



OPPO HM-31 Advanced 3x1 HDMI Switch

RS-232C Remote Control Command Reference

1. RS-232C Connection

The OPPO HM-31 Advanced 3x1 HDMI Switch is equipped with an RS-232C port for wired remote control. The port is configured as a DCE device. To connect the HM-31 to the RS-232C port of a PC, a straight-through DB9 9-pin D-Sub type RS-232 serial cable is needed. Do NOT use a “Null-Modem” type cable.

The pin out of the HM-31 RS-232C port is as the following:

Pin	Signal
2	TXD
3	RXD
5	GND

2. Data Rate Settings

The data rate setting for remote control is: 9600bps, 8-bit data, 1-bit stop, no parity, no flow control.

3. Command Reference

The following commands are supported. Each command must start with a # character at the beginning of the line and end with a carriage return character.

Command Text	Command Hex	Function	Response
#NU1↵	23 4e 55 31 0d	Select port 1	#OK 1
#NU2↵	23 4e 55 32 0d	Select port 2	#OK 2
#NU3↵	23 4e 55 33 0d	Select port 3	#OK 3
#SWH↵	23 53 57 48 0d	Select next active port	#OK 1 2 3
#QAC↵	23 51 41 43 0d	Query selected port	#OK 1 2 3
#QVC↵	23 51 56 43 0d	Query active ports	#OK [1] [2] [3]
#QVR↵	23 51 56 52 0d	Query firmware version	#HMS31-04-0629
(any)	(any)	Invalid command	#ER