

### **P. A.**

#### 1.1. F. O. H.

It shall be a professional system, stereo and phase checked, able to produce high volume if necessary, according to the venue's size.

It shall be necessary 106 dB evenly distributed throughout the venue.

Ex: Meyer Sound; E.V. (Array or Deltamax Series); TurboSound (Flash or Floodlight); Nexo (Alpha, Geo); Community (RS Series Sub)

#### 1.2. Mixing Board

We will require 1\*32ch F.O.H. desk with 8 sub-groups, 4 band eq. sweep able, 12 aux. buses, insert points on each channel, sub-group and main mix.

Ex: Midas (XL2, 200, 3, 4, Heritage), SoundCraft (Series 4, 5, Europe), Yamaha (PM 3000, 3500, 4000, PM5D, MCL7), Digico.

#### 1.3. Drive System

1\*Spectrum Analyzer BSS FDS 926

For equal sound distribution in the venue the speakers should be flown. We will need front fills as well. For each zone on the PA:

1\*Graphic Equalizer KlarkTeknik DN27, DN360, BSS 960 or XTA

1\*Digital Delay for time alignment: BSS or XTA.

Amplification able to drive the system with large headroom before saturation.

Ex: Crest Audio, Crown, QSC, Carver, etc.

#### 1.4. Out. Board

A minimum of 2 effects processor:

Ex: TC. Electronics M2000, 3000 or 5000.

2 Compressor BSS DPR 402 or equivalent (De-esser must be available).

1 CD player

1 DAT recorder.

#### 1.5. Intercom F.O.H / Stage Entrance

#### 1.6. Talkback Microphone

### **2. Stage.**

#### 2.1. Wedges

9 Wedges (1\*12"+1\*1" – Nexo, etc.)

#### 2.2. Outboard

5 \* 2 Ch. Graphic Equalizer (BSS, Xta or KlarkTeknik)

#### 2.3. Monitor Mixes (from the FOH).

Aux. 1	Mandolin	1 Wedge
Aux. 2	Guitar synth	1 Wedge
Aux. 3	Drums and percussion	1 Wedge

2.4. Power Requirements

2\*220V on stage close to the Stage Box, 1\*220V on F.O.H.

2.5. Record / broadcast

Any kind of recording/broadcasting of this show must be previously authorized by our management. Only the FOH engineer shall provide the signal feed for this recording.

3. Other Requirements

2 risers (2m x 1 m x 0.5m)

1 chair whiteout arms

The stage must have 7m front and 5m deep minimum

4. This technical rider concerning the sound quality for the artist's performance must be totally fulfilled so that the purchaser and audience alike will receive the best possible sound.

It's agreed that the artist's production manager shall have absolute authority in controlling both sound equipment and local crew during sound-check and performance.

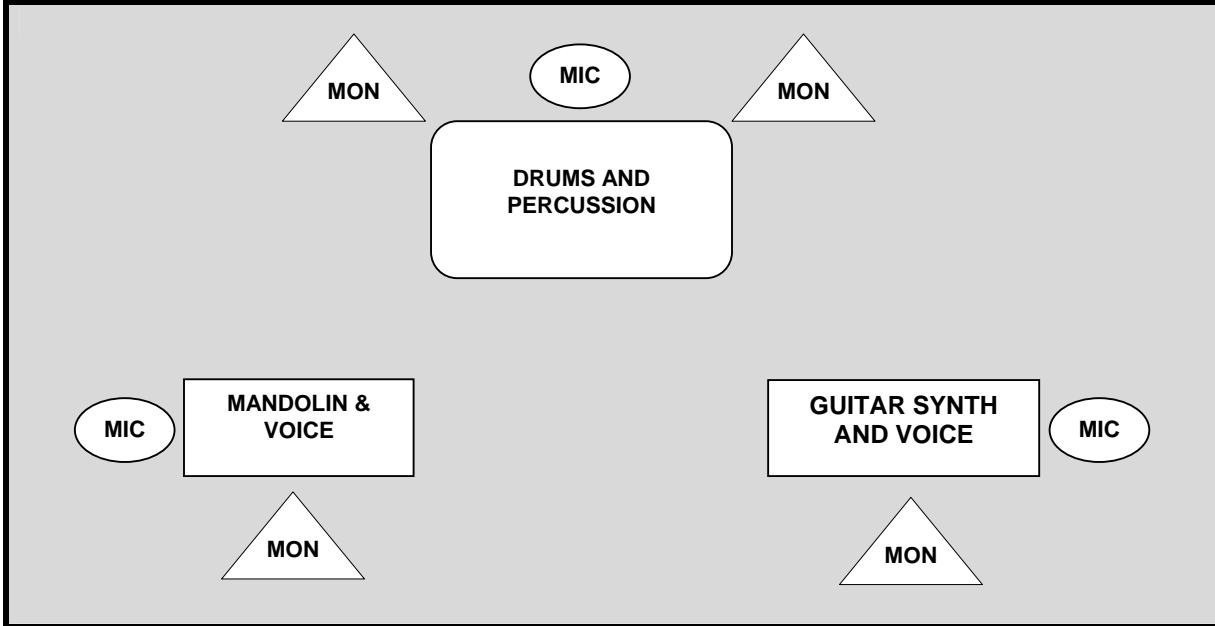
The equipment shall be in place and fully operational prior to the band's back-line load in time. Qualified technicians shall be present during rehearsal and performance to solve any problems that may occur with the sound systems.

Ch	instrument	Mic	D.I.	Insert	Mon.	Observações
1	mandolin		D.I.			
2	guitar		D.I.			
3	synth L		D.I.			
4	synth R		D.I.			
5	OH	Sm81				
6	OH	Sm81				
7	tom 1	Sm98				
8	tom 2	Sm98				
9	tom 3	Sm98				
10	snare 1	Sm 57				
11	snare 2	Sm 57				
12	percussion	Sm81				
13	voice 1	Sm 58				
14	voice 2	Sm 58				
15	voice 3	Sm 58				
16	M2000					aux send 9
17	M3000					aux send 10

# EDU MIRANDA TRIO

TECHNICAL RIDER 2009

BACK



FRONT