Wireless Devices Inc. (Taiwan)

PC Base Paging System (POCSAG)

(Option with 300 subscribers and 30 can messages data base)

Model No. EM-898 Series

Operation Manual
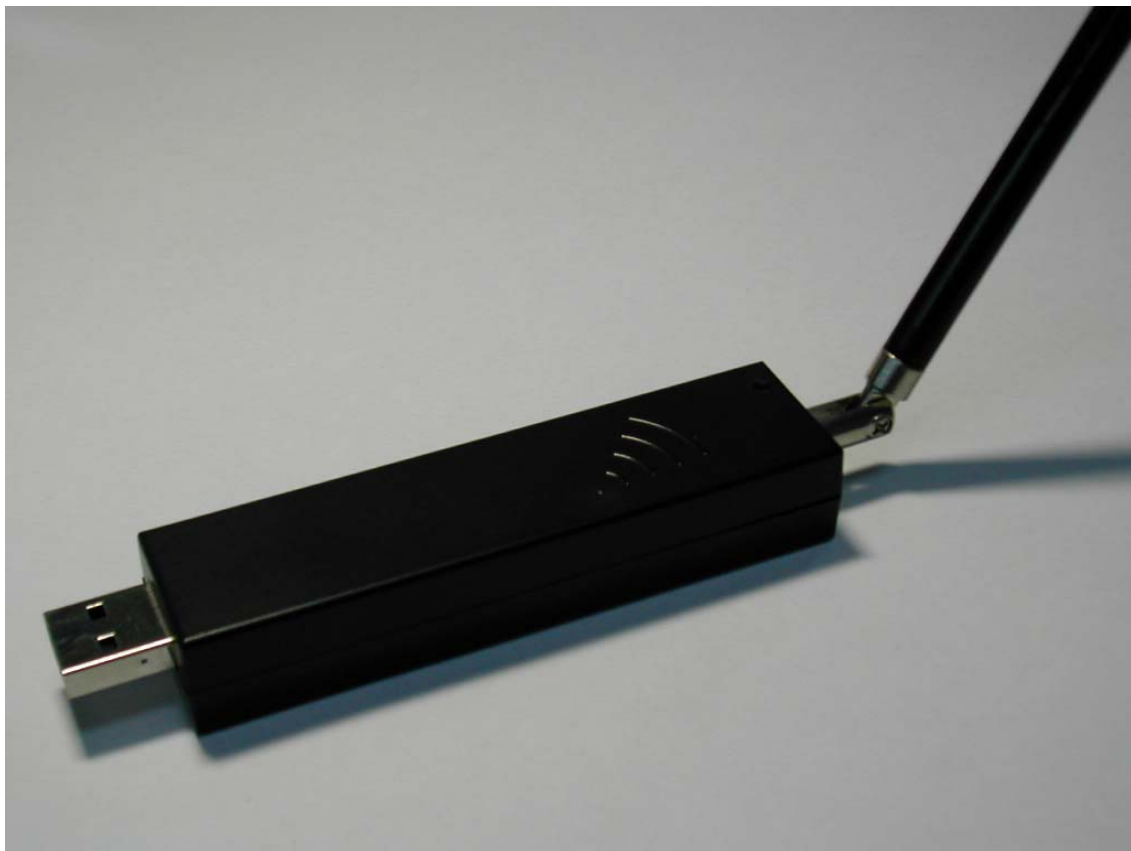
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688157M571419

The EM-898 paging device series is designed to automatically and instantly page the e-mail subscriber within the coverage area once the P/C or Notebook receives the incoming e-mail messages. Also, you can take it as your owned office paging system.

The EM-898-10 is built-in 10mW Transmitter.

The EM-898-50 is built-in 50mW Transmitter.

The EM-898-100 is built-in 100mW Transmitter.

The EM-898-150 is built-in 150mW Transmitter.

Specifications

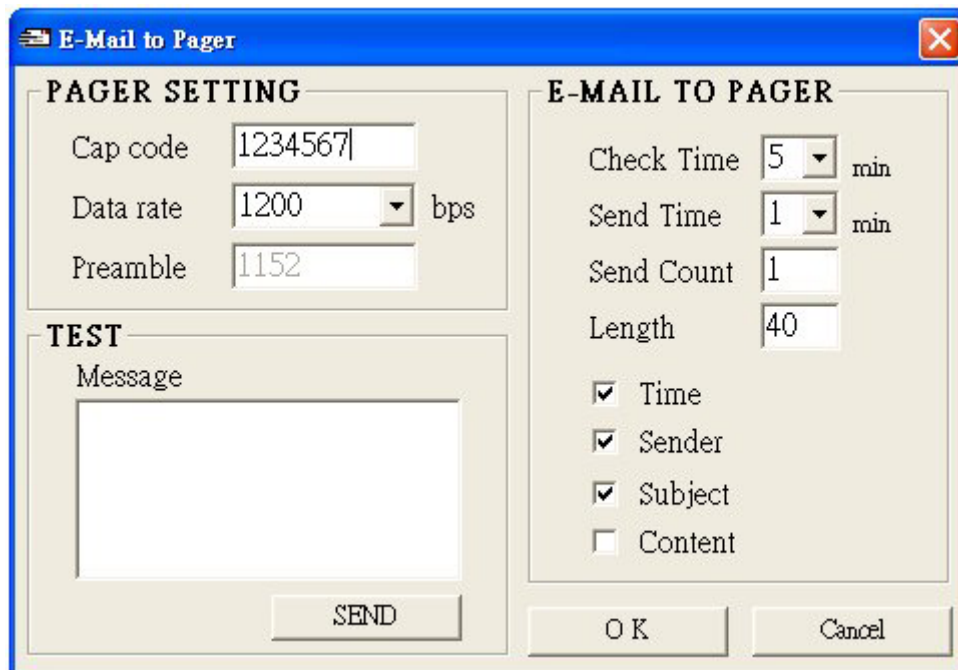| Item NO.	EM-898-10/50	EM-898-100	EM-898-150
Frequency:	One Channel from 410MHz to 490MHz by crystals controlled.		
Frequency Stability::	10 ppm at 25ºC.	10 ppm at 25ºC.	10 ppm at 25ºC.
Paging format:	POCSAG		
Baud rate:	512bps / 1200bps / 2400bps.		
Message data:	Numeric or alpha-numeric, max 40 characters per each paging		
RF output	10~50mW	100mW	150mW
Modulation:	FSK ,		
Deviation:	4.5Khz		
Operation Temp:	-20ºC ~ +70ºC.		
Pager Capacity:	from 8 to 2097151 Pager Capcode		
Operating Voltage:	+5V from USB port		
Coverage distance	about 8,000 square Meter	about 50,000 square Meter	about 85,000 square Meter
Size of Housing::	90mm X 23mm X 16mm	90mm X 23mm X 16mm	90mm X 23mm X 16mm
Model Weight:	30gs	32gs	38gs

A. Operation Instructions

1. Connect the EM-898 into the USB port of your P/C or N/B

2. Install the [eMailToPager] software CD execution file into your P/C or N/B

3. Click **[eMailToPager]** icon to run the application software.

Example Programming Screen as below

a. **Capcode :** This is for 7 digits POCSAG address. And it must be same as the used receiving pager.

b. **Date rate :** This should also be set on the same speed rate with the used pagers.

And the baud rate is in POCSAG 512bps or 1200bps or 2400bps type only.

c. **Check Time :** Check times per minute for your e-mail messages incoming.

d. **Send Time :** Message forwarding to the receiving pager per set minutes.

e. **Send count :** Counting for message forwarding times.

f. **Length :** Each forwarding alphabet length (maximum in 40 characters).

g. **Time:** With or without the forwarding e-mail message containing the actual receiving time.

h. **sender:** With or without the forwarding e-mail message containing the sender name.

i. **Subject:** With or without the forwarding e-mail message containing the subject contents.

j. **Content:** With or without the forwarding e-mail message containing the e-mail contents.

k. **TEST:** The EM-898 can be operated as a simple on-site office paging transmitter. Simply types in your desired message in this block and click the **[SEND]** icon to start the transmission to pager.

Option [Office Pager] OS operations

2. Install the [Office Pager] software CD execution file into your P/C or N/B

3. Click **[Office Pager System v1.0]** icon to run the application software.
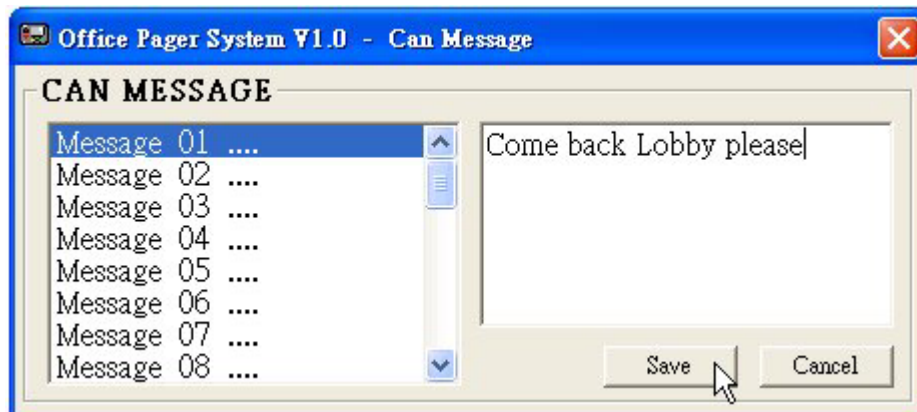

OS set-up

Click [Setting] for contents set-up

Set-up Pager No. Name, Cap code, data rate, State, and type of message….

State =Y is enable

State =N is disable

Click [Can Msg] icon to set-up the 30 can message files
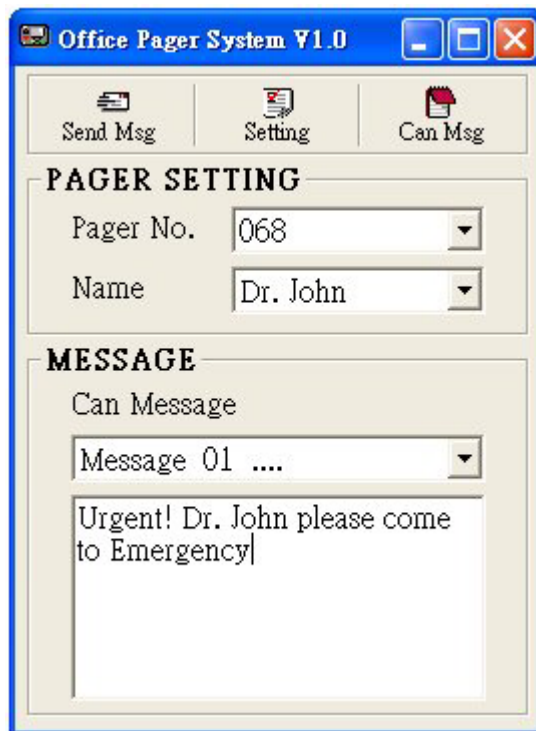
Click [Save] icon to Save the can message files

Also you can either select the can message or directly key in the message

Click [Send Msg] to sending to pager (on-air)

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