

WEST AUDIO & DESIGN LTD

bespoke audio visual solutions for houses of worship and public spaces

CASE STUDY

Crieff Hydro Hotel, Crieff, Perthshire. 2006-2011.



As Scotland's oldest, family-run trading company, Crieff Hydro Hotel is one of the country's most popular family-focussed hotels.

Its public areas are always busy – holidaymakers checking in & out, conference delegates chatting, wedding parties, bus parties, kids, you get the picture...

The original brief was to design a system which would have a "flexible" number of input sources, with the ability to output these to any or all of the public areas (of which there are 6 zones), in a variety of configurations (100V line - for speech & background music and Low Z for live music, radio mics / CD for fitness instructors, wedding bands etc.).

TOA's D-901's 12x8 modular matrix mixer design fitted the bill exactly. The D-901 supports up to twelve mic/line inputs and eight line outputs with flexible RS-232 or contact-closure remote control. Audio processing tools include auto-mixing, feedback suppression, multi-band parametric filters, compressors, limiters, noise gates, crossovers, delays and more. Full input-to-output matrixing allows users to store and recall any input to output combination for multi-zone or room-combining applications.

Configured inputs include:

- Reception desk microphone (priority ducking of all other active inputs)
- Porter's desk microphone
- Pioneer 6-disc, CD player
- Twin DJ CD decks (for kids parties etc.)
- Line inputs from stage area x 3 (Live band patch, DJ and Fitness Trainer radio mic)
- 5 spare (to date!)

Configured output zones include:

- Zone 1 – 6 reception/foyer area, Ballroom, Winter Gardens, Loggia Room - via TOA FC2322C HQ loudspeakers and TOA P1812 Amplifiers.
- Zone 7 – Low Z outputs (x2), Ballroom – on Neutrik NL4 + Peavey 500Watt amp.
- Zone 8 – Low Z outputs (x2), Loggia Room - on Neutrik NL4 + Peavey 500Watt amp.

The system continues to grow...