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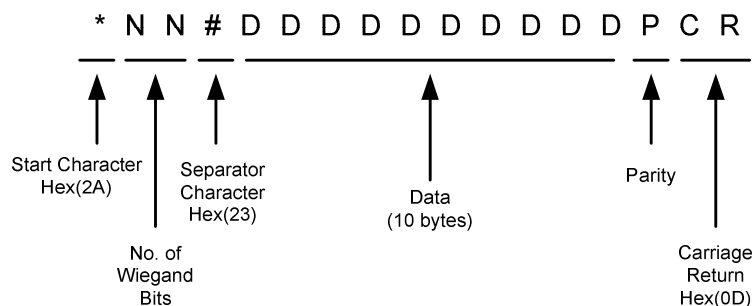
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1.3 RS232 Input/Output Format

The format of the RS232 is in the form of 16-byte ASCII string (In Hex format) as follow:



The **Parity Character P** is decoded as follows:

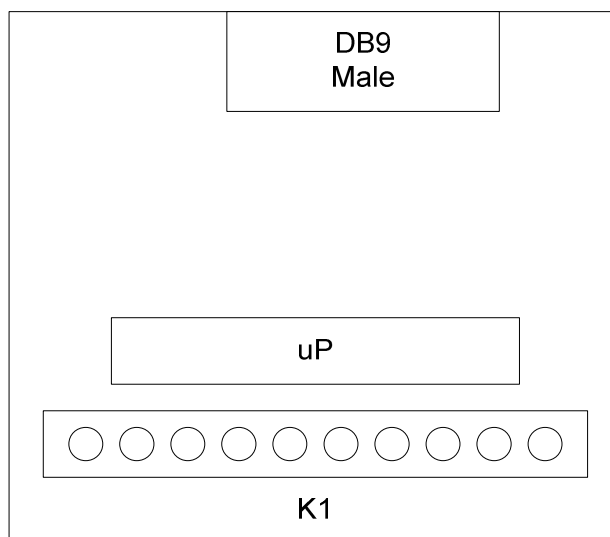
RS232 Side	Wiegand Side	
P	P _S	P _E
0	0	0
1	0	1
2	1	0
3	1	1

1.4 Command Data:

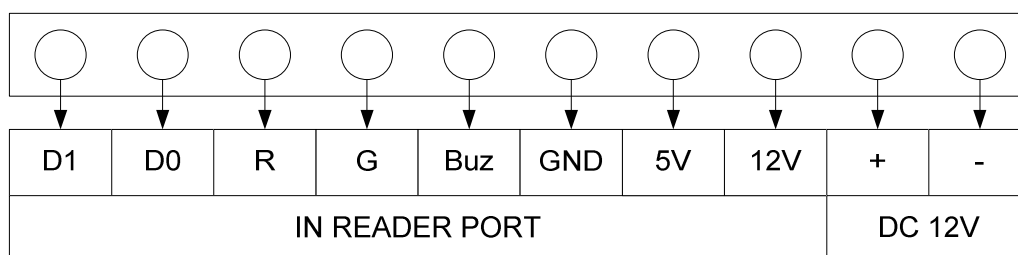
4 Bytes Hex Value	Description
02 _H 31 _H 30 _H 03 _H	Turn on Reader Green LED
02 _H 31 _H 31 _H 03 _H	Turn off Reader Green LED
02 _H 31 _H 32 _H 03 _H	Toggle LED (Bi-Color LED Turns Orange)
02 _H 32 _H 30 _H 03 _H	Turn on Reader Buzzer
02 _H 32 _H 31 _H 03 _H	Turn off Reader Buzzer
02 _H 33 _H 30 _H 03 _H	Turn on Converter LED
02 _H 33 _H 31 _H 03 _H	Turn off Converter LED
02 _H 34 _H 30 _H 03 _H	Turn on Converter Relay
02 _H 34 _H 31 _H 03 _H	Turn off Converter Relay
02 _H 35 _H 30 _H 03 _H	Turn on Converter Buzzer
02 _H 35 _H 31 _H 03 _H	Turn off Converter Buzzer
02 _H 36 _H 30 _H 03 _H	Turn on Reader Red LED
02 _H 36 _H 31 _H 03 _H	Turn off Reader Red LED

2 Pin Connectors:

The schematic of the MA1405 is shown in the following figure.



2.1 Connector K1



- D1: Wiegand Data 1
- D0: Wiegand Data 0
- R: To Reader Red LED
- G: To Reader Green LED
- Buz: To Reader Buzzer
- GND: Ground
- 5V: 5V DC output
- 12V: 12V DC output
- +: Power Supply +12V In
- : Power Supply Ground

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