

# **INSTRUCTIONS**

Electronic Scrolling Message System with remote control

## YOUR PROGRAMMED MESSAGES

#### **Banner**

. M1		M2
M3		M4
M5		M6
M7		M8
M9	,	MO

## THE MESSENGER

## Electronic scrolling message system

## INTRODUCTION

The Messenger is the most cost effective electronic scrolling message system available. Designed for your car and business. The Messenger is perfect for communicating for thoughts in all situations.

### **FEATURES**

- · Simple to use
- · DIY easy installation, no screws or tools required
- Select & display a message in an instant with a single button press
- Fast, slow & mirror scroll modes
- Automatic repeating banner message upon power up
- Program your own messages from the remote control using characters, numbers & special symbols
- Construct your message from the built in word & phrase library
- Last message replay button or up to 16 messages sequence
- Smart IR sensor allows remote control from the rear of the unit
- Control multiple +Messenger+ using one remote control
- Action Indicator LED
- Adjustable viewing angle (360°)
- Self adhesive feel for mounting on windows or other smooth surfaces
- UV stabilized color polycarbonate/ABS casing
- Powered from a 12V DC car lighter outlet via a long 4 m cord or use an 12 / 24 Volt DC 3 amp mains AC adapter (not included).

### **APPLICATIONS**

#### **DOMESTIC VEHICLES**

Bumper sticker slogans, send general messages to other drivers

### **COMMERCIAL VEHICLES**

Corporate signatures, business names, addresses, phone numbers

#### SHOPS, GARAGES AND DEPARTMENT STORES

 Display exit and entry information, aisle and product locations, opening hours

#### **BARS, RESTAURANTS & SERVICE COUNTERS**

- Announce specials, discounts, new products, returning soon BUSINESS RESCEPTION
- Discourage hawkers, display daily proverbs, delivery information, mission statements and product marketing

#### **IN & AROUND YOUR HOME**

 Welcome and birthday greetings, leave messages for family members and guests

### **IMPORTANT SAFEGUARDS**

Read these instructions carefully before installing or using the product. Keep them handy for future reference.

Important – always operate the product by plugging into the lighter outlet of your car or use a 12 / 24 Volt DC 3 amp mains AC adapter.

Never plug directly into mains power.

DO NOT use if the power cable is damaged.

DO NOT remove car lighter plug as it contains a safety fuse.

DO NOT expose the product to humid environment.

DO NOT cover the end cap slots as the product may overheat.

DO NOT use the product for other than its intended use as described in these instructions.

DO NOT disassemble unit

Use only in a clean, dry, dust free environment.

The use of accessary attachments other than those recommended by the manufacturer may cause safety hazards.

#### **BEFORE FIRST USE**

Carefully unpack the product making sure you keep all packing material until all the parts of the product have been found and the product has been used.

Dispose of packaging, plastic bag, etc. correctly. Plastic bags are hazardous to small children.

To remove any dust that may have accumulated on the product during packing, wipe the exterior with a clean damp cloth and dry thoroughly.

DO NOT immerse the product, its cable or plug in water or use abrasive cleaners that may scratch the surface.

## **INSTALLATION INSTRUCTIONS**

Recommended for use from  $0 - 70^{\circ}$  C only, DO NOT obstruct the vehicles driving controls. For indoor use only.

## RECOMMENDED MOUNTING

(rear window – behind right rear headrest)
Ensure IR sensor & action indicator are visible in rear view

For best results remove window tinting (if fitted) from viewing mounting area (390 x 70 mm).

Consult your window tinting specialist for guidance.

Clean glass surface – no glue, grease or dirt. Use a non-greasy cleaner.

Remove paper from one side of the adhesive pad.

Secure the pads to the recessed surface on the mounting feet.

Once pads are secured to mounting feet remove paper from the exposed side of both pads. (Cable exits from the bottom of the unit). Secure mounting feet to glass surface in desired position. Ensure correct position as mounting pads can NOT be reused.

Rotate housing so that the display is vertical for best viewing.

Run the 4 m cable along the edge of the seal and under the carpet to the lighter outlet.

Use extreme care to protect the cable from damage caused by sharp edges, the chair slide, passenger etc. Insert plug in lighter outlet. DO NOT obstruct any driving controls.

## **OPERATING INSTRUCTIONS**

### **TURNING POWER ON**

Use accessories position on ignition (some care may require ON position). Wait for 5 seconds for to start running

#### **REMOTE CONTROL**

Remove battery cover. Insert two AAA batteries, observe correct orientation.

Replace battery cover, dispose of used batteries safely. NEVER dispose of a battery in a fire. Point towards the Messenger (or via rear – view mirror). Confirm button press by observing action indicator light.

CANCEL SYMBOLS EDIT SET UP ERASE BRIGHTNESS LIBRARY DOWN PLAY BANNER CHARACTERS, NUMBERS & SYMBOLS
SHIFT
ONLY
STORE
M0-M9
UP
SPACE
SPEED
MIRROR

## **OPERATING INSTRUCTIONS**

#### **CREATING MESSAGES**

+Messenger+ has 10 memory hot keys that display pre programmed messages when pressed. To program your own messages:

- 1. To enter text press EDIT
- 2. Last message will be displayed, to remove text press ERASE, to clear entire message press DOWN.
- Use alphanumeric keys to input required message.
  Press same key quickly to advance through characters,
  wait 1 second to use same letter again, or press next
  required character.
- 4. To insert a library word or phrase press LIBRARY then followed by the library number ie: 06 or 41 etc.
- To insert a space press SPACE. To change characters to lower case press SHIFT.
- Once you have completed your message press PLAY once to check this message. If you are unhappy with this message then press EDIT again to display the message for alteration.
- After modification press PLAY again to display your message (only press play once).
- If your are happy with this message, store your message in the memory keys by pressing STORE, then followed by M0 to M9 or BANNER of your choice.
- Your message is now stored in this memory location and can be replayed at any time by simply pressing this memory key.

Note: +Messenger+ has a maximum memory capability of 470 characters. Up to 80 characters can be programmed into memory locations however the total sum of the messages stored cannot exceed 470.

Some words are displayed as \*\*\*\*, the Messenger has a built-in filter which prevents the use of some words.

## **PLAYING MESSAGES**

- To play a message stored on a memory hot key: press M0 to M9.
- To play a word or phrase stored in the inbuilt library: press LIBRARY followed by the library number, ie: 06 or 41 etc.
- 3. To play the banner message press BANNER
- 4. To play the current message continuously: press ONLY
- 5. To play messages backwards: press MIRROR

### PROGRAMMING A SEQUENCE OF MESSAGES

Up to 16 messages can be replayed in a sequence from the memory of the unit.

To program a sequence:

- 1. First clear all stored messages to ensure no unwanted messages are included. Press SETUP followed by ERASE.
- 2. Play required messages from Memory keys, Banner message or Library phrases in the order required.
- 3. To remove last played message form sequence press
- 4. Once you have played the sequence of messages you require, press PLAY to play sequence once, or PLAY/PLAY to repeat sequence continuously.
- 5. To turn off the message scroller press CANCEL
- 6. To save message sequence for next power up press SETUP and then STORE

## **ADJUSTING THE SPEED OF THE DISPLAY**

To increase the speed of the display:

1. Press SPEED, followed by UP, continue to do this until required speed is achieved.

To decrease the speed of the display:

1. Press SPEED, followed by DOWN, continue to do this until required speed is achieved.

#### ADJUSTING THE BRIGHTNESS OF THE DISPLAY

To increase the brightness of the display:

1. Press LIGHT, followed by UP, continue to do this until required brightness is achieved.

To decrease the speed of the display:

1. Press LIGHT, followed by DOWN, continue to do this until required brightness is achieved.

#### UNDERSTANDING THE LED INDICATOR

The +Messenger+ is filled with an LED indicator on the rear of the unit, which allows a visual representation of any action. Single button presses will provide a short blink. When messages are displayed fast blinks will occur, with a long continuous blink once the message has finished.

## WORDS AND PHRASES

- 00. Say it with +Messenger+
- 01. Become a doctor and support a lawyer
- 02. Everybody is entitled to my opinion
- 03. Forget about world peace ... Visualize using your turn
- 04. Honk if you love peace and quiet
- 05. I brake for no apparent reason
- 06. I get enough exercise just pushing my luck
- 07. If the universe is expanding ... Why can't I find a parking
- 08. If you can read this, I can hit my brakes and sue you
- 09. I'm an optimist, but I don't think it helps
- 10. Insanity is hereditary ... you get it from your kids
- 11. Lottery ... A tax on people who are bad at math
- 12. Make it idiot proof and someone will make a better idiot
- 13. My other car is a Porsche
- 14. My wife complains I never listen ... Or something like that
- 15. Non-conformists are all alike
- 16. Out of my mind ... Back in ten minutes
- 17. Please tailgate, I need the money
- 18. Pride is what we have ... Vanity is what others have
- 19. Seen it ... Done it ... Can't remember most of it
- 20. Stop repeat offenders. Don't re-elect them
- 21. The difference between genius and stupidity ... Genius has it's limits
- 22. Time is what keeps things from happening all at once
- 23. Trust in God he will protect
- 24. Under labour, man exploited man. Under liberal, it's just the opposite
- 25. When everything's coming your way, you're in the wrong
- 26. When God created man she was only joking
- 27. Why is "abbreviation" such a long word?
- 28. Women who seek to be equal with men lack ambition
- 29. You can't be late until you show up

#### CAR

- 30. Baby on board
- 31. Back off
- 32. Child on board
- 33. Children crossing
- 34. Detour ahead
- 35. Dim your lights
- 36. Follow me
- 37. Go round 38. Help me
- 39. Keep left
- 40. Keep right
- 41. Look out ... bike ahead
- 42. Move over
- 43. On tow
- 44. Pedestrian crossing ahead
- 45. Reversing
- 46. Roadworks ahead ... slow down
- 47. School zone ... slow down

- 48. Slow down
- 49. Turning left
- 50. Turning right
- 51. Your door is open
- 52. Your lights are on
- 53. Your lights aren't working
- 54. Zebra x'ing ahead

#### RETAIL

- 55. Back in 10 minutes
- 56. Don't ask for credit ... he doesn't work here anymore
- 57. Gone to lunch ... back soon
- 58. Holiday opening hours
- 59. No cheques accepted
- 60. No drugs kept on premises
- 61. No money kept on premises
- 62. Position vacant ... Apply within
- 63. Sorry we are closed ...
- 64. Today's specials ...
- 65. Trading hours
- 66. We close at
- 67. We open at
- 68. We will be closed
- 69. We will be closed for the holidays
- 70. Yes ... we are open
- 71. 8.30 am
- 72. 9.00 am
- 73. 4.30 pm
- 74. 5.00 pm
- 75. 5.30 pm
- 76. 6.00 pm

## **OFFICE**

- 77. Closed for ......
- 78. Deliveries to rear door
- 79. No door- to- door salespersons
- 80. No entry
- 81. No hawkers
- 82. No smoking
- 83. Please wait
- 84. Use other door
- 85. We have moved
- 86. Welcome

## WORD

- 87. Caution
- 88. Call
- 89. Contractor
- 90. Danger
- 91. Fax
- 92. Minutes
- 93. Mobile
- 94. Now
- 95. Phone
- 96. Please
- 97. Stop
- 98. You