



Philips Professional Displays Module Manual

About:

Philips Professional Display Solutions helps create the ultimate experience in any business sector.

Philips Professional Displays offer SICP commands that allow you to control the display via RS-232 or Ethernet.

An IR control module with discreet on and off commands is also included the module zip folder.

Control:

Compass Control module provides one-way control of:

- Input selection
- Volume Control
- Display Power

Setup Communication:

Control via IR, RS232, or TCP/IP

IR module:

- Find the correct IR receiving area of the display and attach the IR emitter to the area.
 - For example, Q-Line series Philips display, IR receiver locates on the right-rear of TV.
- Ensure the display's ID is set to 1.

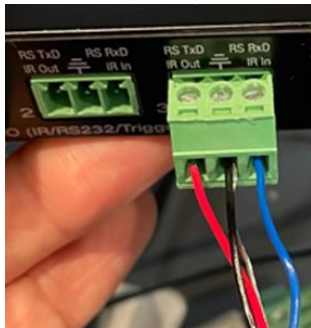


RS232 module:

- Ensure the display's ID is set to 1.
- Connect RS-232 cable from the display to a controller (e.g. KD-CX800)
 - Note: The type of RS-232 (serial) cable can be varied depending on the display model. Below inner wiring colors may change without notice. Contact Philips Support if you suspect a wiring difference.
- For Q-Line displays, DB9 female to 3.5mm serial is cable used with the 3.5mm side connected to the display.



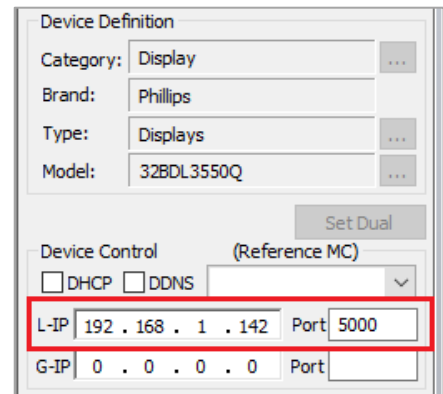
If using a KD-IP822/922/1022 or KD-CX800 controller, cut the Philips 3.5mm to DB9 cable and use the below depicted pinout. Note that I/O port 2 or 3 must be used as I/O port 1 does not support RS-232 control.



KD-IP822/922/1022, KD-CX800		
Pin #	Pin Name	Philips Wire Color
1	TxD	Red
2	Ground	Black + Bare Wire
3	RxD	Blue

TCP/IP module:

- Ensure the display's ID is set to 1.
- Ensure all IP devices are in the same network (ie. Display, iPad, Controller, etc.)
- Set the IP address of the display:
 - 1) DHCP (default): Find the IP address of the display using Advanced IP Scanner.
 - 2) Assign Static IP address (*Strongly recommend*): see [Appendix 1](#).
- In Compass Navigator, enter the display's IP address and the port "5000" into the device properties tab (port 5000 is default).



Setup Complete:

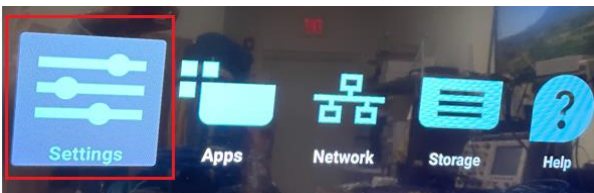
Upload and update project for use

Appendix 1

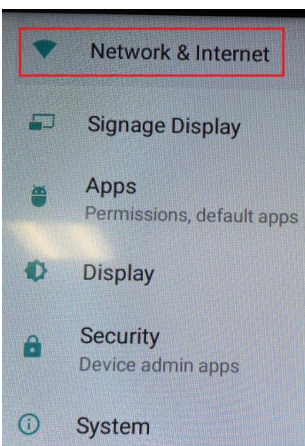
How to assign the static IP address of the display:

1. With IR Remote Control, press "Home + 1888".

2. Select "Settings"



3. Select "Network & Internet".



4. DHCP is enabled as default. You must enable Static IP and enter all desired ethernet properties.

