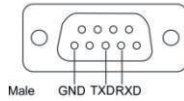


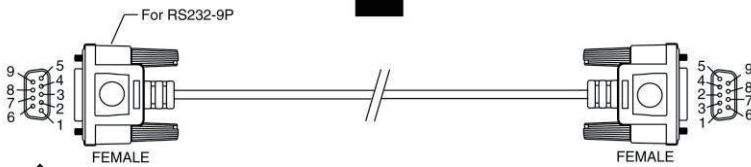


Dell P5524Q RS232 Protocol Document

- **RS232 Projector Pin Assignment (Facing Monitor)**



- **RS232 Serial Communication Cable Pin Assignment (Facing Cable)**



- ◆ **Pin Assignments**

RS232	PIN DESCRIPTION	RS232
1		
2	TXD	2
3	RXD	3
4		
5	GROUND	5
6		
7	Not Used	7
8	Not Used	8
9		

 **Note 1:** The RS232 cable is not provided by Dell.

● **RS232 Protocol Communication Settings**

Connection Settings	Value
Baud Rate	9600 bps
Data Bits	8 bits
Parity	None
Stop Bits	1 bit
Flow control	None

Control Command Syntax (From PC to Monitor)

[H0][H1][Len][R/W][Cmd][Data0]...[DataN][CHK]

[H0] = 0x37

[H1] = 0x51

[Len] = Length

[R/W] = Read/Write

 Read = 0xEB

 Write = 0xEA

[Cmd] = Command

[Data0]...[DataN] = Data0~N

[CHK] = Check Sum

Reply Command Syntax (From Monitor to PC)

[H2][H3][Len][Reply][RC][Cmd][Data0]...[DataN][CHK]

[H2] = 0x6F

[H3] = 0x37

[Len] = Length

[Reply] = Reply (0x02)

[RC] = Result Code

 0x00 = Success

 0x01 = Timeout

 0x02 = Parameters Error

 0x03 = Not connected

 0xFF = Other Failure

[Cmd] = Command

[Data0]...[DataN] = Data0~N

[CHK] = Check Sum

Example: Get Monitor Name

[From PC to Monitor] = 37, 51, 02, EB, 01, 8E

[From Monitor to PC] = 6F, 37, 0E, 02, 00, 01, 44, 65, 6C, 6C, 20, 43, 35, 35, 31, 39, 51, 4E

Checksum calculation

Xor byte by byte from first byte to the end of the command data stream.

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