

Panasonic Projectors RS-232C Control Specifications

PT-D7700/PT-DW7000 PT-D3500

The main unit is equipped with SERIAL terminals located in its terminal section on the side, and this terminal is compliant with RS-232C.

■ Pin assignments and signal names

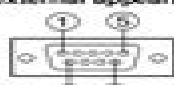
D-Sub 9-pin (female), external appearance



Serial input terminal

Pin No.	Signal name	Description
①		NC
②	TXD	Send data
③	RXD	Receive data
④		Connected internally
⑤	GND	Ground
⑥		NC
⑦	CTS	Connected internally
⑧	RTS	
⑨		NC

D-Sub 9-pin (male), external appearance



Serial output terminal

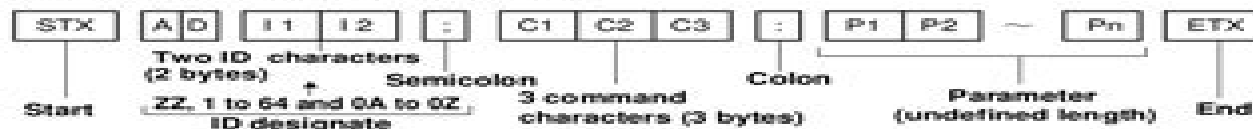
Pin No.	Signal name	Description
①		NC
②	RxD	Receive data
③	TxD	Send data
④		NC
⑤	GND	Ground
⑥		NC
⑦	RTS	Connected internally
⑧	CTS	
⑨		NC

■ Communication conditions (Factory setting)

Signal level	RS-232C-compliant
Synchronization method	Start-stop synchronization
Baud rate	9 600bps
Parity	None
Character length	8 bits
Stop bit	1 bit
X parameter	None
S parameter	None

■ Basic format

Transmission from the computer begins with STX, then the ID, command, parameter, and ETX are sent in this order. Add parameters according to the details of control.



Attention

- No command can be sent or received for 10 to 60 seconds after the lamp starts lighting. Try sending any command after that period has elapsed.
- When sending several commands, be sure to wait for more than 0.5 seconds after receiving a response from the projector, and then send the next command.
- When sending commands without parameters, a colon (:) is not necessary.

Note

- If a wrong command is received, the projector will send an ER401 or ER402 command to the computer.
- Projector ID supported on the RS-232C interface is ZZ (ALL) and a group of 1 to 64 and 0A to 0Z.
- If a command is sent with a projector ID specified, the projector will return answer back only in the following cases:
 - If it coincides with the projector ID.
 - ID specification is ALL and VPS-SYSTEM is the master, or
 - ID specification is group and Group is the master.

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Anthony S. Fauci



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