QuickStart “Basic” Hardwire Tracker Expansion Board to Relay 2/Wiegand 2 Guidelines

For complete installation instructions, please refer to the HARDwired installation/Owner’s manual P/N 2358-065.

Tracker Expansion Board Enclosure Options

This access control equipment must be installed inside of a controlled, protected or restricted area to comply with UL 294 certification.

Controlled Area: A room, office, building, facility, premises, or grounds to which access is monitored, limited, or controlled.

Protected Area: A room, office, building, facility, premises, or grounds to which access is monitored, limited, and/or controlled, whereby the authorized persons of the Access Control System may grant access to non-authorized persons.

Restricted Area: A room, office, building, facility, premises or grounds to which access is monitored, limited, and strictly controlled, whereby only the administrator of the Access Control System shall issue credentials that will lead to access.

Tracker Expansion Board Notes:

All tracker expansion boards can be wired with desired options for their access points shown on tracker expansion board address 3.

Communication line will continue for each board line shown on tracker expansion board address 4.

Board addresses MUST start at 3 and continue thru board addresses 10 (up to 12 boards using zone addresses) if required.

Tracker Expansion Board Wiring Options for Access Point

No “optional” tracker features or battery back-up wiring shown, see manual for details.

IMPORTANT: The maximum distance for a tracker expansion board HARDwire run is 4000 feet TOTAL (1 to 12 boards can be in a HARDwire run). The farthest board can be no more than 2000 feet away from the access control system. See manual for multiple tracker expansion boards layout limitations.
QUICKSTART PROGRAMMING OPTIONS ON EACH HARDWIRED TRACKER EXPANSION BOARD

For COMPLETE installation instructions, please refer to the HARDWIRED Installation/Owner’s manual P/N 2358-065.

Board addresses MUST be set for each board used.

Access Control Device
26, 30, 31-Bit Wiegand
Tracker Expansion Board Busy

Relay Communication Line (NO) Request to Exit
Relay Communication Line (COM) Card Reader LED/Beeper Control

Quickstart Programming Options on Each Hardwired Tracker Expansion Board

Program Options on Each Tracker Expansion Board

Function
Input Number
Factory Default

1. Door Strike Timer
2. Front Exit Timer, Strike Time
3. Door Ajar Timer
4. Aux Relay Timer
5. Front Exit Timer, Aux Relay
6. Front Exit, No Strike
7. Card Code Forwarding
8. Door Control Switch Logic
9. Keypad
10. Beeper/LED Red Open
11. Dual Door Mode
12. Aux Relay Functions
13. Strike Time
14. Door Relay Functions
15. Aux Relay Functions
16. Strike Time
17. Door Relay Functions
18. Door Relay Functions
19. Door Relay Functions
20. Card Code Forwarding

Board Power 16.5 VAC, 20 VA Required

LED Display
Programming Buttons

IMPORTANT Display Decimal Point Note
When decimal point is displayed, it indicates that you are selecting a program step.

When decimal point is NOT displayed, it indicates that you are in a program step.

Managing the Complete Access Control System from Your PC

Refer to the DKS Remote Account Manager Software to program and manage the complete system.

Your PC connected to the access control system. Either IM Server OR TCP/IP OR RS-232 OR Modem to Modem Connection. See PC Programmable Telephone Entry and Access Control Systems Installation/Owner’s manual for more information about connection options.

Copyright 2019 DoorKing®, Inc. All rights reserved.

2358-065-4-19