

Figure 2: Fascia

NOTES:

1. If the reader is fixed onto a metal surface, use the spacer provided in the kit to ensure that there is minimal interference to the reader caused by its proximity to the metal. The spacer is optional for concrete or drywall.
1. If distance between reader and the DCD is greater than the length of cable supplied, an extension cable may be required. The maximum distance is 200 meters of AWG-22 cable. (Alpha 1299 series recommended)
1. The LPR-10M interfaces with the access controller through the 9-wire cable. Along with power and ground, the signals carried by the cable are grouped into two categories: the data interface and the user interface control. Each category can be programmed to emulate various interface standards, adding flexibility for interfacing with more access controller types.

Interconnecting Cable

The interconnecting cable is a 9-wire shielded cable that carries the signals and power between the LPR-10M and the access control unit. All signals listed in the Table below are TTL-level compatible.

<i>Color</i>	<i>Signal name Wiegand Interface</i>	<i>Signal Direction</i>	<i>Signal name Clock & Data Interface</i>	<i>Signal Direction</i>
Red	+DC	-	+DC	-
Black	GND	-	GND	-
Violet	-	-	/CARD_IN	Output
Green	DATA0	Output	/DATA	Output
White	DATA1	Output	CLOCK	Output
Drain wire	SHIELD	-	SHIELD	-
Orange	/GREEN	Input	/GREEN	Input
Brown	/RED	Input	/RED	Input
Yellow	/BUZZER	Input	/BUZZER	Input
Blue	/HOLD	Input	/HOLD	Input

Installation - Connecting to Millenium Door Control Device (DCD)

1. Connect reader unit to the DCD at the J2 and J5 terminals. Refer to wire colors in the table above, and refer to Figure 2 on the back of this sheet.
2. Verify the Reader Select Jumper cap is installed on the DCD's J1 terminal.
3. Tape ends of the four unterminated conductor wires: /CARD IN, Shield, /buzzer and /hold.
4. Apply power to DCD. The red indicator on the reader should illuminate.
5. To test the reader, the door MUST HAVE BEEN CREATED in the Millenium software. (Refer to Millenium Operations Manual)

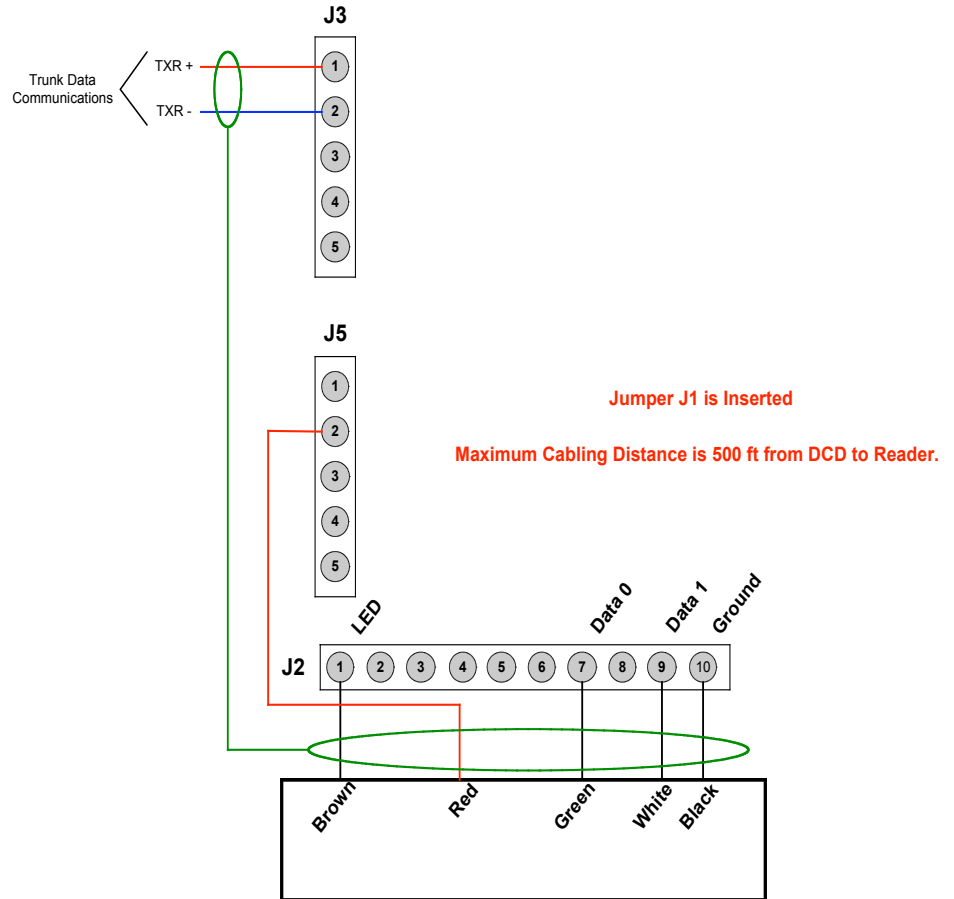


Figure 3: Power Connection

CAUTION

Changes or modifications not expressly approved by Kaba Iico could void the user's authority to operate the equipment.