

A Piece OF Work - Tech Rider (september 2013)

This updated version of the tech rider cancels out any other version you might have had before.

For any question please contact:

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A Piece Of Work is a show based on Shakespeare's Hamlet, run by a network of machines and parameterized by humans. Text, music, sound, lights, video and - to a certain extend - scenery movements are recalled / altered in real time by a python script running probability algorithms relayed by a server. The peripheral machines controlling the aforementioned elements are subscribing to the server and reacting to the 'decisions' made by the script.

The nature of the show requires two full days set-up and adjustments. In special circumstances, we would be able to set it up in one day, but in that case an additional technician will travel with the show.

6 to 7 persons travelling (director, actor, sound, light, set & video, programmer + additional technician in case of short set-up time)

0. Misceallenous

Dressing room for 1 person with toilet, shower and towels
Water, coffee, fruits and vegan snacks for 6 to 7 persons
Wireless internet access

1. Server / Synchronisation

Presenter provides:

1 x flatscreen
1 x VGA cable (2m long)
1 x keyboard + mouse
1 x Network Switch minimum 12 ports

Company provides:

Mac Mini (server programmed in max MSP)
Macbook pro (Python script)
1 x Adapter to VGA

2. Control booth

Presenter provides:

3 TECHNICAL TABLES in the last row of the audience. 2 m/8' wide x standard table height (0.8m/30")
6 x ethernet cables (CAT 5 or 6) 5 m (or 2x2 m, 1x3 m, 2x5 m)
3 separated power supplies for sound, light, video.
Power strips and extension cords.

3. Scenery

Presenter provides:

1 RAISED STAGE with single open trap in center. **Constructed by the presenter** out of stock and/or simple custom platforming. **IMPORTANT: NO PERFORMER WILL EVER STEP ON THAT STAGE. LIGHT CONSTRUCTION IS FINE.**

Alternative solutions (such as manufactured stage elements) have to be discussed between us and the technical director of the venue.

Basic size:

5 m/16' deep x 6 m/18' wide x 1 m/3' high in larger venues. 4 m/14' deep x 5 m/16' wide x 1 m/3' high in smaller venues

Trap size 1 m/3' wide x 2 m/6' deep, located 1 m/3' upstage of the down-stage platform edge and centered left to right.

Platform edge to be faced with lauan plywood or similar material and stained in a dark walnut or cherry color. No skirt or facing necessary on the legging.

No stairs necessary.

Final dimension, type of platforming and system of legging to be determined in consultation with each venue and approved by designer for each venue. Example photos and drawings attached.

2 CEILING FLATS hung above raised stage area

Specifications:

Hung face down at a slight tilt at an approximate height of 5.5m/18'.

Each flat should be 1m/3' deep x 5m/16' wide, hung with a 0.75m/2'6" gap between the two flats up-stage to down-stage.

Faces to be painted/finished matte white. Flats function as projection surface.

In cases where venue rake is steep it may be necessary to hang flats with up to a 30° tilt toward audience.

RIGGING FOR STAGE CURTAIN

Presenter provides:

2 m long black alu tail-down pipe.

Company provides:

1 STAGE CURTAIN, dimension: 1.8m/6' wide x 2.4m/8'.

1 UPSTAGE VIDEO SCREEN

Specifications:

Appropriate front projection surface (white or light grey) approximately 11m/36' wide x 5m/17' tall, depending on particulars of venue. Smaller venues: 9.5m x 4m high in smaller venues. Larger spaces may require screen size up to 12m/40' wide x 6m/20' tall

Masked with black legs on either side and with a border and ground row where necessary.

1 SMOKE MACHINE

1,5 kW, DMX-controlled, Pipe to direct the smoke (see picture attached) or deflector shield to guide the smoke upwards.

FAN

for curtain movement, min. 300 W, on a dimmer channel.

4. Video

Presenter provides:

Two 6,000-10,000 lumen LCD or DLP projectors. Specific projector make/model to be approved by designer. LENSING TO BE DETERMINED by projector placement in each particular venue and subject to designer approval. At least one 0.8 lens short throw lens is required for the floor projector, possibly another one for the ceiling projector.

One 40cm x 30cm glass mirror for video reflection. Necessary when and if the projector used for the ceiling units can not be placed at an angle of approximately 45° on the floor upstage of the raised stage unit. Improvised support structure for mirror will be determined onsite.

Two MECHANICAL DOWSERS (shutters), either DMX or simple switch controlled. Only necessary if projectors do not include internal mechanical dowsers.

CABLE + ADAPTERS for hardwiring remote control units to each projector OR ethernet control of each projector. Exact type and lengths of cable and adapters TBD by specs of projector remote etc.

CABLE/CONVERTERS/ADAPTERS as necessary of cable runs from control position to both video projectors. Output from control can be either VGA or DVI. In cases where cable path is longer than 100' it may be necessary to convert and send signal over Cat5 or Cat6 cable.

ALL POWER STRIPS and EXTENSION CORDS necessary for projectors and video control position.

Company provides:

One MAC COMPUTER w/ ISADORA software for video control + Matrox Triplehead2Go.

5. Sound

One actor. Computerized sounds and processing.

Presenter provides:

Diffusion system:

8 to 10 full range homogeneous speakers + 1 subwoofer (8.1).

The multi diffusion system is placed on the area of the stage (and not around the public), depending on the configuration of the hall. Type reference: L-Acoustics, D&B, Amadeus

The power depends on the hall size (for example, D&B E12, L-Acoustics 115XT, Amadeus PS15 for a small hall)

The good quality system should deliver a homogeneous acoustic pressure on the audience place (line source system preferably).

4 to 6 of the full range speakers will be hanging under the grid (between 0.8 and 1.5 m from the grid depending on the venues) - please plan adjustable steel wires for adjusting their height. 2 of the full range speakers will be placed on 2 black or masked pedestals ~1,20m high. The remaining 2 and the subwoofer will be placed on the floor.

Please make a proposal of alternative brands in the same quality range if the aforementioned are not easily available

Microphone and ear-monitor:

1 Single-Ear Omni Headset Microphones: Type DPA d:fine™ Single-Ear Omni Headset Microphone, 110 mm Boom, with appropriated wireless system.

OR:

1 wireless Headset microphone: Type DPA4066 (color "beige" – caucasian skin color) with appropriated wireless system (alternative: Countryman E-6, with the Sennheiser G3 (ew100) wireless system).

1 wireless ear-monitor with appropriated wireless system: Type AKG IVM4500 In-Ear Monitor System (alternative: Sennheiser IE4 In-Ear headphone with a Sennheiser G3 (ew300) system).

Sound control:

1 digital sound board (16 bits, 44100Hz): First choice Yamaha DM1000 with ADAT card Yamaha M16AT. Second choice Yamaha 01V96-V2 with one of the following output extension cards: Type YAMAHA MY8DA96 + 25-pin D-sub connector to XLR (to connect these outputs to the patch / amps / speakers)

OR

YAMAHA MY4DA Four 20-bit analog outputs on XLR connector

2 ADAT cables

1 large screen with DVI or VGA connection.

1 sound desk lamp

Company provides:

1 Computer

1 Sound-card RME Fireface 400

6. Lights

MINIMUM GRID HEIGHT: 19' / 6 m

presenter provides:

fixtures:

39 Pars 64 (10 CP 61/N, 24 CP 62/MFL, 4 CP 60/VN)

24 ETC Source 4 Profiles Zoom 25°-50°

6 ETC Source 4 Profiles fixed focal 19°

21 Fresnels / PC's 1 Kw with barndoors

gels

Diffusion: Rosco #119, Rosco #114, Rosco #132

Colors: LEE 733, LEE 603 or LEE 708, LEE 003, LEE 500 (ncb), LEE 501 (ncb), LEE 744 (+green), lee 747 (-green)

see filter list attached to adapted light-plot for formats and amount

dimmers and control

max. 90 channels for light fixtures + 3 channels for other DMX-controlled devices + audience light, work-light and backstage channels

no light-board needed, we work with a Lanbox LCX DMX controller.

DMX splitter-booster

DMX connection to the Lanbox (5 pins)

1 large screen (19 inch) with VGA connection

see adapted light-plot for exact list of fixtures

company provides:

Lanbox DMX controller
MIDI controllers
Adapter to VGA for Screen
USB to MIDI cable
USB hub

We will send an adapted lighting plan prior to set-up, we might add or suppress a few channels

7. Schedule:

Day 1: set up stage, light, sound, start light focus

Day 2: finish light focus, soundcheck, video focus, adjustments and rehearsal

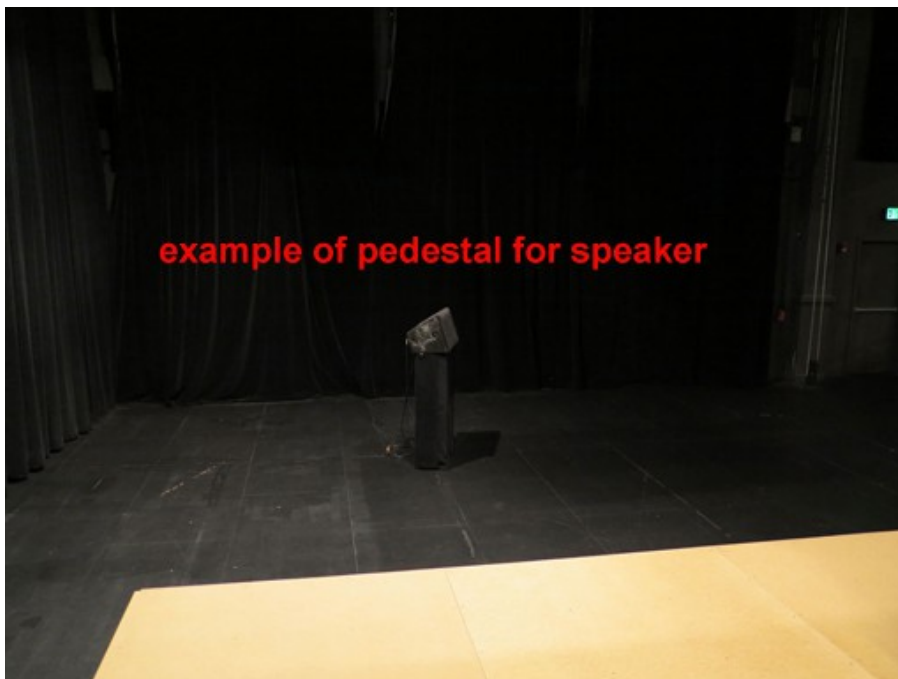
Day 3: adjustments and rehearsal, evening show

8. Photo documentation:









cyclorama

set (upstage)

