



Front

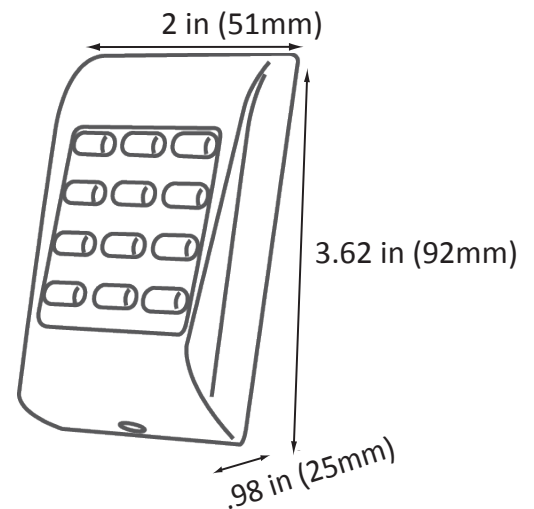
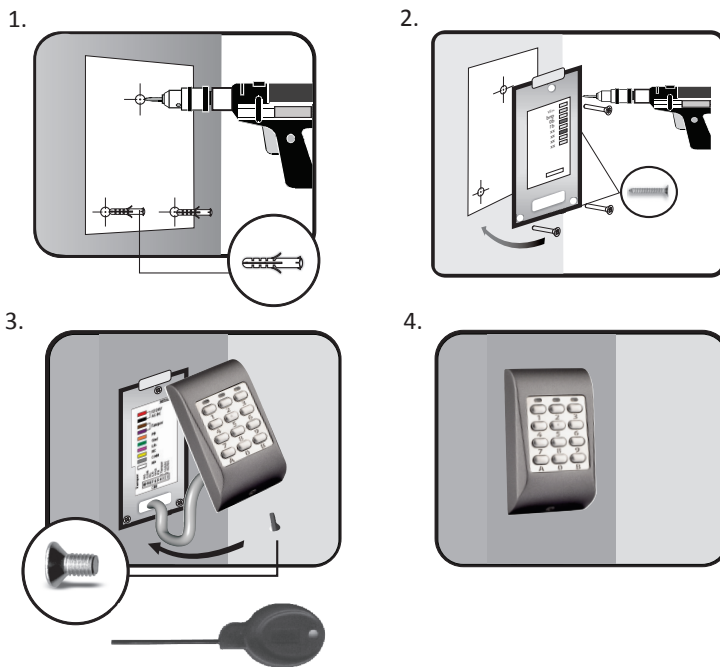


Side

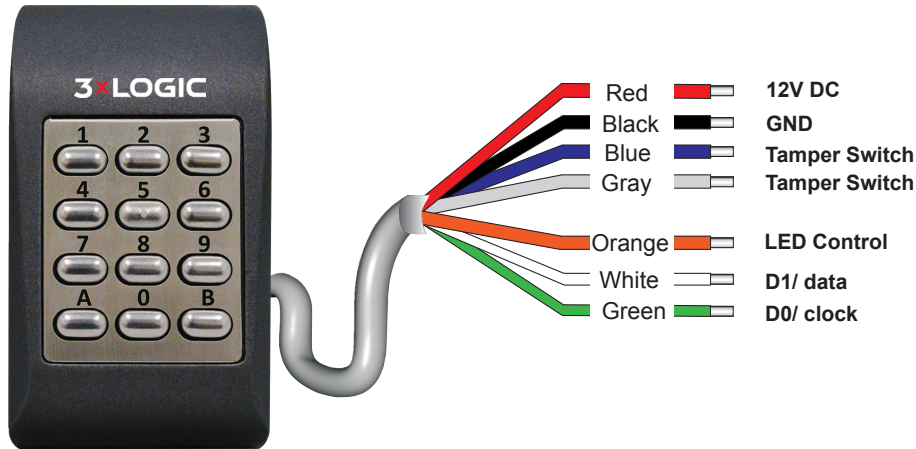
SPECIFICATIONS

Interface:	Wiegand (4, 6, 6, and 8 bit per key) 26, 30, 34, 37, 40, 42, 58bit; Clock&Data
Cable Distance:	164 ft (50m)
Pin Code Length:	1-8 digits
Panel Connection:	Cable, 9.84 ft (3m)
Green LED:	Externally controlled
Red LED:	Idle Mode
Buzzer:	Yes
Tamper:	Yes
Consumption:	Max. 85 mA
Indoor/Outdoor:	Indoor and Outdoor Use
Power Supply:	9-14V DC
Operating Temperature:	-4° to 122°F (-20° to 50°C)
Dimensions:	3.62L x 2W x .98H in. (92 x 51 x 25 mm)
Housing:	Moulded Aluminum
Color:	Charcoal
Levels of Access Control:	Destructive attack: Level I Line security: Level I Endurance: Level IV Standby power: Level I

MOUNTING THE HARDWARE



WIRING DIAGRAM

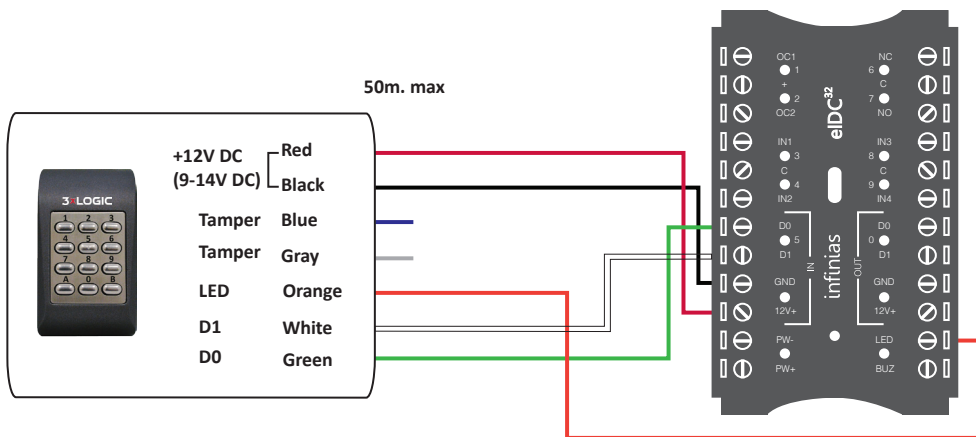


Power Supply

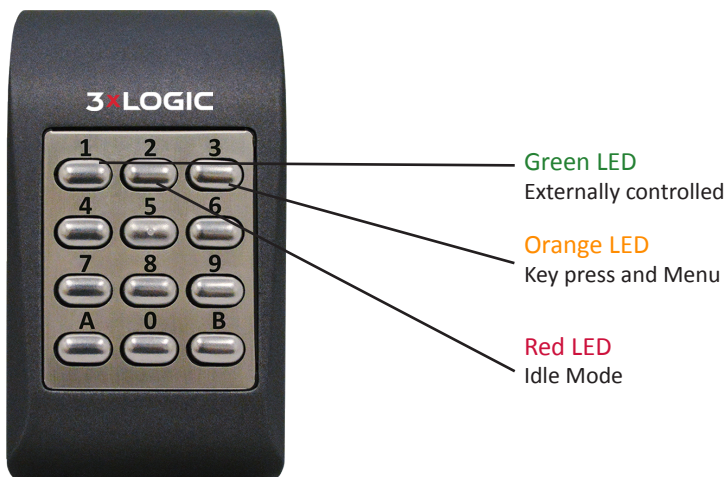
Warning: Incorrect wiring and use of power supply out of the specified range may cause improper behavior or permanent damage to the device! Reading distance may be decreased in presence of strong electromagnetic field in the area. The lead shall not be spliced to a conductor larger than 18 AWG (0.82 mm²).

Wiegand

WIRING THE eIDC³²



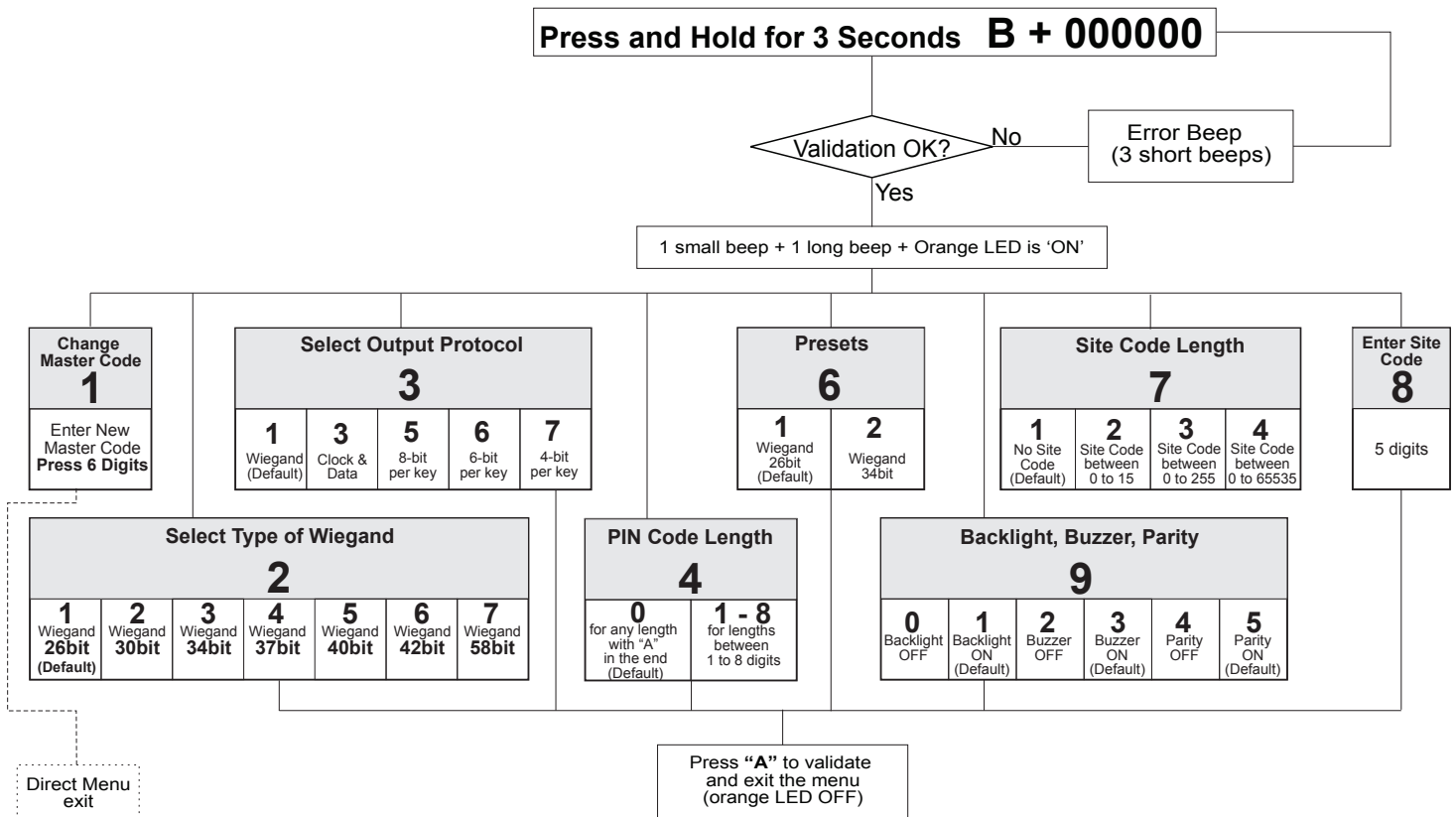
KEYPAD KEY COLOR LEGEND



REDEFINING MASTER CODE

1. Disconnect Power.
2. Press and hold "A" and reconnect Power.
3. Hold the "A" Key for at least 3 seconds.

PROGRAMMING FLOWCHART



Submenu 1 - Change Master Code: The Master Code must be 6 digits. After enrolling new Master Code the R-MPADW-CHAR automatically exits the Menu and the new master code must be typed to enter the menu.

Submenu 2 - Select Type of Wiegand: The Keypad can be adjusted to send 7 different Wiegand Outputs. The Wiegand selected must be the same as the controller's Wiegand Input where R-MPADW-CHAR Keypad is connected. Example: If you use a controller that recognizes Wiegand 34bit, then enter the menu of R-MPADW-CHAR, press 2, then press 3.

Submenu 3 - Select Output Protocol: The Keypad can send the Access Code by different Protocols. When "Wiegand" is selected, what is typed on the Keypad the same will be sent as Wiegand Number.

Submenu 4 - PIN Code Length: If "0" is selected, then any PIN Code with any length can be sent, but the PIN Code is typed with "A" for confirmation(ex. 123 + A). If 1 to 8 is selected the PIN Code length is determined by the number selected.

Submenu 6 - Presets: The Presets are set of pre programmed parameters for easy programming.

Submenu 6-1 "Wiegand 26bit Normal" - Type: Wiegand 26bit; Output: Single Wiegand; PIN Length: 4 digits

Submenu 6-2 "Wiegand 34bit Normal" - Type: Wiegand 34bit; Output: Single Wiegand; PIN Length: 4 digits

Submenu 7 - Site Code Length: Set the Site Code length sent to Host. Default value is "0". To be used only in specific cases.

Submenu 8 - Enter Site Code: Put the site code always in 5 digit format (ex. 00170).

Submenu 9 - Backlight, Buzzer, Parity: Turns ON/OFF the backlight, buzzer and the parity bits in the Wiegand output.

Note: Entering Menu is always done by pressing and holding B for 3 seconds + 000000.

TESTING AND MAINTENANCE

Testing the Keys: Press all keys. Each press should result in short beeps and orange LED blink.

Testing the Output: Connect the device to a controller as specified in this manual and press any key combination. See in the controller's software if a number displays on the screen.

Testing the Red LED: Connect the orange wire on GND, while the device is powered and the Red LED should turn ON.

Testing the Programming Menu: Press and hold B for 3 seconds + 000000 and the device should enter the menu (short + long beep, Orange LED - ON).

No special maintenance needed.