AKF-5 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**: Lock¹: 250mA, May Require External Relay
- **WHITE/RED**: Unlock²: 250mA, May Require External Relay
- **BLUE**: Arm³: 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

*All Outputs are Grounding Outputs

1) **Lock Code 559**: Locks the Door, Arm Enabled, Arns 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)
2) **Any Valid User Code Unclocks the Door and Arm Disabled.
3) **Arm Enabled by Lock Codes 559 and 557**
   Arm Disabled by any valid User Code.

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
Essex Electronics, Incorporated
1130 Mark Avenue, Carpinteria, CA 93013
(805) 684-7601 • FAX (805) 684-0232 • essex@keyless.com
Copyright © 2009 Essex Electronics, Inc. All Rights Reserved
AKEO5RX.0609.R1