490MHz,929-933MHz.
Channel Spacing	12.5KHz, 25 KHz
Code Format	POCSAG CCIR#1(NRZ)
Deviation	
Mark Carrier Frequency	-4.5 KHz (max. -5 KHz)
Space Carrier Frequency	+4.5 KHz (max. +5 KHz)
Error Correction	1 bit or 2 bits burst error correction
Baud Rate	512 bps or 1200 bps or 2400 bps
Receiver System	Double superhet system
Battery Requirement	One cell "AAA" type 1.5V battery (1.2V~1.7V)
Typical Battery Life	Min. 600 hours / Alkaline battery
Paging Sensitivity	7uV/m @ 1200 bps,
Spurious Rejection	50dB
Image Rejection	50dB
Selectivity	65dB @ ±25 KHz
Frequency Stability	±10ppm (at 25°C)
Alert Tone Output Level	75db SPL (Signal Tone at 30 cm)
Battery Low Indication Voltage	1.05V±5%
Operating Temperature	-10°C~+50°C
Storage Temperature	-20°C~+60°C

Programming Manual

1. Computer Requirement:

- 1) IBM compatible PC with the 200 MHz Pentium II CPU or higher speed.
- 2) 64MB RAM and above.
- 3). 16MB RAM AGP interface

2. Operation Procedure:

- 1) Connect the 25 pins program plug into the computer parallel port LPT1.
- 2) Insert CD disk. Then click “4 Lines Pager” execution file to start the Programming operation. The software also can be installed into HDD Drive to execute the writing process.



3. M-1000P4 Key Functions' Description:

- 1) Address 1-4: 7 digits POCSAG cape code
- 2) Polarity: Signal polarity selection (default value normal)
- 3) Baud Rate: Data speed (default 1200 bps)
- 4) Language: Message language type (default value English)
- 5) Group Call: Group messages call set-up (default in disable).
- 6) Date Mode: Pager calendar type display (default in MM/DD/YY).
- 7) Inc Mode: Address digit with auto-increment by 1 set-up.
- 8) Self Number: Personal storage in 10-99 messages set-up.

- 9) Lock Number: Personal message in 8-98 protection messages set-up.
- 10) Title 01-12: Receiving message title set-up.
- 11) Logo Word: Power on LCD display messages.
- 12) Write: Programming the set data into the pager.
- 13) Read: Reading the data out from the pager.
- 14) Save: Save the current set data into this software.
- 15) Exit: Exit this programming screen.

4. M-1000P4 Set-Up Guide:

- 1) Address1~4: Press numeric key to input 7digits address. If the address is not in use, you can press “0” digit to select “close”. Address 1 is a personal use address, Address2, 3, and 4 are public address. And the address range must be set from the 8~2097151. If the group call is set either in the Group/Enable or Group/Self, the address 4 will be the same alert tone as the address 1.
- 2) Polarity: Click to select “Normal” or “Invert” signal polarity.
- 3) Baud Rate: Click to select 512 or 1200 or 2400 bps speed.
- 4) Language: Click to select the desired language type.
- 5) Group Call: Click to select the Disable, Enable/Group and Enable/Self set-up. The Enable/Group is for the group calls with the messages kept in the public mailbox. And the Group/Self is for the group calls with messages stored in the personal mailbox.
- 6) Date Mode: Click to select the desired calendar display type.
- 7) Inc Mode: Click to select the Disable or Enable feature mode. If this is set in the Enable, the Address digit will be automatically incremented by 1 no.
- 8) Self Number: Click to select the Personal storage in 10-99 messages.
- 9) Lock Number: Click to select the Personal message in 8-98 protection messages feature.
- 10) Title 01-12: Press any 4 digits for the receiving message title.
- 11) Logo Word: Press any 14 digits (maximum) for the initial Power on LCD display usage.
- 12) Write: Click to start the programming process.
- 13) Read: Click to Read the data out from the pager.
- 14) Save: Click to save the current set data into this software.
- 15) Exit: Click to exit this programming screen.

M-1000P4 4 Lines Alpha Pager Series

Operation Manual

OPERATION

Read message	Press "—" key to read, press "◀" or "▶" to select
Turn on mailbox alert	Select one message of the mailbox, press "●" key, select "▢", press "●"
Turn off mailbox alert	Select one message of the mailbox, press "●" key, select "▢", press "●"
Delete one message	Read the desired message, press "●", select "▢", press "●" key twice
Delete all message	Read the desired message, press "●", select "▢", press "●" key twice
Message protected/unprotect	Read the desired message, press "●" key, select "▢" or "▢", press "●" key
Set private message alert	Select "▢", press "—" key, use "◀" or "▶" to select the alert, press "●" key
Key tone On/Off	Select "▢", press "—" key, select "▢" or "▢", press "●" key
Set time/date	Select "▢", press "—" key, use "—" or "◀" to adjust, press "▶" to move cursor, press "●" to confirm
Set alarm	Select "▢", press "—" key, use "—" or "◀" to adjust, press "▶" to move cursor, press "●" to confirm
Set LCD Contrast	Select "▢", press "—" key, use "◀" or "▶" to adjust, press "●" to confirm
Set auto On/Off power	Select "▢", press "—" key, use "—" or "◀" to adjust, press "▶" to move cursor, press "●" to confirm
Power off	Select "▢", press "—" key twice
Turn On/Off light	Hold "●" key for a moment

ICON SPECIFICATION

◊ : Power indicator	▢ : Delete one message	[▢ 01/99]: Message sequence number/amount
▢ : Signal range	▢ : Delete all message	▢ : Private message
▢ : Voice alert	▢ : Message protected	▢ : Current private message icon
▢ : Vibration alert	▢ : Unprotect message	▢ : Protected private message icon
▢ : Low battery indicator	▢ : Turn on mailbox tone	▢ : Current protected private message icon
▢ : Message protected	▢ : Turn on key tone	▢ : Standard alert
▢ : Alarm turn on	▢ : Turn off mailbox tone	▢ : Vibration alert
▢ : Unread message	▢ : Turn off key tone	▢ : Silence alert/turn alarm off
▢ : Duplicate message	▢ : Auto turn on/off power disable	▢ : Alarm clock indicator
▢ : Unread message indicator	▢ : Auto turn on/off power enable	▢ : Time limited of service
● : Confirm/exit key	◀ ▶ : Selection key	— : Read key

REMARK

1. When there is unread private message, short voice alert clew every 2 minutes, remain 30 minutes
2. Set one message of the mailbox on alert or silence, total messages of the mailbox on alert or silence

FCC Compliance and Advisory Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, according 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 correct the interference by one or more of the following measures: 1. Reorient the receiving antenna. 2. Increase the separation between the equipment and receiver. 3. Connect the equipment into and outlet on a circuit different from that to which the receiver is connected. 4. Consult the dealer or an experienced radio/TV technician for help. Any special accessories needed for compliance must be specified in the instruction manual.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

CAUSION: Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

IC statement: This Class B digital apparatus complies with Canadian ICES-003.Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

Wireless Devices Inc. (Taiwan)

