



Technical Assessment Form

Technology support area : Inter Communication

Equipment make/model : DLT 300 Wireless Intercom Transceiver



Description of the device

The DLT 300 Wireless Intercom Transceiver features full-duplex capability, supporting up to four simultaneous talkers in two-way mode (as functions of walkie-talkie), and up to six simultaneous talkers in intercom mode. Slim, lightweight, and simple to set up and use. One- or two-way operation offers flexibility in an array of applications. With the push of a button, users can access two-way communication for immediate interaction or Q&A.

1. How much time is required for installation (per unit)?

- About 30 minutes for a trained technician

2. How much training is required to allow AV technicians to provide front-line support to users, e.g. basic functionality, fault-finding, integration issues?

- Basic training of device setup

3. Please provide details, if available, of call-out statistics for the trial period:

- N/A

4. a) Did installation require any modifications to existing technology and/or room configuration?

- No

b) If yes please provide details of the major issues:



- N/A

5. Other comments

- General impressions
 - Easy to use
 - Lightweight and small
- Recommendations for future roll-out
 - It's not recommended for future roll-out because the device has slow response on switching channels. Insufficient lights on LCD display makes it harder to make adjustments in a dark place. Moreover, the innovation development of Mobile APPs (i.e. Whatsapp, Wechat, Walkie-talkie APP, etc.) has yet replaced the usage of such kind of device in a long run.



Technical Assessment

Function	Rating (1 – 5)	Additional Comments	Flag
Screen display	2	Poor backlight, hard to use in dark place	
Communication	2	Short communication distance among devices with possible Wi-Fi signal interface to the existing network environment	
User-friendliness	4	Easy to use and good sound	

	Item / Details	Cost (HK dollar)
Initial Equipment Requirements	DLT 300: 1 pair (\$4,000/ device)	~\$8,000

Conclusion

DLT 300 is a patented, digital spread-spectrum (DSS), simultaneous two-way wireless listening system operating in the 2.4 GHz band. Slim, lightweight, and simple to set up and use. However, with weak backlight on display, operator may find it difficult to operate and control the device with Wi-Fi signal. Moreover, there are many well-developed mobile APPs in the market with Intercom functions.