



Pendant Transmitter (POCSAG)

Model No. M-820L (Frequency Synthesized ver)

Operation Manual

Wireless Devices Inc. (Taiwan)

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The M-820L Portable transmitter is designed to directly page the nurses or health care persons with a single “*Bell* button” depressing. No need to dial telephone to get the helps. And the installation is simple without any wires connections. Also, the operation is easy to access the quick emergency aids. Calling Nurse for helps? You can simply just by pressing the “*Bell*” button.



Specifications

Mode No.	M-820L
Paging format:	POCSAG CCIR #1 Direct paging to pager.
Frequency::	410~490MHz. 868-915MHz Frequency Synthesized.
Baud rate:	512bps / 1200bps / 2400bps.
Message:	Numeric and Alphanumeric (Max 40 Character).
Message data:	Numeric or Alphanumeric.
RF output	0.1mW -13mW Programmable
Modulation:	FSK ,NRZ.
Deviation:	4.5Khz.
Stability:	±10 ppm.
Pager Capacity:	1 Button
Battery:	Type 23A Alkaline battery.
Battery life	about 1 year (5 Time per day).
Programming I/O:	via USB with P/C.
Size:	80mm X 42mm X 18mm.
Housing Color:	White (other desired colors in minimum 500PCs per order).
Model Weight:	29gs (with battery).

A. How to program the M-820L



1). Open the M-820L battery cover and take out battery



2). Insert the USB programming cable into the M-820L set



3). Connected USB cable to P/C or N/B computer

4). Install the programming CD software on your P/C or N/B computer

5). Click  WDIT W1 CapCode Programmer V3.00

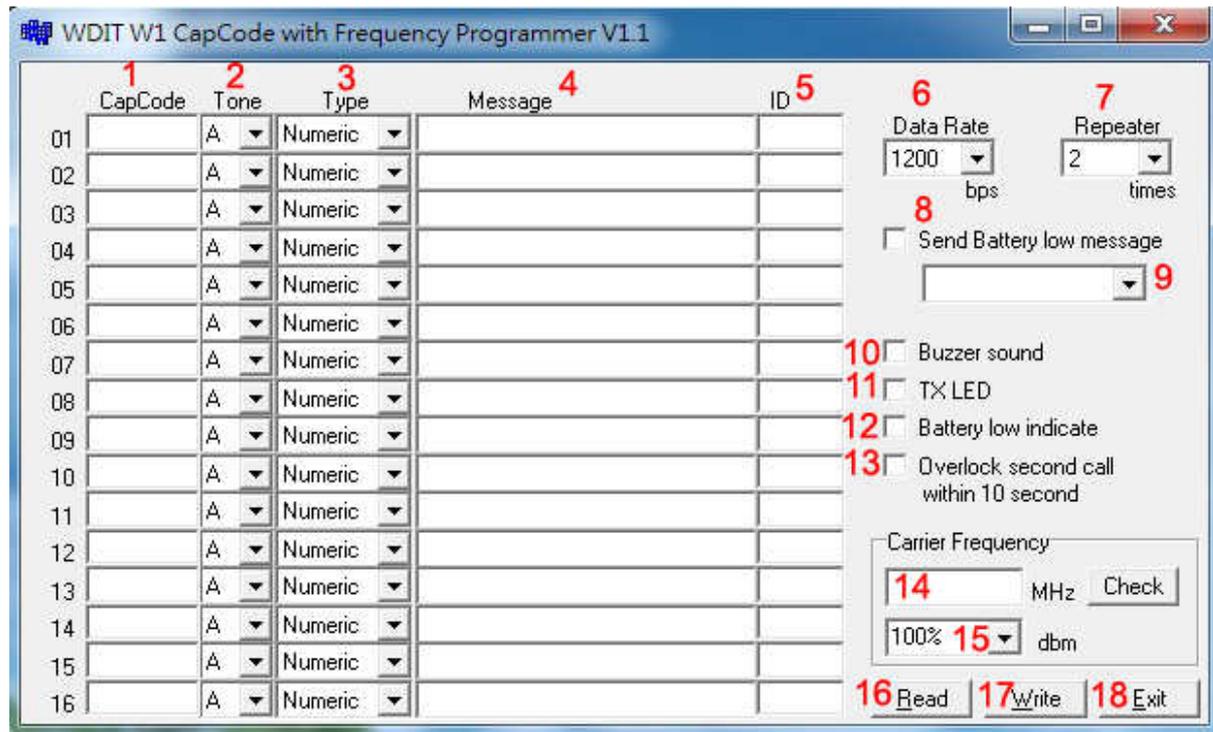
M-820L Tips to set up the programming parameters

1. Install the WDI T W1 programming AP execution file



2. Click W1 and then run the programming software.
3. Connect the USB plug into the your device and the PC USB port .

Example Programming Screen as Below:



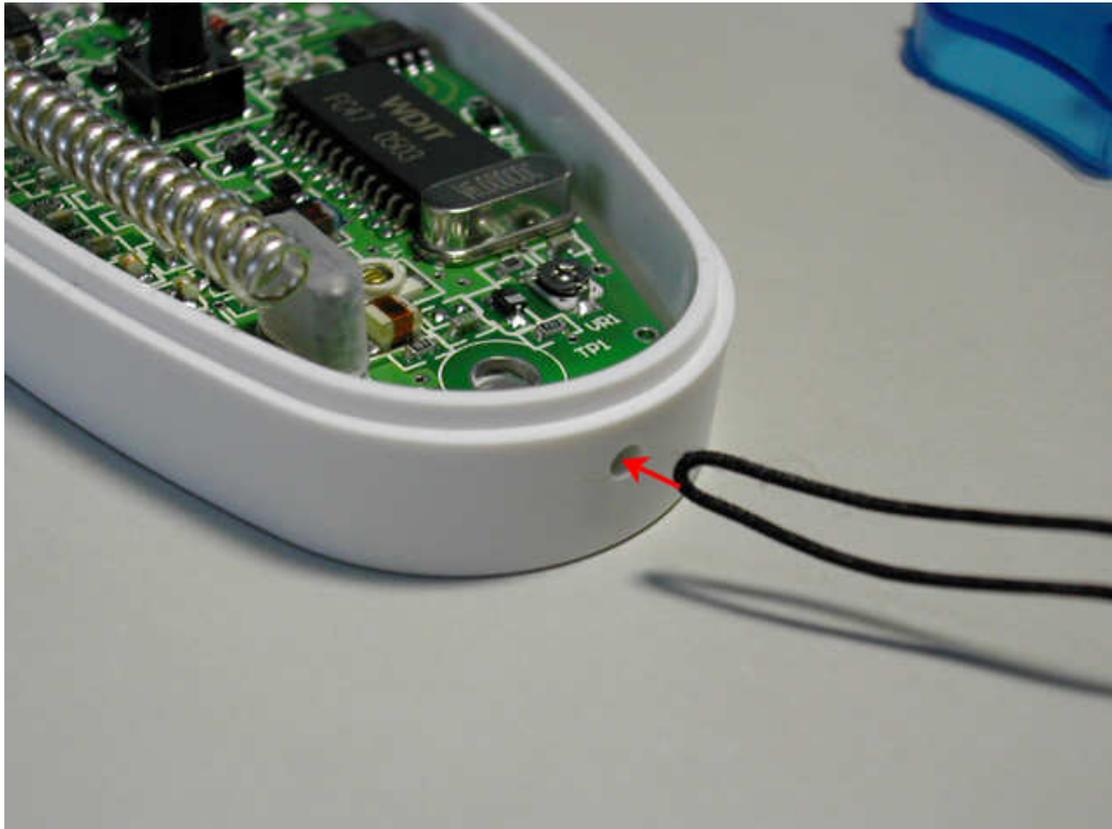
1. Cap code : 01-16 POCSAG address range 0000008-2097151 for POCSAG encoder option.
2. Tone A,B,C,D : For pager alert tone for POCSAG encoder option.
3. Type : For pager numeric or alphanumeric type selection.
4. Message : Pre-programming the encoder messages for pager contents
5. ID : For the ID call system such as each specific nurse ID set-up.
6. Data Rate : POCSAG data speed and baud rate in 512bps or 1200bps or 2400bps types.
7. Repeater : Each paging to be calling repeated times.
8. Send Battery Low Message : ✓ Sending the battery low alarm message by wireless
9. Activate the battery low alarm by any capcode 01-16 selection.
10. Buzzer sound : ✓ for the transmission beep sound.
11. TXLED Transmitter LED : ✓ for the transmission LED indication.
12. Battery Low Indicate : ✓ for the battery LED indication.

13. Overlock second call within 10 second :✓ Prohibited Duplicate calling within 10 seconds.
14. Carrier Frequency: For the Radio Frequency set-up (simply key-in your own frequency).
15. dBm : RF carrier output power set-up.
16. Read : Reading the programmed contents from your devices.
17. Write : Write the programming contents into your devices.
18. Exit : Exiting the programming screen.

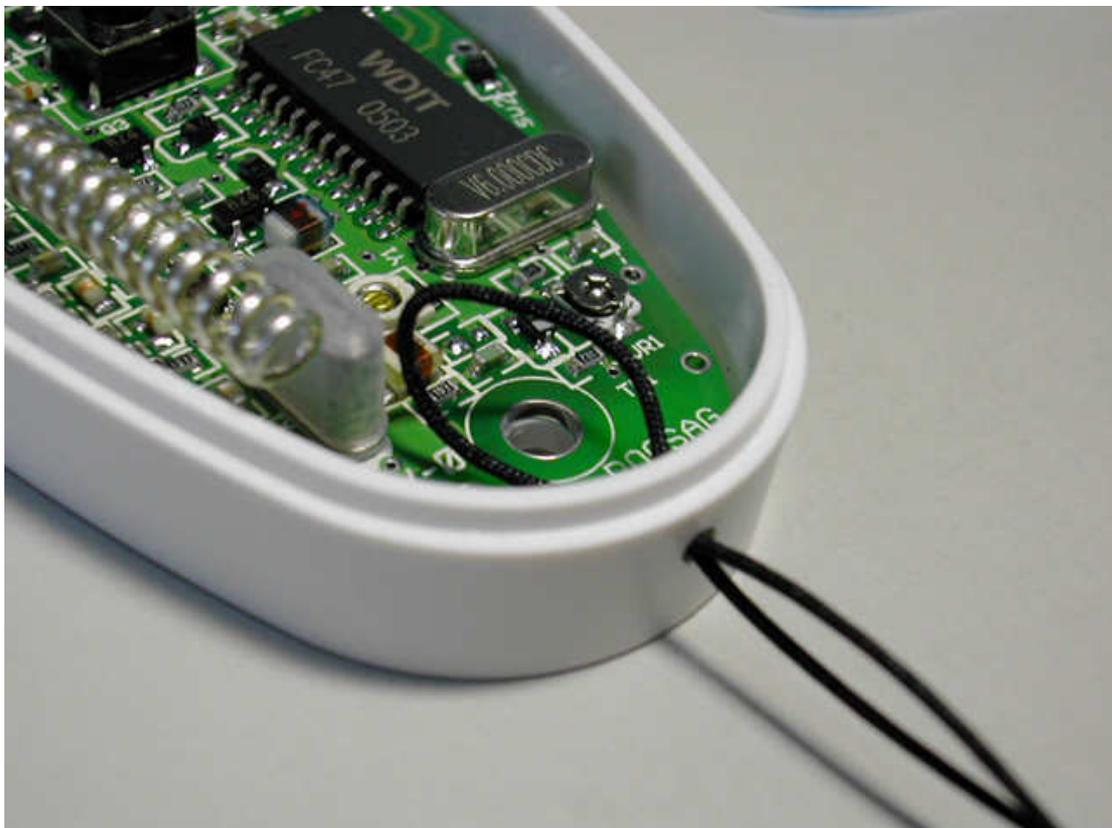


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B. How to insert a necklace hanger string into M-820L



1. Use the screwdriver to open the rear case first. Then insert the necklace hanger string thru the side case hole as shown on the above picture.



2. Put the string thru the case side hole and place on the case holding post.



3. Carefully close the case and put the screen back on.



4. Plug in both strings' conjunction connectors and ready to use it.



 **Wireless Devices Inc.**

(Made in Taiwan)