

RS-232 Protocol Specification

(Large Format Professional Monitor 65-84Inch-5159/ High Brightness Professional Monitor 32-65Inch-5159)

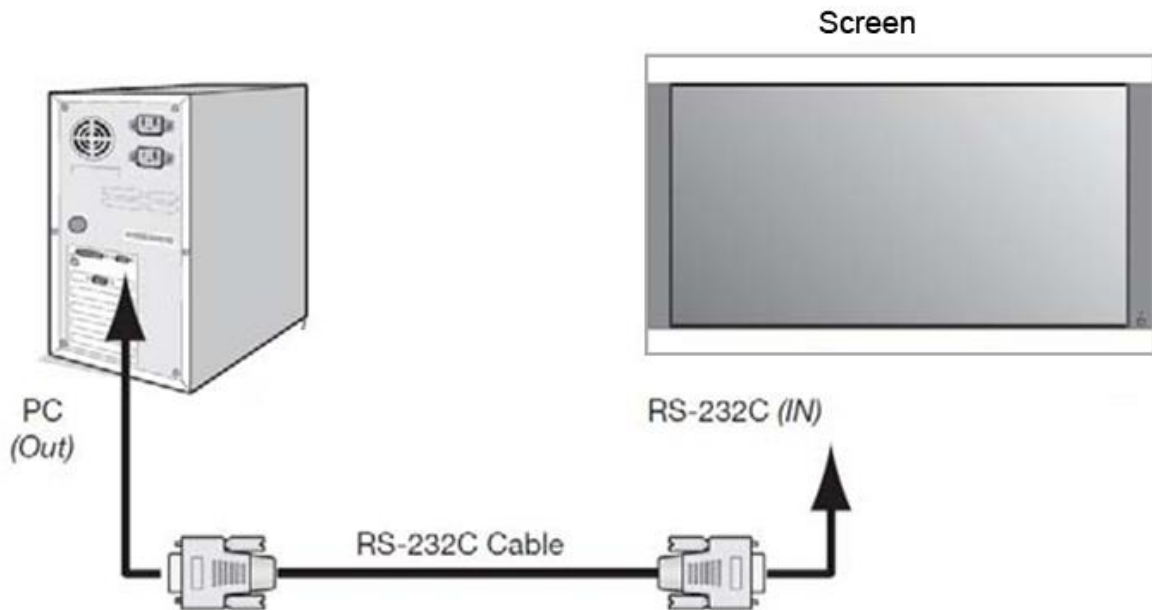
15.09.2016

RS-232 Control

You can control this monitor by using a personal computer with RS-232 terminal. RS-232 data is transmitted between devices through a DUB9 Cable.

RS-232 Data Flow (using by 9P RS-232 Cable)

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COM Port Settings

Protocol	RS-232
Baud Rate	9600bps
Data Bits	8 Bit
Parity Bit	None
Stop Bit	1 Bit
Flow Control	None
Communication Code	HEX

Control OSD Command Format

Control	Command
POWER ON:	89 F0 01 01
POWER OFF:	89 F1 01 01
SOURCE	89 75 21 01
HDMI	F5 FA 05 91 01 01 02 87
VGA	F5 FA 05 91 01 01 02 88
Digital Signage	F5 FA 05 91 01 00 02 86
MENU	89 73 23 01
UP	89 63 33 01
DOWN	89 83 13 01
LEFT	89 72 24 01
RIGHT	89 74 22 01
POWER	89 76 20 01
SELECT	89 96 11 01
1	89 92 04 01
2	89 A2 F4 01
3	89 B2 E4 01
4	89 93 03 01
5	89 A3 F3 01
6	89 B3 E3 01
7	89 94 02 01
8	89 A4 F2 01
9	89 B4 E2 01
0	89 95 01 01
MUTE	89 C1 11 01
VOL+	89 C2 11 01
VOL-	89 C3 11 01

NOTE: There is no individual command for power on/off, you can use command to change the power status first, and if you need to change the status, then you can send the command to change it.

Request the power status: F5 FA 04 11 01 02 05

If screen is power on, it will return code as: F5 FA 06 80 11 01 01 02 88

If screen is power off, it will return code as: F5 FA 06 80 11 01 00 02 87