

CHDMI-41 RS-232 Remote Control Protocol

* The connection between CHDMI-41 and remote controller with **RS-232 modem cable**.

Pins definition of modem cable

CHDMI-41			Remote Controller	
PIN	Definition		PIN	Definition
1	NC		1	NC
2	TxD	→	2	RxD
3	RxD		3	TxD
4	NC		4	NC
5	GND	←	5	GND
6	NC		6	NC
7	NC		7	NC
8	NC		8	NC
9	NC		9	NC

* RS-232 transmission format:

Baud Rate : 9600 bps

Data Bit : 8 bits

Parity : None

Stop Bit : 1 bit

* Command :

* A command is combined with a word plus a dig

* This combination commnad code has to be separated by ASCII character SPACE

* The command will be executed after ASCII character "CR" input

* After ASCII character "CR" is entered, The unit will reply "OK" if the command is legal

* If the command is illegal, The unit will reply "NG"

Command Code	Comment
"PORT"+SPACE+"1"+CR	PORT 1 ON
"PORT"+SPACE+"2"+CR	PORT 2 ON
"PORT"+SPACE+"3"+CR	PORT 3 ON
"PORT"+SPACE+"4"+CR	PORT 4 ON
"SIGNAL"+SPACE+"1"+CR	ENABLE SIGNAL ENHANCE
"SIGNAL"+SPACE+"0"+CR	DISABLE SIGNAL ENHANCE
"POWER"+SPACE+"1"+CR	POWER ON
"POWER"+SPACE+"0"+CR	POWER OFF