

## PA Specification

The system is essentially a Martin Audio W8LM line array system with Martin Audio W218X sub bass speakers driven in stereo with a power rating of approximately 8KW. The line array system is driven in bi-amp mode, the system therefore being tri-amplified throughout. In addition to this, EAW JF80 speakers are positioned around the balcony and alcove areas to achieve even coverage throughout the room, for conferences.

Six stage monitors driven as four separate mixes are controlled along with the PA system by a 32 channel Yamaha LS9 digital control desk which incorporates graphic equalisers, gates, compressors and effects units. A microphone pack with stands and DI boxes is supplied as detailed below together with CD and Mini Disc playback facilities.

Four Shure radio microphone systems now operate on the newly available CH38 radio band and can be used with MSK835 hand held, tie clip or discrete headset microphones are available. It should be noted that only four radio microphones can be used at any one time.

In addition to the basic system, available for hire is DJ equipment in the form of Technic SL1210 record decks, Pioneer CDJ1000 Mk3 CD decks and a Pioneer DJM600 DJ mixer.

PA equipment schedule	
6 x	Martin Audio W8LM line array speakers
2 x	Martin Audio W8LMD down fill array speakers
2 x	Martin Audio W218X sub bass speakers
1 x	Amplifier rack to drive the above
2 x	XTA DP224 digital x-overs
3 x	EAW JF80 delay speakers
1 x	BSS TCS804 digital delay
2 x	QSC PLX 2402 delay amplifiers
Monitor system	
6 x	Martin Audio LE400 monitor speakers driven on 4 mixes
2 x	Martin Audio W8LMD down fill array speakers
Control system	
1 x	Multicore system
1 x	Yamaha LS9 32 Channel digital control desk
1 x	CD Player
Dj equipment	
2 x	Technic SL1210 turntables
2 x	Pioneer CDJ1000 Mk3 CD decks
1 x	Pioneer DJM600 DJ mixer

Microphones, stands and DI boxes	
1 x	AKG D112 microphone
5 x	Shure SM57 microphones
5 x	Shure SM58 microphones
3 x	Sennheiser E604 microphones
3 x	AKG SE00B condenser microphones
5 x	LA audio active DI boxes
10 x	Standard boom microphone stands
6 x	Short boom microphone stands
4 x	Table microphone stands
Communications	
1 x	Tecpro communications power supply unit
2 x	Tecpro single muff headsets
2 x	Tecpro belt packs
Radio system	
4 x	Sennheiser G3 300 series radio microphone systems
4 x	SKM835 hand held radio microphones
4 x	Lapel microphones with belt packs
4 x	Proel discrete headset microphones