

# The Anvil Orchestra Tech. Rider

## Staging:

In a best case scenario, the musicians set up on the stage, angled from the edge of the screen toward the front of the stage. If there isn't room on stage, the musicians can be set up in an aisle at the front corner of the audience, or in an orchestra pit. It's most effective when the group is visible to the audience (though not lighted).

The musicians can set up either stage left or right. They need to see the screen from their instruments. If the musicians cannot see the screen from where they are set up, video monitors are required.

The Synth player (one person sitting at a single synthesizer) needs to be near and visible to the other musicians, either on stage or just off it.



Dimensions of Percussion Rack (without synth):

12 ft. wide

6 ft high

6 ft deep

## The Anvil Orchestra Sound System Specifications

The Anvil Orchestra usually performs with modest size sound systems, typically 10 – 12 inputs. The sound system should be capable of moderately loud volumes with full bass, like the volume of a typical movie screening. This can usually be done with a moderate sized PA system. A single pair of 15 inch main speakers is sufficient for a small room. Several times that size is recommended for larger halls.

Monitors are important! Two, sometimes three, good monitor speakers are required with 1, 2 or 3 sends. Typical 12" floor monitors are ideal.

Volume - The engineer should try to match the volume of the mains to mix with the percussion instruments/drums, and not be overly loud.

**Mains:** Stereo if possible.

**Monitors:** (2 or 3) floor monitors - 12 inches woofers preferred. On 1 – 3 sends.

**(2-4) Direct Boxes:** for Synth and ipod/CD player.

**Microphones:** 7 mics needed.

**Stands:** Booms are best for most mics. A medium sized stand is best for the bass drum. Shorter stands are useful for musical saw and metal pans.

## HOW TO MIC THE ANVIL ORCHESTRA

**Suggested: 8 microphones and 2 or 4 DI's (depending on the show)**

(2) DI's for the stereo synth

(2) DI's for the stereo Cd player/iPod, controlled by musicians from stage

(1) Accordion

(1) Musical Saw

Percussion:

(2) overhead mics spread out along the outside of the rack

(1) Bass Drum

(1) Tom Toms (this 1 mic serves for the three tom-toms)

## LIGHTING

Each music stand will have a small light (which we will bring if not flying). Since we don't want to spill light on the screen, very little extra light should be added. 2 or 3 dim spotlights illuminating the Orchestra can be used to make the musicians more visible to the audience if wanted. Spotlights are not required.

### **If we are flying, the venue will need to supply the following:**

1 snare drum with stand.

1 bass drum (ideally 26")

2 rack mounted toms (ideally 14" and 15")

1 floor tom (ideally 18")

ALL WITH SINGLE PLY DRUM HEADS. NO POWER STROKE HEADS!!!! NO MUFFLES!!!! Thanks!

6 cymbal stands, at least 3 being heavy duty that raise at least 180cm/71inches high.

1 drum stool

1 keyboard stand

3 music stands with stand lights, the heavy-duty types, as our scores are pretty heavy for a two and a half our film.

4 Direct Boxes.

If we are performing in Europe, the venue needs to supply a transformer for our U.S. Keyboard and possibly a media player.