



## RG725

### Helping London Moving With Tait Communication

Times of pandemic are difficult on everyone, with social distancing becoming a mandatory part of day to day life.

One of the jobs made more problematic with this is working in the public transport sector.

To keep distancing active, a major public transport supplier needed to increase the number of vehicles used on their London school bus routes. Bringing in buses from all over the UK, communication between the transport radio network and the drivers was especially important.

#### Tait Communications leads

Tait Communications has worked closely with the transport provider, modifying their own Push to Talk (PTT) radio service to make it suitable for the drivers use.

The connection to the control centre and London Network Management's control centre was necessary, and PTT over network seemed ideal.

The project had a short timescale, with only 4 weeks from initial communication until the project had to go ahead.

#### RugGear RG725

Just under 100 communication devices were needed to launch the project.

The main requirement was that they had to be compatible with the TaitComms PTT application, that would let the phones connect to the existing platform in use, Unified Critical Communications.

RugGear was then contacted to provide suitable handsets.

The device selected was the RG725. The dedicated PTT switch for easy network communication, in combination with the PTT dedicated button, it was the perfect candidate.

The included dialler that allows the user to switch frequencies was a key feature. It provided drivers with quick and easy communications between their own control centre and the transport system.

Another key feature that made the RG725 perfect for the task was its powerful 5000 mAh battery. It can also be quickly removed and replaced to ensure constant contact between the workers for long periods of time, with an average talk time of 18hours (5/5/90 duty cycle).

The 13-pin port of the devices was another added bonus. It allowed stable connection to PTT headsets and RSM, to guarantee hands free communication to the working drivers.

These features and more, including its IP68 and MIL-STD810G certified structure that gives the ability to easily clean and disinfect the device, meant that the drivers and their teams could communicate quickly, and more importantly safely distanced; to minimize service disruption during a situation where time and staff health and safety are of increasing importance.