

KE 470

DELUXE 3-CHANNEL KEYLESS ENTRY SYSTEM

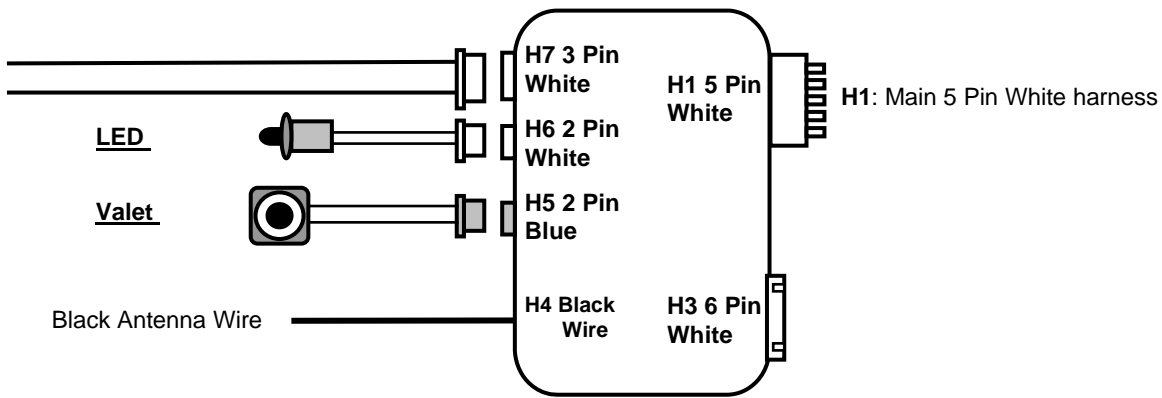
Installation And Operation Manual



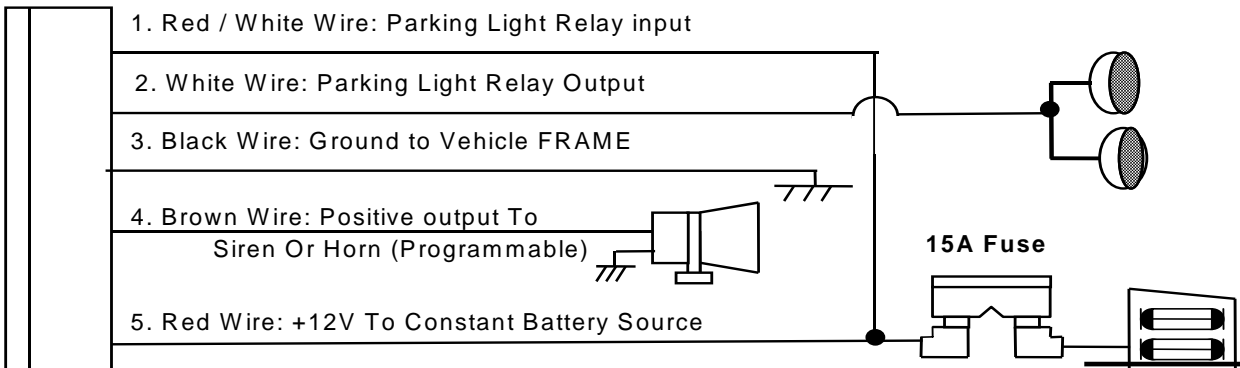
MEGATRONIX

CALIFORNIA, U.S.A.

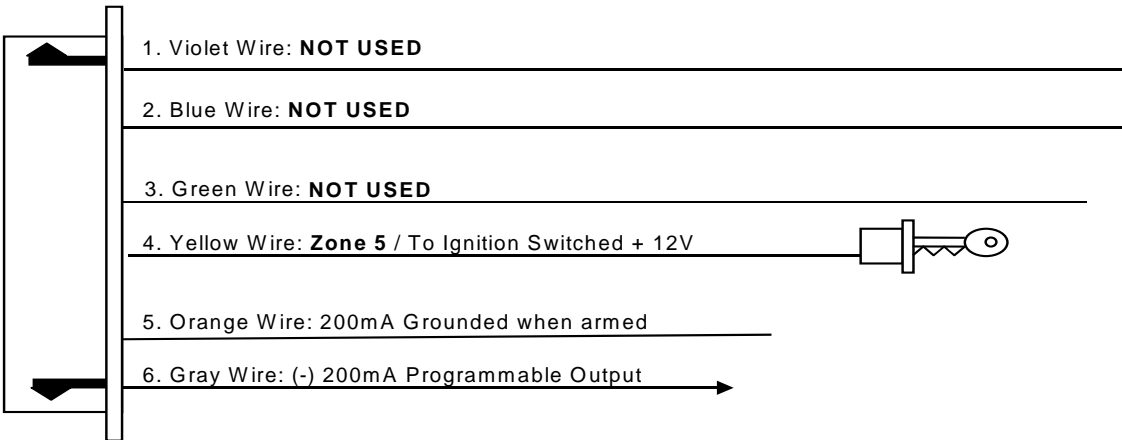
WIRING DIAGRAM



H1: MAIN 5 PIN WIRE HARNESS:



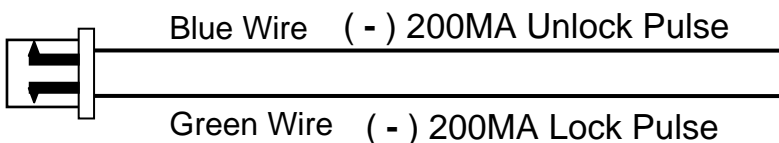
H3: 6 PIN MINI CONNECTOR WIRE HARNESS:



H4: RF ANTENNA - BLACK THIN WIRE

The black thin wire on control module is the receiver antenna wire. Antenna placement is very important!!! Ensure that it is unwrapped and stretched out with the last 6" straight and keep it away from large metal objects or chassis for best reception.

H7: 3 PIN DOOR LOCK CONNECTOR:



PROGRAMMING

A. PROGRAMMING TRANSMITTER:

Enter:

1. Turn the Ignition 'switch 'OFF/ON' 3 TIMES and stay in ON position. Within 15 seconds.
2. Push the Valet switch 3 times and hold it until a long chirp is hearing then release the valet switch. You are now in the Transmitter programming mode.

Program:

1. Press button on one of the transmitter until the siren responds with a confirming chirp the first transmitter is now programmed.
2. Press button on the second transmitter until the siren responds with a confirming chirp, the second transmitter is now programmed.
3. Apply the same procedure to program 3rd and 4th



Exit: Turn Ignition to 'OFF' position, or leave it for 15 seconds. 3 long chirps to confirm exit.

Note: If more than 4 transmitters programmed, the system only kept the last 4 transmitters.

B. FEATURE PROGRAMMING:

FEATURE "I" PROGRAMMING:




1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **2** times and hold it until **one** chirp with a long chirp is hearing then release the valet switch. You are now in the Alarm feature 'I' programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.
 - a. The siren chirps and LED pause will indicate the latest setting.
 - b. The factory default settings is always [1] LED flash, [1] chirp.
4. Depress the transmitter button 'A' to change the feature. Simple re-depressing the transmitter button 'A' again until the module advances to your desired setting.
In this case, Press button 'A' again, the module would advance to [2] LED flash, [2] chirp. Press button 'A' again, the module would advance to [3] LED flash, [3] chirps etc.
5. Depress the transmitter button 'B' corresponding to the feature 'B' you wants to program.

Press Transmitter Button	One Chirp / LED one pulse Factory Default Setting	Two Chirps / LED two pulse
1 	Chirps on	Chirps off
2 	Automatic Rearm On	Automatic Rearm Off

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds. 3 long chirps to confirm exit.

FEATURE "II" PROGRAMMING:



1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch **4** times and hold it until **two** chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature 'II' programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse Factory Default Setting	Two Chirps / LED two pulse	Three Chirps / LED three pulse
1 	0.9-second Door lock pulses	3.0-second Door lock pulse	Double pulse unlock
2 	Active arming	Passive arming without passive door locking	Passive arming with passive door locking
3 	Ignition controlled door locks & unlocks	Without ignition controlled door locks & unlocks	

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds. 3 long chirps to confirm exit.

FEATURE "III" PROGRAMMING:








1. Turn the Ignition 'switch 'ON/OFF' 3 TIMES and stay in OFF position.
2. Push the Valet switch 6 times and hold it until three chirps with a long chirp is hearing then release the valet switch. You are now in the Alarm feature 'III' programming mode.
3. Press and release the transmitter button 'A' corresponding to the feature 'A' you want to program.

Press Transmitter Button	One Chirp / LED one pulse Factory Default Setting	Two Chirps / LED two pulse	Three Chirps / LED three pulse
1 	H1/4 Brown Wire = Siren Output	H1/4 Brown Wire = Horn Output	
2 	H3/6 Gray Wire = Trunk (Channel 2) Output	H3/6 Gray Wire = Two Step Door Unlock Output	H3/6 Gray Wire = Pager Output

Exit: Turn Ignition to 'ON' position, or leave it for 15 seconds. 3 long chirps to confirm exit.

OPERATION MANUAL

A. TRANSMITTER OPERATION:

Transmitter Button	System Function	Remark
 Button	Arm / Lock door	
 Button	Car Locator	While system armed
 Button for 3 seconds	Panic function	Press for 3 seconds
 Button	Disarm & Unlock Door	
 -  Button	Two-Step Door Unlock & Disarm	Press twice within 3 seconds
 / AUX Button for 2 seconds	Pop Trunk Release	Press for 2 seconds

B. LED INDICATORS:

LED	Function	LED	Function
Off	Disarmed	2 flashes... pause	Trigger on trunk/hood
Slow flash	Armed	3 flashes... pause	Trigger on door switch
Fast flash	Passive arming	4 flashes... pause	Trigger on Dual Zone Shock Sensor
On (solid)	Valet mode	5 flashes... pause	Trigger on Ignition switch

C. CHIRP INDICATORS:

Chirp	Function
1 chirp	Arm
2 chirps	Disarm
6 chirps	Car Locator


D. PARKING LIGHT:

Parking light	Function
1 flash	Arm
2 flashes	Disarm


E. OPERATING CONDITION:

	Siren	Parking Light	LED	Doors	Starter disable
1. Arming	1 Chirp	1 Flash	Slow flash	Locking	On
2. Disarming	2 or 4 Chirps	2 or 3 Flashes	Off / Fast flash	Unlocking	Off


F. ACTIVE ARMING – LOCK & ARM:

1. Press  button on transmitter.
2. The siren will chirp once and parking light will flash once indicating that the system is now armed. The vehicle doors will lock upon arming when interfaced with the security system.

H. ACTIVE DISARMING – UNLOCK & DISARM:

1. Press the  button on the transmitter.
2. The siren will chirp twice and parking light will flash twice to indicating that the security system is now disarmed. The vehicle doors will unlock disarming when interfaced with the security system.

TAMPER DISARMING: If alarm triggered, upon disarm the system, siren chirp 4 times, parking light flash 3 times.

TWO-STEP DOOR UNLOCK: (See Feature III – 2 Programming.) This feature will independently unlock the driver's door only when disarming the security system. Pushing the  button on the transmitter a second time within 3 seconds will unlock the entire vehicle.

I. DISARMING WITHOUT A TRANSMITTER

The Override function may be used if the remote transmitter is lost or inoperative.

1. Enter the vehicle and turn the ignition switch to 'ON' position.
2. Within 10 seconds push and release the valet switch

J. VALET MODE:

The valet switch allows you to temporarily bypass all alarm function, eliminating the need to hand your transmitter to parking attendants or garage mechanics. When the system is in valet mode, all alarm function are bypassed, however the remote panic feature and remote door locks will remain operational.

Enter Valet Mode:

1. Turn the ignition to "ON" position.
2. Push and hold valet switch for 2 seconds until the LED turns on. The LED will remain on as long as the system is in 'valet mode'.


Exit Valet Mode:

1. Return to normal operation, turn ignition 'ON'.
2. Push and hold valet switch for 2 seconds, The LED will turn off indicate the system are exiting the valet mode.


N. IGNITION CONTROL DOOR LOCKS. (See Feature II – 3 Programming.)

If the vehicles door locks have been interfaced to the security system, the system will automatically lock the vehicle's doors when the ignition is turned "ON" and /or unlock the vehicle's doors when the ignition is turned "OFF".

O. TRUNK RELEASE. (See Feature III – 2 Programming.)

Press and hold  / **AUX** button on transmitter for two seconds to control trunk release or other electronic devices.

P. CAR LOCATOR

Press the  button on the transmitter to activate car locator. The siren will chirp 6 times. The parking light will flash 12 times, for you to easily locate your car.