ESSEX ELECTRONICS INCORPORATED

XE

1-800-KEYLESS keyless.com

KE-1602 Wiring Diagram

KE-1602 Control Module

1 2 3 4 5 6 7 8 9 0

4' Keypad Cable

Note: Additional Keypads Can Be Connected in Parallel to The KE-1602 Control Module

INPUTS

RED → System Power In, +12V DC Constant (150mA max, 10 Volts minimum)

BLACK → System Ground

YELLOW → Programming Switch, Normally Open, Momentary to Ground

ORANGE → Remote Lock, Momentary To Ground

OUTPUTS — All Outputs Are - 250mA

WHITE → Common - Lock/Unlock Relay, Internally Fused

WHITE/BLACK → Lock Relay [1], Rated for 6 Amps

WHITE/RED → Unlock Relay [2], Rated for 6 Amps

BLUE → Alarm Arm / Disarm [3.] - 250mA, Arms: Negative Output Goes and Stays Low
Disarms : Negative Output Goes and Stays High

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, Internally Fused

BROWN → Auxiliary Output (Press The 9/0 Key) - 250mA, 1 Second Momentary, May Require External Relay

GREEN → Dome Light Relay, Rated for 5 Amps, 5 Second Momentary, On with Valid Code, Connect Across Door Jamb Light Switch
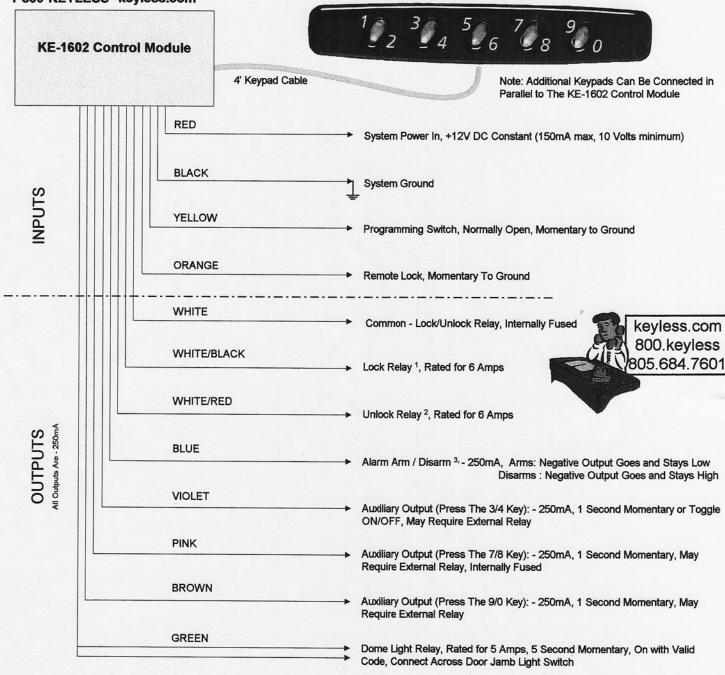
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1. Lock Code 559 Locks The Door, Arms The Alarm, Arms The Keypad
   Lock Code 555 Locks The Door, Activates 3-Digit Convenience Codes*
2. Any Valid User Code Unlocks The Door And Disarms The Alarm
3. Alarm is Armed By Lock Code 559
   Alarm is Disarmed By Any Valid User Code

* 3-Digit Convenience Codes Require A System Setup Programming Command. When Enabled, Codes Longer Than 3 Digits Will Operate On The First 3 Digits. Lock Codes 559 Cancel Conveniece Code Mode

Trunk Access

85   86 → +12V

30

87 → Trunk Solenoid

KE-1602

Typical Relay Hookup