



PRODUCT NAME : 10.1" Display &
amp; Audio 1280x800 IPS - HDMI/
VGA/NTSC/PAL

PRICE : Rs 16,999.00
SKU : RM3258



DESCRIPTION

Make a lovely audio/video setup with a 10.1" IPS screen with HDMI stereo speaker support. For video, we have a beautiful bright 10.1" TFT display with incredibly high resolution and great angle-visibility! We tried to get the thinnest, brightest, highest resolution display that would be good for embedded computing usage. The visible display measures 10" diagonal and is a 'raw' display as is used in a tablet, ultra thin with some mounting tabs around the edge. We include a driver board with HDMI, VGA and Composite inputs as well as stereo 4 ohm at 3W output driving capability. The setup is very easy to use - simply connect a 9 to 12VDC adapter to the 2.1mm center-positive DC jack, then connect a digital video source to one of the ports and two 4 to 8 ohm speakers to the SPK output pins. Voila, a display!

There's a little wired PCB with little buttons that let you enter a menu system for adjusting brightness, color and contrast. It tried to auto-detect which input you have and switches to that one or you can 'select' from the menu which to display.

We include a plug-in cable that connects to the 4 speaker output pins, the pins are labeled LOUT+/- and ROUT+/- you'll have to solder your own speakers to the 4 wires

To demonstrate it, we took some photos with the display connected to a Raspberry Pi, but it will also work connected to any device with HDMI, VGA or NTSC/PAL output. It will not work with a device that only outputs DVI (without a DVI to HDMI converter) or SECAM.

For use with a Raspberry Pi we suggest editing **config.txt** to set the HDMI to 1280x800 in case it doesn't detect the resolution properly. You can see our suggested config.txt in the Technical details tab. The easiest way to edit the config.txt is to put the Pi SD card into an every day computer and edit config.txt with any text editor and save.

For use with a BeagleBone black, we found it works when plugged in, no configuration required.

A power adapter is NOT included. You will need to either purchase a 9 or 12VDC adapter or you can use one you've already got around the house.

TECHNICAL DETAILS

- [Driver Datasheet](#)

- [Keyboard Datasheet](#)
- Power with 9-12VDC
- 16:10 display ratio
- Resolution: 1200 x 800
- Visible area: 217mm x 135mm 16:10
- Brightness: 350cd/m2
- Contrast: 800:1
- We ship with a [an HSD101PWW1 display](#), or equivalent
- Display dimensions: 230mm x 150 x 5.2 mm
- Not HDCP compatible - it cannot be used with 'secured' HDMI sources

Power draw from combined display+HDMI driver when backlight is on

- 5V: 980mA (not guaranteed to function at 5V)
- 6V: 780mA (not guaranteed to function at 6V)
- 7V: 660mA
- 8V: 575mA
- 9V: 515mA
- 10V: 450mA
- 11V: 415mA
- 12V: 380mA