

# MAX DOPPLER

## BAND LINE-UP

JIHEM	: LEAD VOCALS
LUC	: GUITAR MACHINES
PHIL	: BASS GUITAR
CHRIS	: DRUMS
PABLO	: V-JAYING
PIERRE	: FOH SOUND ENGINEER

## **STAGE GEAR TECHNICAL DATA**

### **BATTERIE :**

1 Kick drum 22 "  
1 Snare drum 14 \* 6.5  
1 Hi Hat  
3 toms : 12",13" et 16"  
4 cymbals

### **BASS :**

1 MARSHALL 400 W + 1 Baffle 15 »                      Power Cons. : 350 VA

### **GUITAR :**

1 MESA Dual Rect 100W + 1 stéréo cab 4 \* 12"      Power Cons. :1600 VA

### **MACHINES :**

( Stéréo )

1 Titanium G4  
2 MOTU 828 Interfaces                                      Power Cons. :250 VA

Total :2200 VA

Rounded off estimation : 2,5 kVa

## **PUBLIC ADDRESS SYSTEM TECHNICAL ADAT**

### **MICROPHONES and D.I. BOXES**

3 VOCAL mikes : 3 SHURE Bêta 58

8 Active D.I. Boxes :

- 2 Synths
- 2 Loops
- 2 Ambience
- 1 Bass Seq.
- 1 Bass Guitar

2 GUITAR mikes : 2 SHURE Bêta 57

8 DRUMKIT mikes :

- |                |                                |
|----------------|--------------------------------|
| - 1 KICK DRUM  | 1 AKG D112 ou EV RE20          |
| - 1 SNARE DRUM | 1 SHURE Bêta 57                |
| - 1 HI HAT     | 1 AKG C 451                    |
| CYMBALS        | 2 AKG C 451 (Over-Head set up) |
| - 3 TOMS       | 3 SHURE SM 57 ou               |
|                | SENNHEISER MD 421              |

## **FRONT OF HOUSE SYSTEM**

### FRONT DESK :

(.i.e. : YAMAHA DM 2000)

24 Inputs minimum with independantly switchable 48 V Phantom  
power supply  
8 subs-groups  
2 main outs  
4 aux sends  
Multipair sanke cables

### OUTBOARD GEAR :

3 DBX 160 Compressors ( vocals processing )  
3 Limiters/compressors ( Bass , kick drum and snare drum )  
2 digital audio processors ( type YAMAHA SPX 990 )  
or ROLAND SDE 330 )

### FRONT OF HOUSE AMPLIFICATION :

The output power (in kW) of the front of house amplification system shall be computed (with a minimum of 4 kW) using the following rule :

$$\text{Power} = \frac{\text{Nbr. of persons in the audience}}{200}$$

## **MONITOR SYSTEM**

### MONITOR DESK :

24 Inputs  
4 indépendant output groups  
Splitter 24 channels 1 towards 2  
4 1/3 octave graphic equalizers  
1 digital delay ( i.e. YAMAHA SPX 990 )

### MONITOR AMPLIFICATION :

4 wedge monitors	200 W
2 Drum fills	400 W
2 Side monitors	1 kW
+ matching amplification and wiring	

## **FICHE TECHNIQUE SYSTEME D'ECLAIRAGE**

1 PURSUIT PROJECTOR ( Type HMI 1200 W )

2 SETS of 8 \* 1 kW PROJECTORS ( type PAR 64 )

on toothed rack hangers ( Approx. 3 m high )

1 POWER MODULATOR 2 \* 12 kW

1 12 CIRCUITS LIGHTS DESK

Control snake cables

Power distribution cables

Color masks for projectors

Estimated electrical power drain :

40 A per phase under 400V 50Hz ( 3 Phases + N + GND.)

## **ELECTRICAL POWER SUPPLY TECHNICAL DATA**

- \*\*\*\*\* THE STAGE LIGHTING SYSTEM IS POWERED BY A THREE PHASES 400V / 50 Hz POWER SUPPLY WITH SEPARATED NEUTRAL AND GROUND CONDUCTORS AND DRAINS APPROXIMATELY 40 AMPERES PER PHASE.**
- \*\*\*\*\* THE STAGE GEAR IS POWERED BY A SINGLE PHASE 230 VOLTS 50 Hz POWER SUPPLY WITH SEPARATED GROUND CONDUCTOR AND DRAINS APPROXIMATELY 12 AMPERES.**
- \*\*\*\*\* THE FRONT OF HOUSE AND MONIROR SOUND SYSTEMS ARE POWERED BY A SINGLE PHASE 230 VOLTS 50 Hz POWER SUPPLY WITH SEPARATED GROUND CONDUCTOR.**

**THEIR POWER DRAIN VARIES ACCORDING TO THE TYPE AND OUTPUT POWER OF THE CONSTITUING GEAR.**

**THE ABOVE MENTIONED ELECTRICAL CHARACTERISTICS MUST BE DEFINED WITH THE TECHNICAL MANAGER OF THE VENUE AND THE TECHNICAL MANAGER OF THE PERFORMING BAND.**