Technical equipment in the Motion Lab
as of July 28, 2014

Stage

Black velvet curtains in rails to cover three sides of the room

Screens in rails for the rail layout please see stage plan
1 Projection Screen 'Opera' cream white (24 feet wide x 14 feet height)
1 black sharktooth scrim (24 feet wide x 14 feet height)
1 white sharktooth scrim (24 feet wide x 14 feet height)

1 framed Projection Screen (8 x 6 feet) on stands

Light

Lighting control system
1  ETC ION (1024 DMX addresses) with 2 x 20 fader wing
1  LAN Box LCX
15 ETC single dimmer units, 750W each

LED Lights
10  ETC - Source 4 Lustr+ 50°
 4  ETC - Source 4 Lustr+ 36°
12  ETC - Source 4 Selador Desire D40
 6  ETC - Source 4 Selador Pearl
 2  barrels of each 50°, 36°, 26° and 19° for Source 4 Lustr+

Incandescent Lights
15  ETC - Source 4 575 W, 50°
 2  ETC - Source 4 575 W, 70°
20  ETC Parsnel , 750 W

 2  Roscoe I-Que, DMX controlled mirrors for ETC Source 4

Sound

digital Mixing Desk
1  Allen&Heath QU-16
Input:
16 mono channels, 3 stereo channels, USB
Output:
4 mono mix, 3 stereo mix, 1 main mix, USB

Speakers
6 Tannoy VX 12 each with flying bracket
1 Tannoy Power VS15 BP Subwoofer

Amps
4 Lab.Gruppen E-Series 8:2

Active Speakers
2 M-Audio BX5 D2
4 Event Electronics Alp 5

Microphones
2 Rode MT 5 matched pair
1 Rode NT2A
1 Shure SM 58
1 Electrovoice RE10
1 Shure 184 (Lavalier)
1 Azden SGM-1X shotgun
1 Alu Boom with shock mount

Wireless Microphone System
1 Sennheiser Evolution 100
with Lavalier and plug on Transmitter

more Microphones are shared with the Department of Dance

Soundcard
1 Motu 896 MK3

Players
1 CD Tascam SS-CDR200

HD Video

VideoProjectors
1 Panasonic PT-AE 7000u
3 Optoma TH 1060P
4 Optoma TW 610ST (short throw)
1 Optoma Pico PK 320
Monitors
1 Panasonic Viera 50” plasma HDTV
1 Samsung UN 40 EH 5300F
6 Acer G 245 HQ

Cameras
1 Canon XF 100
3 Canon Vixia HFM 52
1 Canon HDR HC 7

Side Rack
1 Gefen 8x8 HDMI Matrix Switcher
1 Atlona AT-HD 600 HDMI Scaler/Switcher
2 View HD 4x2 Switcher
1 Matrox Triple Head Display Port
2 Matrox Triple Head digital Port(DVI)
8 Atlona HDMI over CAT6 extender

SD Video

VideoProjectors
2 Sanyo Pro xtraX PLC - XU 78

Cameras
2 Canon DSR PD 150 (3chip)
2 Canon DCR-HC 38
1 Panasonic Lumix DMC-LX 2

Side Rack
1 Extron crosspoint 300 Matrix Switcher
2 Kramer Video Scaler VP 719

More Peripherals and fancy Stuff

Video Players
1 Panasonic DMP-BDT220P (Blu Ray)
1 Denon DN-V 200 (DVD)
1 JVC SR-DVM 600 (DVD and Mini DV)

2 Xbox Kinnect sensor
2 Speco technologies IR Surveillance Camera
1 CCD Camera IR Fisheye
2 I-Sight Web Cam
2 EverPlex 4CQ 4x1 BNC switcher
1 Gefen 4x1 DVI switcher
1 Midiman USB 2x2 Midiport
2 Garmin eTrex Legend GPS
2 Canopus AD/DA Video Converter (cinch/s-video to firewire)
5 Camera Tripods
8 flying brackets for any projector
4 DMX controlled Dowsers
2 XLR-wired Dowsers

Computer

Hardware
1 Mac Pro 3.5 Ghz 6-Core with Mac OSX 10.9.3
1 Thunderbolt Display 2560x1440
1 23” Acer wide screen monitors

Software
Isadora Core
Max MSP Jitter
Final Cut Pro X
Soundtrack Pro
Q-Lab
LC Edit
DVD Studio Pro
I-Suite
Adobe Suite
Office Suite
And more....