PiFace Control & Display 2 I/O Expansion Board
RPi0628

Description

Unshackle your Raspberry Pi from its keyboard, mouse and monitor! With PiFace Control & Display you can put your Raspberry Pi where you would never think possible. Saves space and power by removing the need for a monitor, yet still providing a user interface.

PiFace Control and Display 2 is an add-on board for Raspberry Pi that includes a character display, buttons and knobs to allow for interfacing with the single board computer without the use of a monitor, keyboard and mouse. Display status information, messages and menus, and then control your Pi with an IR remote control or onboard buttons with PiFace Control & Display.

Ideal for using in XBMC media servers, Internet radios or in your own Raspberry Pi applications. Get started quickly by using the single line install script pulling in all the driver code needed to run the pre-designed examples. Get internet radio in superfast time! The PiFace Control & Display software also allows for the easy creation of your own bitmap icons. Customisable for whatever applications you need.

Features

- 16 character by 2 line alphanumeric display
- User definable custom characters
- LED display backlight
- IR receiver for infrared remote control
- 3-position navigation switch
- 5 tactile switches
- Quick and easy menu building with Python libraries provided

Specifications

Display	2 x 16 character alphanumeric display
Core Architecture	ARM
Sub-core Architecture	ARM1176JZF-S
Silicon Core Number	BCM2835
Silicon Family Name	BCM2xxx
Compatibility	Raspberry Pi (Model A, Model B, Model B+)
IR Rx	Yes
User Definable Custom Characters	Yes