RS-232 Protocol Specification

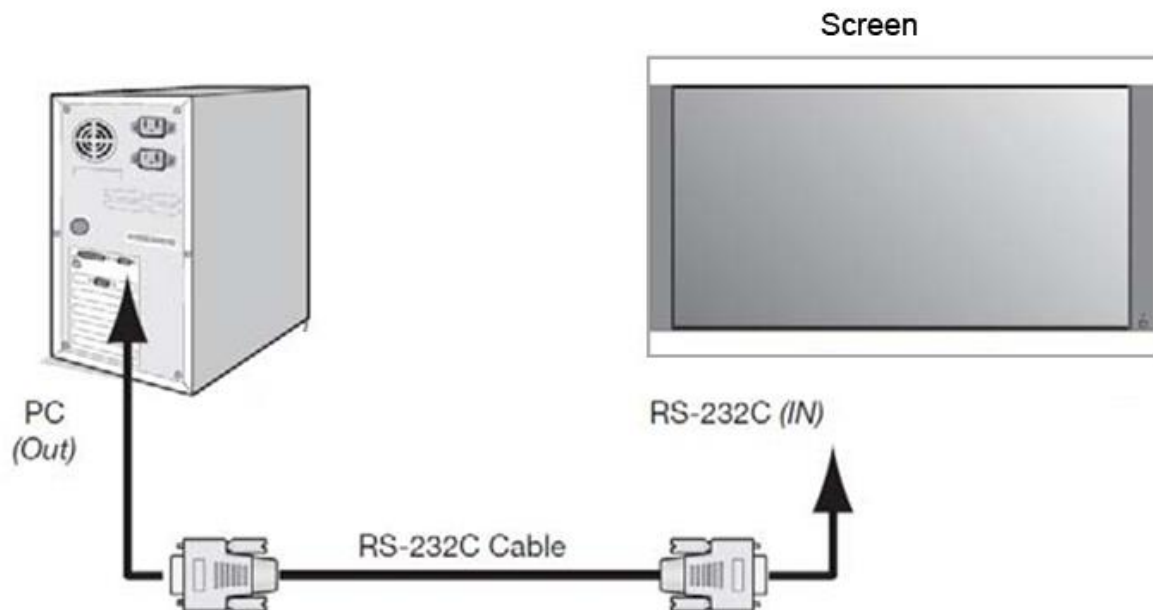**(Large Format Professional Monitor 65-70Inch-5159/ High Brightness Professional Monitor 32-65Inch-5159)**

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 devises through a DUB9 Cable.

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

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

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 02 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 commend for power on/off, you can use commend 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
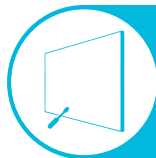**If screen is power on, it will return code as: F5 FA 06 80 11 01 01 02 88**
If screen is power off, it will return code as: F5 FA 06 80 11 01 00 02 87

Why Choose Our Commercial Display Solutions?

Lifetime Technical Support

From the moment you receive your product, throughout the duration of your warranty and even after your warranty has expired we are here to support you. If you require any assistance setting up or using your product, or have any problems at all, we can provide free technical support via telephone and email.

On-site Support and Maintenance*

If needed, we can provide an installation service for any of our products. We can also set up service-level agreements for larger projects that require maintenance contracts.

Extended Warranty*

All of our commercial display products come with a 3 year commercial warranty as standard but if you want to extend this you can upgrade this to cover a 5 year period at point of purchase.

Training

As well as providing free remote CMS training sessions and webinars we can also visit you to deliver bespoke training for our software and hardware*.

Advanced Replacements†

Should your display suffer from any kind of hardware failure during the warranty period we will send you an advanced replacement and arrange for your old display to be collected, free of charge. This ensures no downtime where you are without a screen.

Custom Product Testing & Configuration

If you need us to test third party software or a website, or configure your screen in a particular way before it is dispatched (e.g. in a particular orientation or network mode), we can do so to make your life easier.

3D Rendering

Want to know how a particular screen will look once installed? Send us a photo of the location and we will create a 3D rendering of any screen in situ to help you to visualise how amazing it will look.

Logistics Support

We hold more stock in our UK warehouse than any other manufacturer so we can help you meet tight deadlines. For last minute orders we can also offer special express or morning delivery options*. We also carry out UK based quality control checks on every display before it leaves our warehouse.

Project Support

If you need to loan a sample unit to test we'd be more than happy to arrange this. We can also provide a rental service for temporary projects*.

Customisation*

Your display can be customised to suit your requirements by adding your logo or printed graphics or even tailoring the colour of a display. We can also carry out hardware modifications to existing products or manufacture bespoke solutions for special projects.

Extras*

As well as being able to provide accessories and add-ons, such as extra remote controls, NUC PCs and video wall controllers, we can also supply custom made flight cases which are great if a display needs to be moved safely from place to place.

†UK mainland only
*These particular services may incur additional charges