

CASE STUDY

Newquay Airport: Fire Station Public Address System

The Challenge

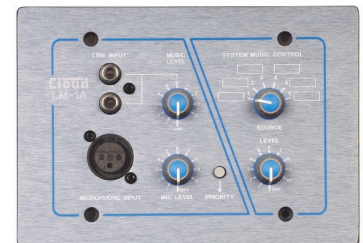
To provide a Public Address system throughout the Temporary Fire Station and the New Fire Station at Newquay Airport which would enable the airport to comply with aviation laws requiring air traffic communications to be audible throughout the working fire station at all times.

The Solution

The installation brief was to provide two separate stand alone Public Address systems for each Fire Station. After liaising with the Fire Chief, Newquay Airport Management and the building contractors, Voicepath put forward a proposal to provide one system which would be designed for the New Fire Station but would be temporarily installed in the Temporary Fire Station all while maintaining the integrity of both systems and complying with aviation rules.

A 100v line system was installed in the Temporary Fire Station which would be de-commissioned and used in the New Fire Station keeping cost to a minimum. Extra care was taken at the design stage and provisions were made for loan equipment during the transition period when both Fire Stations would be operational.

Cloud Z8 MK II 8 zone mono mixer was chosen because it had features critical to the requirements of the fire station, such as high headroom for system efficiency, power conservation to prolong the life span of the equipment, balancing and equalizing ability to optimize vocal clarity removing static noise and low frequency rumble.



The Result:

Working in a high-risk environment such as an airport, a major part of Voicepath's preparation was to ensure that all insurances, health and safety policies and documentation were in place. Voicepath drew on its experience of working in all areas of a number of airports and airlines around the UK.

By adopting Voicepath's proposal for one system that could be used in both fire stations, Newquay Airport made cost savings, but more importantly it allowed the Fire Station to increase the quality of the components giving them a high performance Public Address system that offers outstanding sound quality and reduced energy consumption.



CLIENT:

Newquay Cornwall Airport



SECTOR:

- Aviation

REQUIREMENT:

- High Specification Public Address System

