



KY-57 Buffer for DVOW of 2 HCLOS Radios

TELEGRID's KY-57 Buffer Model KYB-702 synchronizes the interface between a KY-57 VINSON voice encryption device and the Digital Voice Orderwire (DVOW) ports of two transmission equipments such as AN/GRC-245 High Capacity LOS (HCLOS) radios. The Buffer compensates for any frequency mismatch between the KY-57 operating with its own internal clock and the radios operating from station clock. The Buffer initiates upon activation of the push-to-talk (PTT) by the operator. It supports more than eight (8) minutes of speech when the KY-57 and the station clock operate within frequency specifications.

*Fielded by the
US Army in the
Brigade Subscriber Node
(BSN)*



FEATURES

- Selection of RADIO 1 or RADIO 2 from a front panel selector switch.
- Buffer size allows storage of more than 8 minutes of speech for timing differences of up to 30 ppm.
- BUFFER ALARM red LED on front panel indicates Buffer Full or Buffer Empty condition. Release of PTT resets buffer.
- POWER switch with built-in green LED indicator.
- Available in +5VDC, +28VDC or 110 VAC power options.
- Small footprint of 1/3U rack-mount space. Mounting tray is provided which allows quick removal and replacement.

KY-57 Dual Buffer Model KYB-702

SPECIFICATIONS

Rate: 16Kbps

KY-57 Connector: DB-9 (F)

Radio Connectors: DB-15 (M)

DC Power Connector: Hirose Model RM12BRD-2PH

Operating Temperature: 0 to 40°C (optional industrial temperature range of -40°C to +85°C available).

Relative Humidity: 0 to 90% non-con.

Power options: +5 VDC, +28 VDC,
85-264 VAC @ 47-63 Hz

Size: H 1.70", W 5.65", L 12.50"

Weight: 3 lbs. (incl. tray and AC power cord)



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