ESSEX ELECTRONICS INCORPORATED
1-800-KEYLESS keyless.com

KE-1604 Wiring Diagram

Dual Technology Keyless Entry® System

INPUTS

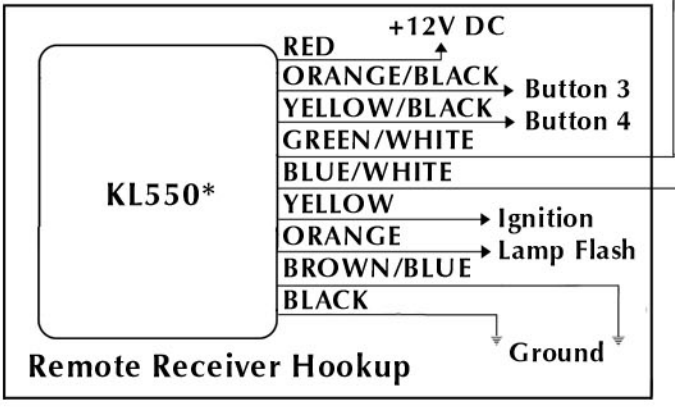
- RED → System Power In: +12V DC Constant (60mA max at 10 Volts minimum)
- BLACK → System Ground
- YELLOW → Programming Switch Input: Normally Open, Momentary to Ground
- ORANGE → Remote Lock: Momentary to Ground
- WHITE → Remote Unlock: Momentary to Ground

OUTPUTS*
All Outputs Are 250mA

- WHITE/BLACK → Lock[1]: 250mA, May Require External Relay
- WHITE/RED → Unlock[2]: 250mA, May Require External Relay
- BLUE → Arm[3]: 250mA, Arm Enable - output goes to and stays at ground
  Arm Disable - output is removed from ground
- VIOLET → Auxiliary Output (Press the 3/4 Key): 250mA, 1 Second Momentary or Toggle ON/OFF, May Require External Relay
- PINK → Auxiliary Output (Press the 7/8 Key): 250mA, 1 Second Momentary, May Require External Relay
- BROWN → Auxiliary Output (Press the 9/0 Key): 250mA, 1 Second Momentary, May Require External Relay
- GREEN → Dome Light: 250mA, 5 second momentary, ON with valid code, May Require External Relay

*All Outputs are Grounding Outputs

1) Lock Code 559: Locks the Door, Arm Enabled, Arms the Keypad
   Lock Code 557: Locks the Door and Arm Enabled
   Lock Code 555: Locks the Door and Activates 3 Digit Convenience Codes(if enabled)
2) Any Valid User Code Unlocks the Door and Arm Disabled.
3) Arm Enabled by Lock Codes 559 and 557
   Arm Disabled by any valid User Code.



Remote Receiver Hookup

Patents Pending. Specifications Subject to Change Without Notice
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