

Classrooms

This page is being reconstructed and might not contain correct information: If in doubt, please ask!

Contacting

If the classrooms need some maintenance that you are motivated to take care of it, but just need funding or want assistance accomplishing this task? Just email classroom@dallasmakerspace.org.

Class Sign In Sheet

[Public Sign-In Google Doc](#)

Overview (Guide to Rooms)

There are six general use classrooms. Their capacities and default set-ups are detailed in [Rooms Guide](#).

Lobby Classroom

Lecture Hall

[Lecture Hall Presentation Guide](#) How to use the equipment

Lecture Hall Presentation Guide



Mu/th/er: Lecture Hall node

Monitor the Epson PowerLite HC-8350 Projector

The main goal here is to help preserve the projector lamp by:

- monitoring the temperature of the air at the projector's
 - intake
 - exhaust port

RS-232 interface

- male db9 connector "To use an AV controller with the projector, connect a 9-pin null modem serial cable to the RS-232C port."
- Using the BeagleBone Black:

1. <http://www.logicsupply.com/components/beaglebone/capes/cbb-ttl-232>

because all signals on the BeagleBone Black are 3.3 voltmale, \$15

- Using Raspberry Pi

1. <http://www.ebay.com/itm/like/181629384677?lpid=82&chn=ps>

female, \$10

- Using any 3.3 thru 5.0 volt micro controller:

1. <http://www.ebay.com/itm/MAX3232-RS232-Serial-Port-To-TTL-Converter-Module-DB9-Connector-ARDUINO-/171689092477>

Features:Communication Chip:MAX3232 chipOperating Voltage: 3.3V~5VaFour Interface:VCC,GND,RXD,TXDCan be used in STC SCM,STM32 SCM,NXP SCM,NEC SCMPackage Include:1pcs MAX3232 RS232 To TTL Converter Module DB9 Connector for ACM Robot Smart Car, ARDUINO, RASPBERRY PI, ETC.female, \$11

- Using USB

1. <http://www.ebay.com/itm/RS232-Serial-DB9-pin-female-to-USB-2-0-Cable-Windows-8-No-CD-/271770179924>

female, \$7

2. <http://www.ebay.com/itm/USB-to-RS232-Serial-9-Pin-DB9-Cable-Adapter-connector-For-PC-Mac-GPS-US-/321626964661>

male, \$5

3. http://www.ebay.com/itm/RS232-Serial-DB9-pin-female-to-USB-2-0-PL-2303-Cable-for-Winow-7-Linux/271510225636?_trksid=p2047675.c100005.m1851

female, \$8

Yamaha RX-A840 Receiver

- S/N:
- http://usa.yamaha.com/products/audio-visual/aventage/rx-a840_black_u/
- Manual: RX-A840



RX-A840_OM_En.pdf

Epson PowerLite HC-8350 Projector

This device should be set to accept its input from HDMI 1 to get its signal from the Receiver.

- S/N: NP3F180855L
- Manual: Epson PowerLite Home Cinema 8350



Epson_PowerLite...sers_manual.pdf

Replacement Bulbs

Epson V13H010L61

3 Nov 2014 - Used bulb from Robert Davidson is now in operation.

links as of 1 July 2015

- <http://www.partsimple.com/v13h010l49-powerlite-home-cinema-8350-osr-n-43.html>
- <http://www.projectorlampsworld.com/epson-powerlite-home-cinema-8350-projector-lamp.html>
- <https://www.bulbamerica.com/products/epson-powerlite-hc-8350-projector-assembly-w-200-watt-projector-bulb>

Theoretically can get the bulbs for maybe, just maybe \$250:

- from
Atlas Electronics (John)2737 Irving BlvdDallas TX 75207(214) 631-2901
- Was referred by
Randal (sp)North Dallas Home Theater(214) 597-7714

Interactive Classroom

Vizio LCD TV (west)

- Model: E601i-A3B
- S/N: BFLFTRNWAN4421425

Vizio LCD TV (east)

- Model: E601i-A3B
- S/N: BFLFTRNWAN4323209

VGA to HDMI Adaptor

- Model Name: USB+VGU+Audio to HDMI
- Model No: SY-ADA31025
- other marking: LAN08070546