Pegasus PP-6750V Series Dual Frequency Time Attendance Recorder Instruction Manual

Contents

PEGASUS

Pegasus PP-6750V Series Dual Frequency Time Attendance Recorder

Product Information

- **Product Name**: PC On-Line Time Attendance Recorder & Access Controller
- **Product Type**: Access Control/Time & Attendance / Lift Access Control System/ Security
- **Model**: PP-6750V Series
- **Operational Manual Version**: 21.2
- **Manual Number**: 2110 W-04-6750V/E 1

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- Macro instruction
- Brief system programming
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- Group 4.Pin Or Master Pin Setting
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Product Usage Instructions

To get started with the 6750V system, please follow these instructions:

1. Check the package contents to ensure you have received all the necessary items.
2. Connect the system unit using the provided connectors (9 Pin connector, 8 Pin connector, 4 Pin connector, and 3 Pin connector).
3. Refer to the wiring connectors and PIN assignment section for guidance on how to properly connect the system.
4. If needed, refer to the example of wiring and controller and relay box wiring examples for further assistance.
5. Read the macro instruction section for information on how to program the system.
6. Change the master PIN if required. Instructions for changing the master PIN can be found in the system programming section.
7. Refer to the function code instructions for different functions and settings:
    1. Delete all personal map (Function Code F0)
    2. Access by key in user ID through master PIN (Function Code F1)
    3. Set weekday, hour, minute (Function Code F2)
    4. Calendar year, month and date setting (Function Code F3)
    5. Parameters & Modes (Function Code F4)
8. Follow the instructions in the different groups for system configurations, input commands, output commands,

operation modes, pin or master pin setting, inquiry mode, time zone mode/add card mode, delete card mode, system configurations, and factory configuration.

9. Use the inquiry mode (Function Code F5) to retrieve information about single cards, cards with learning mode, and card status by block mode.
10. Use the add personal map (Function Code F6) to add cards with or without PIN, in learning mode or from a specific group.
11. Use the delete personal map (Function Code F7) to delete single cards or cards with learning mode or block mode.
12. Use the time zone/holiday/bell programming (Function Code F8) to set personalized time zones, floor settings, personalized timezone inquiry, delete time zones, free access mode, auto duty mode, auto mode, holiday mode, and bell alarm mode.
13. Modify events counter for event retrieving (Function Code F9) if necessary.
14. Use the inquiry and display the stored events (Function Code F*) to retrieve and display stored events.
15. Refer to the simple and easy troubleshooting section for any issues you may encounter.
16. Consult the appendix for additional information.

Packing List

Before getting started, please check that the 6750V package contains the following items:

DESCRIPTION	Q'TY
The system unit	1 unit
9 Pin connector (Blue)	1 pc
8 Pin connector (White)	1 pc
4 Pin connector (White)	1 pc
3 Pin connector (White)	1 pc
Screw	1 pc
Free wheeling diode	1 pc
Sealing rubber for waterproof	1 pc

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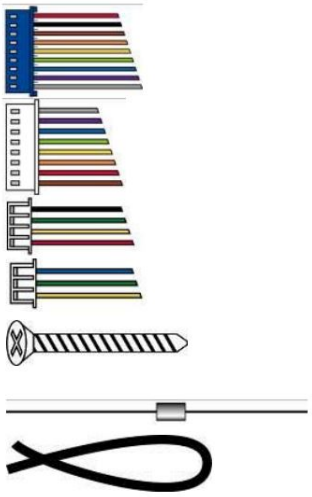
4	3 Pin connector (White)	1 pc
5	Screw	1 pc
6	Free wheeling diode	1 pc
7	Sealing rubber for waterproof	1 pc



System introduction

6750V is an intelligent time recording terminal designed to meet the variant applications in time attendance and access control, lift control & ARM/DISARM security requirements.Each terminal can be operated independently or through PC/Internet adapter PC-T100 to fulfill the multiple terminal system. The recording terminal includes nearly all the necessary functions for time recording and access control.Users can use master PIN to select the desired functions from the abundant functional list (For malfunction, please contact with your local distributors) The system could be started by modifying the factory defaulted templated as by code F4 + 0850 and then save them by 0650 to back up for farther configuration your system by 0950, if you confused your configuration.

General Features

Time recording features:

1. High capacity with 8 digits card number / 6 digits staff number and 8 character English name.(Either checking or without checking personal map)
2. 16 characters x2 rows of LCD disply with 8 digits which have year, month,day,week,time, IP,operation mode,real time mode,unlock time, door monitoring.
3. 79 duty codes, duty name defined by PC.
4. Selectable batch or real time on-line mode.
5. Key in 8 digits ID for time attendance recording.
6. Totally 192 alarm schedules (8 schedules per hour) dry contacts output for periodic bell announce.

There are 6 versions available:

1. **K Version:** 1,000 card capacity, 500 events.
2. **L Version:** 2,000 card capacity, 1,000 events.
3. **M Version:** 30,000 card capacity, 10,000 events.
4. **N Version:** 11,000 card capacity, 32,000 events.
5. **P Version**: 11,000 card capacity, 8,000 events.
6. **X Version:** 32,000 card capacity, 32,000 events.

Versions could be getting thru the equipped RS-485 interface.

Access control features:
(Main application)

1. System parameters and personal access map can be down loaded by PC or manually programmed through
2. The personal access map is consisted of card ID, staff number and staff name, PIN and Time Zone Status, expiry date and

Anti-passback.Operation modes :

1. card only
2. card + PIN
3. Door PIN only and duress feature
4. Card no +PIN and duress feature
5. Free access
6. Automatic operation mode by time zones

NOTE: The staff name is used under F4=9601, 3400 cards capacity only.

3. Individual personal access map can be added/deleted and checked by on-lined PC or through manually in single / block range card number or by direct reading card in learning
4. Selectable immediate or batched serial output for event printing

With complete door release, status monitoring and intruded alarm periord & error trials

Specification	
Dimensions	137mm(L) x 85mm(W) x 29mm(H)
Weight	340g± 5%
Power supply	DC 12V±10%, 80mA~100mA(not include power requirement for lock & alarm)
Transmission rate	Default 9,600 bps N,8,1(2,400bps/4,800bps) (19,200bps/38,400bps<selectable>)
Operating temperature	-20℃ ~ 70℃
Operating humidity	10%~90%

Keypad	3 x 4 keypad for system programming, pass word entry or duty code selection.
Password	Programmable 4 digits PIN for each person
Serial interface	RS-485/RS-232(Optional)
Serial output	1. For connection with serial printer. 2. To drive DDR (digital door relay) for safet y control model. 3. Lifts controller. common door codes
Card capacity /Events	(1) K Version: 1,000 card capacity, 500 eve nts. (2) L Version: 2,000 card capacity, 1,000 ev ents. (3) M Version: 30,000 card capacity, 10,000 events. (4) N Version: 11,000 card capacity, 32,000 events. (5) P Version: 11,000 card capacity, 8,000 e vents. (6) X Series: 32,000 card capacity, 32,000 e vents. Other capacity combination requested by order
Card standard	125KHz ASK EM / 125KHz FSK HC / 13.56 MHz Mifare (ISO 14443A , ISO 14443B, IS O 15693) / 13.56MHz Felica (ISO 18092 UID) / Q type / NFC / Bluetooth ※ Support customized card.
External Reader	With one or optional two port for external W iegand (26/34/35/36/37/40 bits definable by comma nd) & ABA input (by order)

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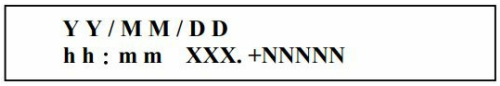
External Reader	With one or optional two port for external W iegand (26/34/35/36/37/40 bits definable by comma nd) & ABA input (by order)

LCD INSTRUCTIONS

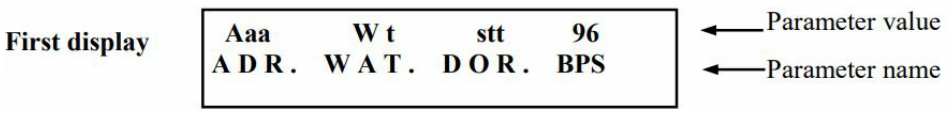
Normal Display: After plug-in power, LCD displays as below:



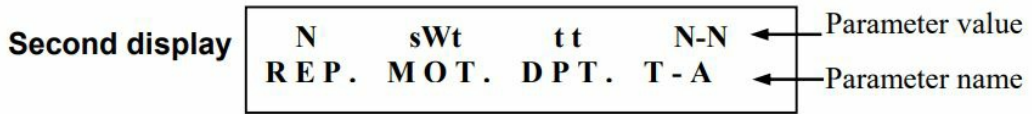
- **Y Y/ M M / D D:** The calendar year, month and date (Year/ Month/ Day)
- **h h:mm** System clock, Hour & Minute (hh=00~23;mm=00~59)
- **X X X** weekday Monday to Sunday
- **NNNNN** The transaction records stored in the buffer.

When display shows “FULL”, which means the butter is full. Please download the records by PC or press Master PIN and then press”9”,key-in “000000” to erase the events.

Parameter display: key-in —9‖, LCD displays as below:



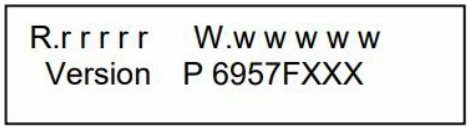
- **Aaa** : Polling address by F4=88aa (00~99)
- **WAT** Real time on-line waiting time by F4=890t (0~9), —0‖ for baten mode by F4=99nn
- **DOR** Door released time by F4=21tt(00~99), S= second, M=minute
- **BPS**
  - Buad Rate 96=9600
  - 48=4800 24=2400 19=19200



- **REP** Door Monitoring Status time for check repeat reads in unit of second
- **N=t** Check repeating card with t minutes N=0 No repeating card check
- **MOT:** Door monitoring time by code F4=230t, S= second
- **DPT :** LCD message display time by F4=250t, useful for F
- **T-A :**Time zone control – Free access mode
- **Y** – Enable function
- **N** -Disable function

Note: The system could be operated in proper order only when the address code is correctly programmed through 88nn. If the reader address is not correctly programmed, the display of address will show some other ASCII characters as —xxx— above the ADR.which can’t save the event; therefore you should program again.

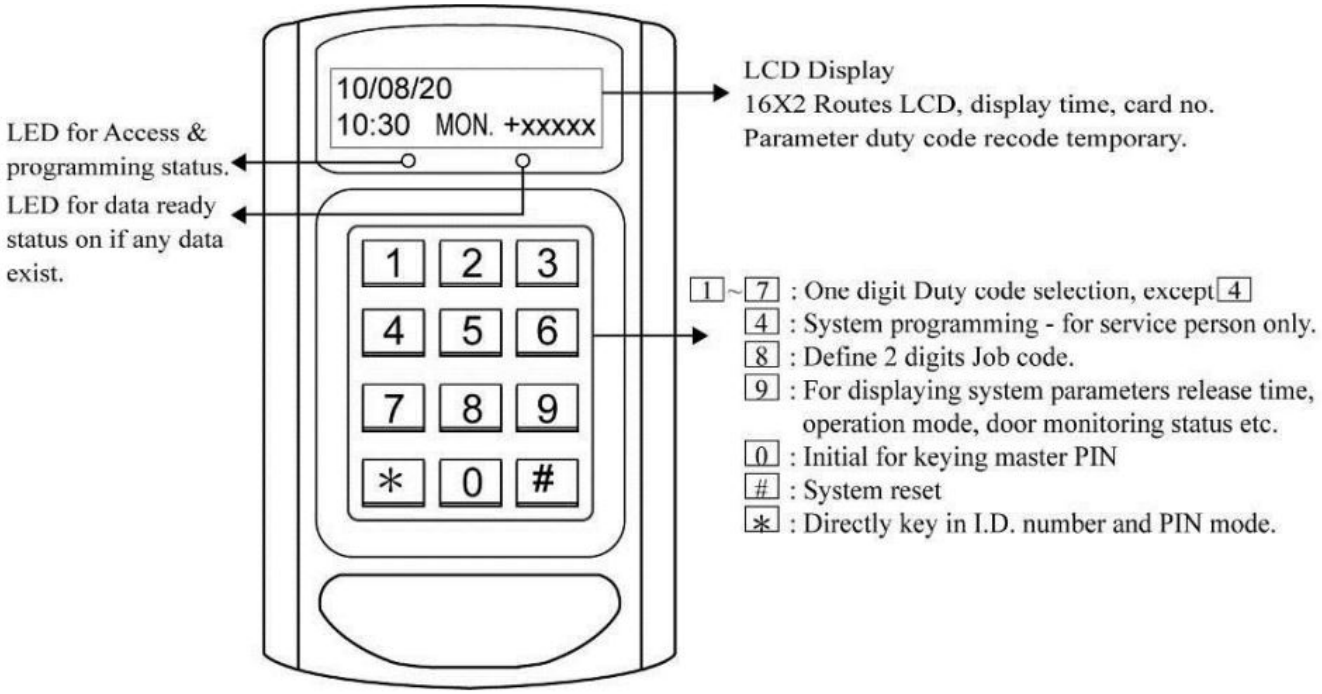
Third display



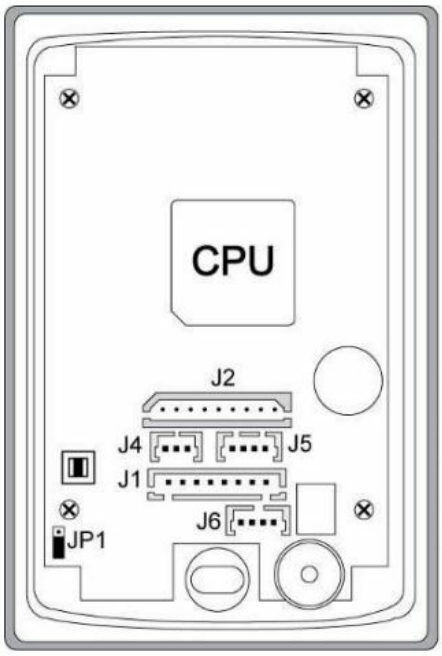
- **R**.rrrrr: The read counter of buffer
- **W**.wwwww:
  The write counter of buffer
- **Version**:CPU version

Note: Accoring to actual version.

Panel Description



Bottom View



JP1 - Lift relay box driver or print output interface section

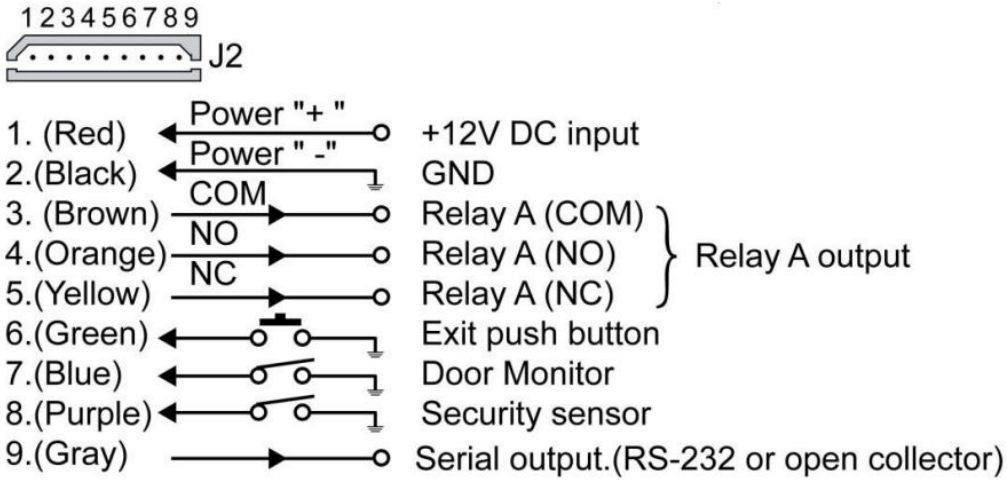
J2-9 pins in RS-232 interface(Optional)

J2-9 pins in open-collector interface

J1-8 pins connector for Communication and alarm output
J2-9 pins connector for Access port
J4-3 pins connector for tamper switch output
J5-Power out selection for external reader
J6-Power out selection for external reader(Optional)

Wiring Connectors and PIN assignment

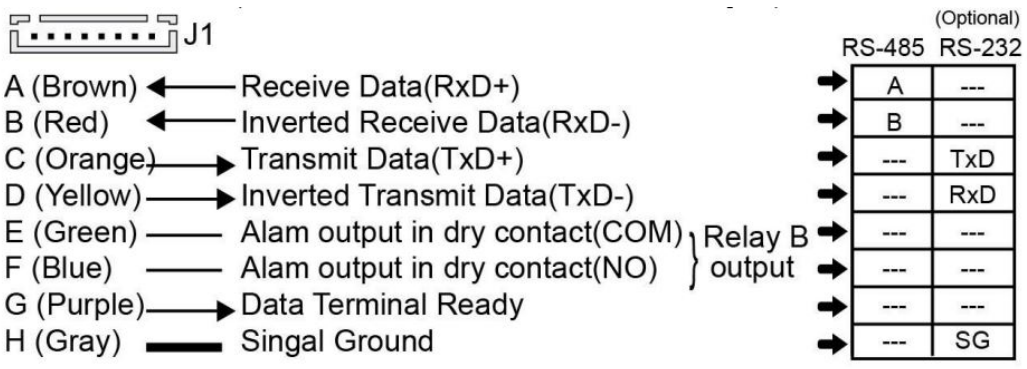
J2-9P Blue (For power input and access functions)

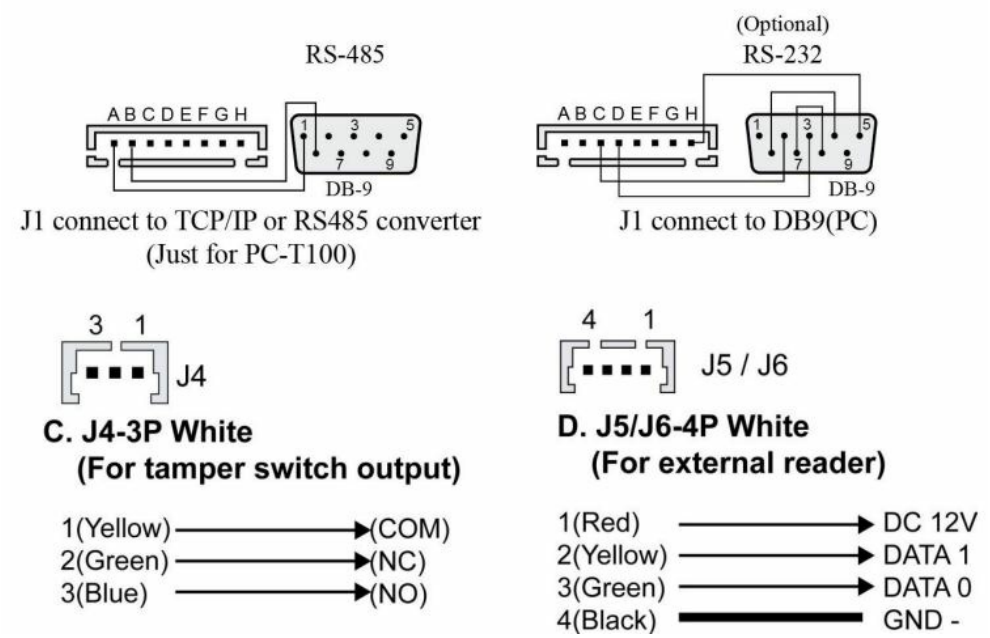


Note:

- Please connect the blue wire to GND if the Door Monitoring function isunnecessary.
- Please connect the purple wire to GND if the Security Sensor function is unnecessary.

J1-8P White (For on-line interface & alarm output)





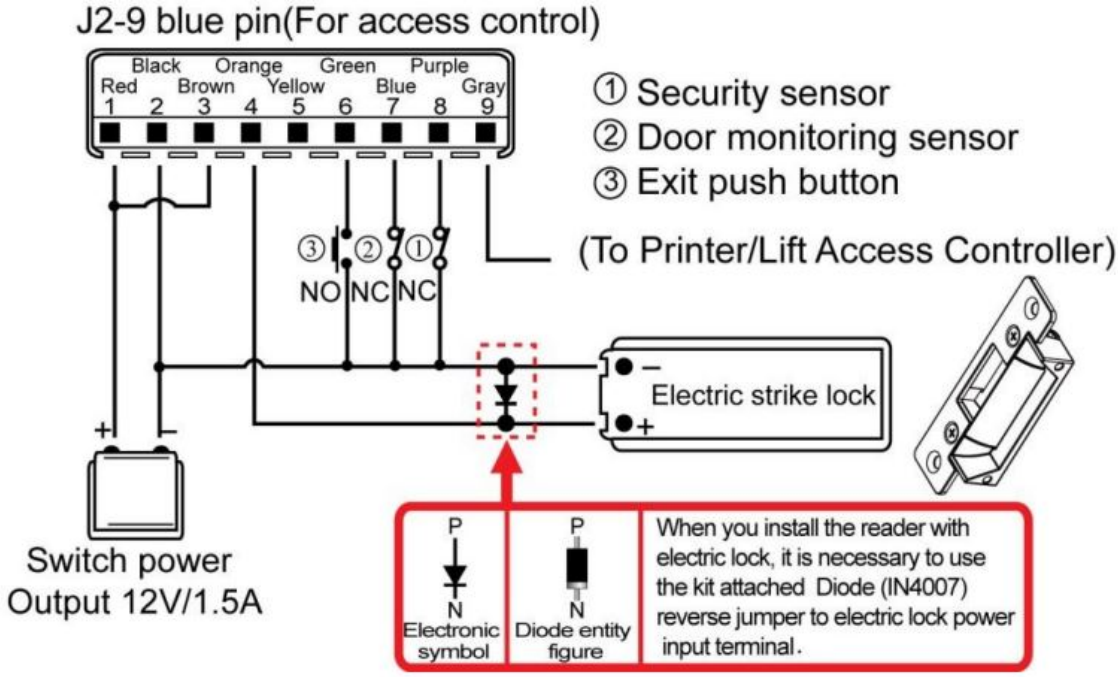
Need to set F4 = 9816, when connect with the external reader that Model No. is included —PW26‖

Note

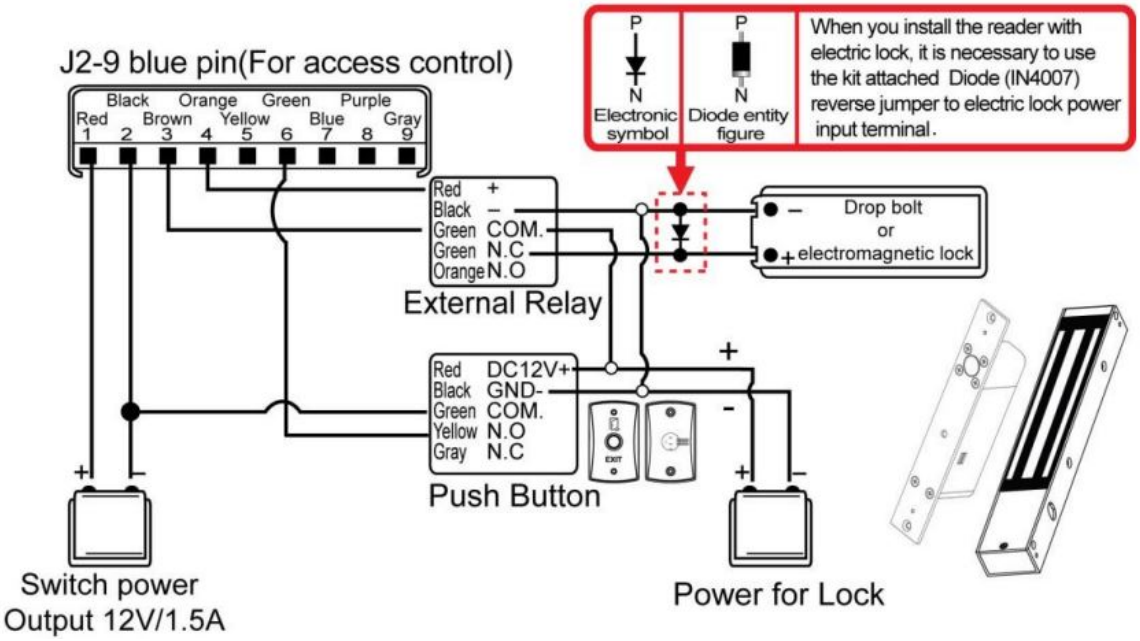
1. The distance between Main reader and external reader sould be over 30cm to prevent mutual interference.
2. Please put some more no-metal plate between the reader & metal plate to enhance the reading distance.

Example of how to wiring

Wiring connection with external relay and power supply



Wiring connection with external relay and power supply for heavy load locks


J2-9 blue pin(For access control)
Black Orange Green Purple
Red Brown Yellow Blue Gray
1 2 3 4 5 6 7 8 9
P
N
Electronic symbol
P
N
Diode entity figure
When you install the reader with electric lock, it is necessary to use the kit attached Diode (IN4007) reverse jumper to electric lock power input terminal.
Red +
Black –
Green COM.
Green N.C
Orange N.O
External Relay
– Drop bolt
or
+ electromagnetic lock
Red DC12V+
Black GND-
Green COM.
Yellow N.O
Gray N.C
Push Button
EXIT
+
-
+
–
Switch power
Output 12V/1.5A
Power for Lock

Documents / Resources

Pegasus PP-6750V Series Dual Frequency Time Attendance Recorder [pdf] Instruction Manual

PP-6750V Series Dual Frequency Time Attendance Recorder, PP-6750V Series, Dual Frequency Time Attendance Recorder, Time Attendance Recorder, Attendance Recorder, Recorder