

# **PAGING ADAPTOR FOR CAR SECURITY SYSTEMS**

## **FEATURES**

### **MAIN UNIT/TRANSMITTER**

- Up to 2 miles paging range\*\*
- 1 million codes
- 3 zone alarm paging indicating what is happening in the car
- Trigger/Control Inputs compatible to most car alarm systems
- Power Antenna Output for Automatic Antennas
- Standard Car Antenna Sockets for Antenna and Radio

### **PAGER /RECEIVER**

- One Pager can monitor 3 cars
- Alpha-Numeric 7 segment LED Display for vehicle and zone identification.
- Two audible beep tones for Alarm and Manual Paging
- Vibrating Silent Mode with LED Readout
- Unattended Page Signal Reminder
- Low Battery Indication
- Memory for last 6 page signals
- EEPROM IC keeps all system codes without battery over 1 year

### **REMOTE MANUAL PAGING SWITCHES BOX**

- Beep the Pager by pressing a button
- 3 different signals indicated by different LED color
- RF Output Indicator

\*\*Paging range depends on antenna system, location, buildings and RF interference.

## **OWNER'S MANUAL**

MODEL NO. : MP300V

Please read before using this equipment

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# **PAGING ADAPTOR**

## **WITH VIBRATING PAGER**

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## INSTALLATION

### WIRING

- RED WIRE** - Connect to positive (+) Battery terminal with supplied fuse holder.
- BLACK WIRE** - Connect to chassis ground.
- BROWN WIRE\*** - Connect to STARTER DISABLE or SIREN OUTPUT of the alarm system.
- GREEN WIRE\*** - ZONE 1 (Display : 1). Connect to a trigger input of the alarm system, ie. SHOCK/MOTION SENSOR.
- ORANGE WIRE\*** - ZONE 2 (Display : 2). Connect to a trigger input of the alarm system, ie. DOOR trigger.
- PINK WIRE\*** - ZONE 3 (Display : 3). Connect to a trigger input of the alarm system, ie. HOOD/TRUNK trigger.
- GRAY WIRE** - Connect to Automatic Antenna positive (+) trigger wire.

\*These four wires are set for a negative (-) trigger. Cut the respective color wire loop to change to a positive (+) trigger to match to the alarm system if necessary.

### ANTENNA CONNECTION

There are two antenna jacks located at the back of the Main Unit

**ANTENNA** : Plug the car antenna into this jack.

**RADIO** : Using the supplied male-to-male antenna adaptor plug, connect the car radio to the unit.

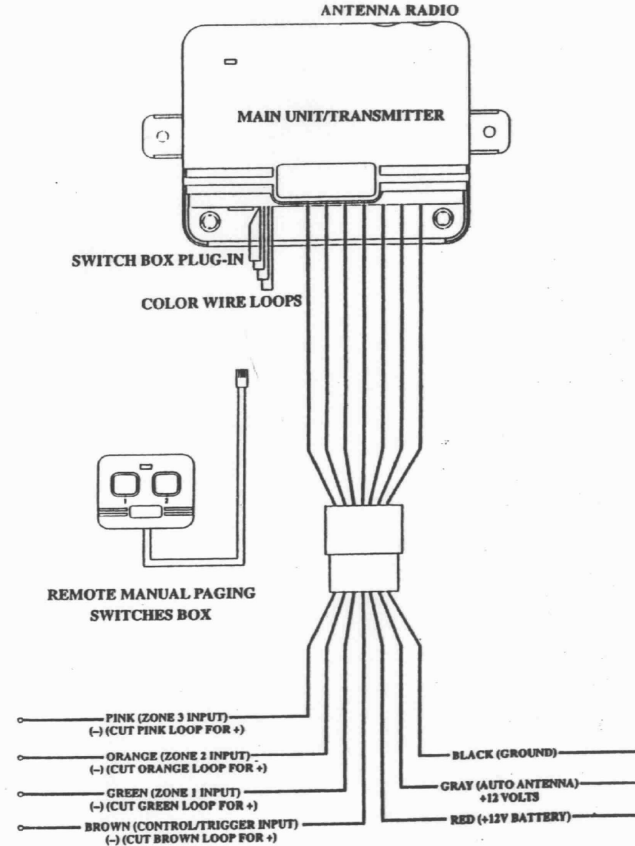
### MAIN UNIT/TRANSMITTER

Position the Main Unit near the car radio so the car antenna can be plugged into the antenna jack.

### REMOTE MANUAL PAGING SWITCHES BOX

Stick this switch box onto the dash panel with the supplied double-side-tape.

Connect the switch box to the Main Unit by plugging in the modular connector.



## **PAGER MEMORY**

The Pager can maintain system codes in its EEPROM IC without power for over one year.

The Pager does not need to re-learn codes after battery replacement.

Stored codes cannot be erased. The only way to change codes is to learn new codes to "overwrite" the old codes.

If the same system code is learned from a same Main Unit to all three code locations, the Pager will treat all codes as the CAR #1.

## **TRANSMITTING THE SIGNAL**

The Main Unit will transmit when:

1. The CONTROL/TRIGGER is activated for over 2 seconds and ZONE1 and/or ZONE 2 and/or ZONE 3 is activated; or
2. One or both switches on the Remote Manual Paging Switches Box is pressed.

The Main Unit will transmit for approximately 30 seconds.

If trigger remains active, the unit will not continue to transmit past 30 seconds. Only a new trigger will cause unit to transmit again.

## **RECEIVING THE SIGNAL**

### **ALARM PAGING**

Pager beeps 12 times continuously when it is receiving an alarm signal from a Main Unit; ie, the CONTROL/TRIGGER and a ZONE are activated.

The CAR LED will indicate which car is being violated.

CAR #1 = "A"

CAR #2 = "B"

CAR #3 = "C"

The LED will indicate which zones have been triggered, only after pressing ON/OFF button on pager.

ZONE #1 (SHOCK/MOTION SENSOR) = "1"

ZONE #2 (DOOR) = "2"

ZONE #3 (HOOD/TRUNK) = "3"

## OPERATION

### LEARNING THE SYSTEM CODE OF A MAIN UNIT

Every Main Unit has its own system code. The Pager must learn the system code from the Main Unit before it can receive a page signal from that Main Unit. Each Pager can learn 3 different system codes, so each Pager can receive page signals from 3 different cars.

Follow these steps to learn the system code.

1. With the Page off, press and hold the ON/OFF switch, then slide ON/OFF to On (vibrate or beep). Continue pressing and holding ON/OFF for about 3 seconds until Pager beeps once. The LED will flash A.
2. Now press button #1 on the Remote Manual Paging Switches Box. The Main Unit sends the system code to the Pager. The Pager will beep 5 times and the LEDs will turn off when the system code has been learned.

Note: If the learning is not successful, Pager will automatically return to standby mode after 4 minutes.

To learn the system code from the second car:

Follow step #1 above.

When the Pager is ready, press ON/OFF once.

LED will change to B. Pager is ready to learn code for the second car.

Follow step #2 above and operate with the second Main Unit.

To learn the system code from the third car:

Follow step #1 above.

When the Pager is ready, press ON/OFF once.

LED will change to B.

Press ON/OFF once again.

LED will change to C.

Pager is ready to learn code from the third car.

Follow step #2 above and operate with the third Main Unit.

Pager beeps 12 times continuously when it is receiving an alarm signal from a Main

### MANUAL PAGING

Pager beeps 4 times continuously and repeats 3 times when it is receiving Manual Paging signal from a Main Unit; ie, one or both switches on the Remote Manual Paging Switches Box is pressed.

The LED will indicate which car is sending the signal.

CAR #1 = "A"

CAR #2 = "B"

CAR #3 = "C"

The LED will indicate which button is being pressed, only after pressing ON/OFF button on pager.

BUTTON #1 = "1"

BUTTON #2 = "2"

both BUTTON #1 and #2 = "3"

### REVIEWING THE PAGE SIGNAL MEMORY

When a signal is received, it can be viewed during the paging cycle. If the paging cycle has ended, it may be reviewed by depressing the ON/OFF button once. The Pager stores up to 6 latest signals. These signals can be reviewed one by one from the newest to the oldest by pressing the ON/OFF button. Manual Paging signal is indicated by LED display and Alarm signal is indicated by LED display accompanied with a beep.

If ON/OFF button is depressed and held, the Pager will display the same signal repeatedly. After the last signal has been displayed and the ON/OFF button is pressed again, the Pager will display '-' to indicate the end of memory. Turning off the Pager will erase all stored signals.

### UNATTENDED PAGE SIGNAL REMINDER

Pager will beep once every 60 seconds to remind you that a new signal is received.

### LOW BATTERY INDICATION

When the batteries are low and need replacement, the Pager will beep 2 times every 5 minutes.