

CONQUEST THEATRE

MAIN THEATRE SOUND

There are two independent sets of sound equipment in the main theatre: for stage performances and 5.1 surround sound for the projection of films and streaming.

The stage system consists of a loudspeaker each side of the front of the auditorium and a loudspeaker each side of the stage behind the proscenium at lighting bar level and aiming across the stage. They are all fed from a 16 channel mixer in the control room.

The 5.1 surround sound system is permanently connected to the projection system no other access is available.

There is an induction loop around the auditorium for use with hearing aids. The output is also fed to a dressing room stage relay. It is possible to turn off the loop while keeping the stage relay on should the need arise to prevent feedback from the loop (often with electric guitars).

The following is a list of equipment used for stage performances.

Amplifiers In addition to those required to drive the fixed loudspeakers are two spare amplifiers

1. InterM L800 (2 x 200W into 8 ohms)
2. Marshal 6010 (1 x 100W into 4 ohms)

These have no loudspeakers or inputs connected.

Mixer	Mackie 1604 16 channel
CD / MP3 CD / MP3 USB memory player	Teac CD-P650
CD player/recorder	Philips CDR770/00
Minidisc player	Sony MDS-JE510
Effects unit	Zoom RFX-2000
4 Microphones	Sure BG 2.1
4 Headset radio microphones	Sure
4 Handheld radio microphones	Kam KWM Quartet Wireless microphone system
5 Microphone stands with booms	
1 Short microphone stand for drums etc.	
Patch panels	24 balanced circuits between stage and control room.
4 balanced XLR circuits	2 each side of stage behind proscenium to control room.
Video with 5.1 surround sound	BlueRay players for films.
PC link from stage to control room	VGA link to allow laptop on stage to use video projector.
Film screen	5 x 4 metre motorised.
Wired comms	4 headsets with belt packs. Master station with dressing room stage relay and announcement.
Wireless comms	4 headsets linked to wired comms and each other.