
IST-2 Line Expansion (ILE)

General Information

The IST-2 Line Expansion (ILE) is a line button expansion unit for the Integrated Services Telephone 2 (IST-2). The ILE provides an additional 50 line keys to an IST-2. A maximum of three ILE units can be added to an IST-2 instrument, yielding a total of 200 line buttons on an IST-2. Line key inserts are provided for labeling each key. Refer to TM 03-006-UG, Integrated Telephone Version 2 Users Guide, for line key operation instructions. The IST-2/ILE combination is designed for use with all of Raytheon's Red Switch digital switching systems.

The ILE connects to an IST-2 via an electrically isolated RS-232 serial link. Because of the electrical isolation of the serial link, there is no longer a necessity for an external isolator to maintain RED/BLACK separation between the IST and the expansion panel. The ILE can be powered from a black power source and requires an AC to DC power adapter, which is supplied with the unit.



Features

- 50 line button expansion per unit.
- Up to 3 units (200 line buttons) off an IST-2.
- Wall or Desk mountable with IST-2 or other ILEs.
- Electrically isolated serial interface eliminates the need for an external isolator in RED IST-2 phone applications.
- External supply and all cables required to connect to an IST-2 or to another ILE are supplied with unit.
- External supply AC input, 100-240VAC, 50/60Hz.

Specifications

- Power:
 - External power supply provided with unit.
 - 100-240VAC, 50/60Hz 0.6A Max.
 - Power to ILE (Max.): 8 Watts
 - 27.32 Btu/h
- Dimensions: 7.5"W x 9.2"L x 4"H
- Weight
 - without AC adapter): 2.2 lbs
 - with AC adapter: 2.8 lbs.
- Reliability: Greater than 40,000 hours@25 deg C.

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