**KE-1704 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
- **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

**Outputs**
- All Outputs are 250mA

**Outputs**
- **RED**
- **ORANGE/BLACK**: Button 3
- **YELLOW/BLACK**: Button 4
- **GREEN/WHITE**
- **BLUE/WHITE**
- **YELLOW**
- **ORANGE**
- **BROWN/BLUE**
- **BLACK**: Ignition
  - Lamp Flash
  - Ground

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**Notes**

1. **Lock Code 559**: Locks the Door, Arm Enabled, Arms the Keypad
2. **Lock Code 557**: Locks the Door and Arm Enabled
3. **Lock Code 555**: Locks the Door and Activates 3 Digit Convenience Codes (if enabled)

*All Outputs are Grounding Outputs*

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**Patents Pending. Specifications Subject to Change Without Notice**

**Essex Electronics disclaims any and all damages or injuries that may result from the installation or use of this product**

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