Page 1

1、Product introduction产品介绍

1. 1. characteristics特征

* Simple fashion design, support multiple installation mode, 7 inch high brightness liquid crystal display, 800 *480 or 1024* 600 resolution

* 简单时尚的外观设计，支持多种安装模式，7寸高亮度液晶显示屏，800 *480或1024* 600的分辨率。

* The structure of the universal original product and the increase of audio and video input (the exclusive patented product has this function)

* 通用原装产品的结构，且增加音视频输入（独家专利产品才有此功能）。

* Have its own intellectual property rights, patent products

* 有自己知识产权，专利产品。

* High sensitivity USB free drive CTP capacitive screen

* 高灵敏度USB免驱的CTP电容屏。

* Support all PI with HDMI input interface

* 支持所有带HDMI输入接口的PI。

* Support the left and right channel loudspeaker output

* 支持左右声道扬声器输出。

* Support 12V power supply and mobile power supply (USB 5V2A) power supply

* 支持12V供电和移动电源（USB 5V2A）供电。

1.2.Specifications产品规格

Power input 电源输入	DC5V—2A (mix)
The power adapter 电源适配器	Input:AC100-240V~50/60Hz
	Output:DC5V-2A(mix)

1

Page 2

Screen size 屏幕尺寸	7inch 16:9
Resolving power 分辨率	800(H)*480(V)□ 1024(H)*600(V)□
visible area 可视区域	154.8(W)*85.92(H)mm
viewing angle 可视角度	130°(H)*115°(V)
brightness 亮度	400cd/m²
contrast ratio 对比度	500:1
response time 响应时间	12ms
Audio and video input 音视频输入	1Vp-Pcvbs
HD input HD输入	640 x 350 --1920 x 1200 Suppor PAL、 NTSC
speaker out 扬声器输出	2W8Ω
working temperature 工作温度	0~40°C

1.3.Product application产品应用

The raspberry pie is developed by the Raspberry Pi foundation, a charitable organization registered in the UK, and Eben Upton/ Upton is the leader of the project. In March 2012, the University of Cambridge (Eben Epton) Eben Upton officially launched the world's smallest desktop computer, also known as card type, credit card sized appearance, but has all the basic functions of the computer, this is the Raspberry Pi computer board, Chinese translation of "raspberry pie". Based on its open Linux system, the raspberry pie is the world's card computer industry leader. With the release of Windows 10 IoT, we will also be able to use the raspberry pie that runs Windows. Since the

2

Page 3

world, the audience of many computer enthusiasts and the pursuit of customers, once "school" is difficult. Do not look at the appearance of "Petite", "heart" is very strong, video, audio and other functions all have, can be described as "small sparrow, all five viscera".

It is based on the product characteristics of raspberry pie, Shenzhen ShenBorui technology company after more than a year to develop professional display products. It is applied to multimedia, development research, electronic enthusiasts DIY, education and training, product application, equipment development, electronic school experiment products, electronic toys and so on in all walks of life applications.

树莓派由注册于英国的慈善组织"Raspberry Pi 基金会"开发，Eben•Upton/埃•厄普顿为项目带头人。2012年3月，英国剑桥大学埃本•阿普顿（Eben Epton）正式发行世界上最小的台式机，又称卡片式电脑，外形只有信用卡大小，却具有电脑的所有基本功能，这就是Raspberry Pi电脑板，中文译名"树莓派"。基于其开放Linux系统，树莓派是全球卡片式电脑行业领袖。随着windows 10 IoT的发布，我们也将可以用上运行windows的树莓派。自问世以来，受众多计算机发烧友和创客的追捧，曾经一"派"难求。别看其外表"娇小"，内"心"却很强大，视频、音频等功能通通皆有，可谓是"麻雀虽小，五脏俱全"。

正是基于树莓派的产品特点，深圳市深博瑞科技公司经过一年多时间研发出专业配套显示产品。应用于多媒体、开发研究、电子爱好者DIY、教育培训、产品应用、设备开发、电子学校实验产品、电子玩具等等各行各业应用。

1.4.Key operation instructions按键操作说明

3

Page 4

1【○】：Signal input selection 信号输入选择AV HD

2【-】：Cut keys减键

3【Ξ】：menu菜单

4【+】：Add keys加键

5【Φ】：Power switch machine电源开关机

1.5.Terminal illustration终端插图

①USB mini：Support 5V2000mA distribution and CTP connection computers
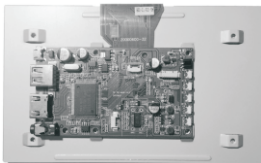
支持5V2000mA配电和CTP连接电脑。

②USB：Support USB 5V2000mA distribution

支持USB 5V2000mA配电。

③HD：High definition signal input 高清信号输入

④AV：Audio / video input 音频/视频输入

4

Page 5

1.6.Standard accessories：标准配件

Instructions 说明书	————1本
RCA signal line RCA信号线	————1条
HD signal line HD信号线	————1条
USB connection line USB连接线	————1条
Power adapter 电源适配器	————1个

2、Operation description操作说明

2.1.boot / shutdown 开机/关机

The opening sheet is pressed by this machine and the system opens.

开机单按本机【Φ】键，系统开机

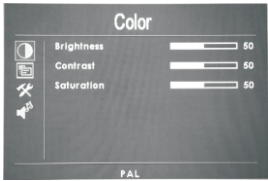The system is shut down, the system is shut down and the system is shut down.

关机单按本机【Φ】键，系统待机，断电后，系统关机

2.2.Main menu operation instructions主菜单操作说明

According to [], the key is the channel selection, according to [.] key will list the 4 function menu from top to bottom, then press [1] button to select the required menu, then press the (-) or (+) key value adjustment confirmation, according to [] key to exit.

按【○】键是通道选择，按【Ξ】键会列出4个从上至下的功能菜单，再按【○】键选择需要的菜单，再按（-）或（+）键进行数值调整确认，按【Ξ】键退出。

5

Page 6

2.3.Color menu颜色菜单

The brightness, contrast, and saturation can be selected with a standard value of 50.
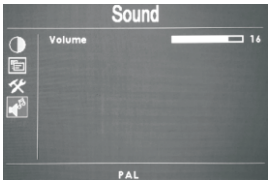
Select []. [1] key, according to the selected function, according to [-] [+] [2], according to the confirmation.

可以对亮度、对比度、饱和度进行选择，标准值为50。

选择【Ξ】键，按【○】选中功能，按【-】【+】选择，按【○】确认。

2.4Volume settin音量设置

6

Page 7

The volume of the [+] key is increased by the volume of the [-] key.

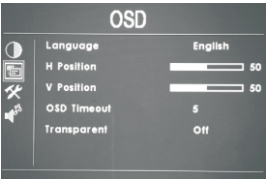按【-】键音量减小，按【+】键音量加大

2.5Function settings功能设置

Reset key confirmation, image flip function selection, can achieve up, down, left and right; blue screen function; cross line function [Cross]: professional industrial control display focus (such as digital microscope). Select []. [1] key, according to the selected function, according to [-] [+] [2], according to the confirmation.

7

Page 8

复位键的确认，图像翻转功能选择，可实现上、下、左、右、；蓝屏功能：十字线功能【Cross】：具有专业的工业控制显示焦点（如数码显微镜）。选择【Ξ】键，按【○】选中功能，按【-】【+】选择，按【○】确认。

2.6Menu settings菜单设置

Support for eight languages (English, Chinese, Japanese, Spanish, French, Russian, Portuguese, German); horizontal position adjustment (50 for the center, value addition and subtraction can move around; (50) vertical position adjustment is middle, value addition and subtraction can be moved up and down); adjust the screen display time (5--60 seconds); brightness adjustment menu (off or 1--7). In the selection menu. [] [1] button, press select functions, according to [-] [+] [2], according to the confirmation.

支持八种语言（中文，英语，日语，西班牙语，法语，俄语，葡萄牙语，德语）：水平位置调整（50为居中，数值加减可左右移动）；垂直位置调整（50为居中，数值加减可上下移动）；屏幕显示时间的调整（5--60秒）；菜单明暗度调整（off或1--7档）。菜单在选择【Ξ】键，按【○】选中功能，按【-】【+】选择，按【○】确认。

8

Page 9

3、Trouble Shooting故障排除

Symptom 故障现象	Solutions 解决方案
No Picture&sound 无图像和声音	Adapter may not be properly connected 适配器可能未正确连接
	Do not use any unauthorized power adapterted 不要使用任何未经授权的电源适配器
No picture 无图像	Check whether the source is correct 检查电源是否正确
	Reconnect the signal cable 重新连接信号电缆
	Check whether the signal is matched with the input function 检查信号与输入功能选择是否匹配
No sound 无声音	Check whether the headphone is inserted 检查耳机是否插入
	The silencer is working 消音器工作
Dark picture 一团漆黑	Check whether the brightness and contrast are properly set 检查亮度是否亮度和对比度设置正确
	The temperature around may be too low 周围的温度可能太低
No color 无颜色	Check whether the color is set correctly 检查色彩是否设置正确
	Wrong setting of picture system adjust the picture system in system menu 图片系统的错误设置调整系统菜单画面系统

9

Page 10

4、Precautions注意事项

This part provides some operation information and precautions of LCD monitor, please carefully read this user manual and follow the instructions.

这部分提供了一些操作信息和液晶显示器的注意事项，请仔细阅读本用户手册，并按照指示。

10

Page 11

11

RASPBERRY PI
TFT COLOR LCD MONITOR

HD MONITOR
User Manual