



Color LED DMD controller for virtual and real pinball machines

INSTALLATION INSTRUCTIONS

Programming the firmware on to the STM board

- 1) Download and install ST Link Utility:
<http://www.st.com/web/en/catalog/tools/PF258168>
- 2) Download latest PIN2DMD from github <https://github.com/lucky01/PIN2DMD>
- 3) Connect the STM32 board to the PC using a mini-USB cable (not the smaller microUSB cable). The board will light up and you should an STM32 STLink USB device connected in the Windows notification tray
- 4) Flash firmware: Target → Program
Choose PIN2DMD.BIN file from firmware/latest latest folder.
- 5) Programming STM board is done

Now is the time to install the PIN2DMD driver

- 1) Connect the STM board using the MiniUSB cable to PC to provide power, if not already connected.
- 2) Connect the STM board also using the microUSB cable to PC
Windows should automatically installation the device.
- 3) Start Zadig Utility from usb_driver folder.
- 4) Choose Options → List All Devices
- 5) Choose LIB-USB-WIN32 as driver and install
- 6) PIN2DMD is successfully installed.



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Don't forget:

Post some Pictures / Videos in the VPU forum: (international forum)

<http://vpuniverse.com/forums/forum/132-pin2dmd/>

and or in the Flippermarkt Forum: (German forum)

<http://www.flippermarkt.de/community/forum/showthread.php?t=160762>

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Lucky1: <http://vpuniverse.com/forums/user/7772-lucky1/>

UncleSash: <http://www.diysascha.wordpress.com>

Version: 02-22-2016