



Applications

- Police, Fire, Ambulance
- Utilities, Taxis, Airlines
- Forestry, Parks, Recreation
- Industries, Municipalities, Construction
- Security and Public Safety

Features

- **Tone Remote Deskset with up to 4 Line Control**
- **16 - Frequency / Function Control**
- **Programmable Quick Pages, Aliases, and Group Paging**
- **2-Line Adjustable LCD Display**
- **Multiple Parallel Deskset Support**
- **Programmable Voice Delay**
- **Full Duplex Capability 2 or 4-Wire**
- **Parallel Transmit Audio**
- **Line Receive and Transmit Compression**
- **Adjustable Receive Input Sensitivity and Transmit Output Level**
- **Monitor and Intercom**
- **PC Programmable**
- **External Connection for Accessory Microphone**

The **IPE2500A-MLS Multi-Line Select Deskset** provides "Mini-Console" tone control of up to 4 different radio systems in addition to having all the features of the standard IPE2500A Tone Remote Deskset. Used in conjunction with the GAI-Tronics tone remote adapter (ITA2000A), the Multi-Line Select Deskset allows for simultaneous transmissions on any combination of 2 to 4 lines. Now a dispatcher can communicate over 4 separate radio systems using a single GAI-Tronics deskset, making it no longer necessary to have a dedicated deskset for each radio. The Multi-Line Select feature also provides a cost-effective solution to expensive console systems that offer more features and functionality than some customers desire.

Each line operates in 2 or 4-wire mode independently of the other lines. Like the IPE2500A, the Multi-Line Select Deskset provides 16-frequency control per line, 2-line adjustable display, alias naming of functions, intercom, programmable voice delay, and multiple deskset support. Muted unselect audio, all mute, and separate select and unselect volume adjustments allow the user to control audio on the various lines. Virtually every aspect of the IPE2500A-MLS can be programmed using GAI-Tronics® CARD Suite Programming Software.

Additionally, an optional External Speaker Kit, Model XAC0120A, permits splitting the Select and Unselect audio between separate dedicated speakers.

Note: Features included in the single line IPE2500A that are not available in the multi-line IPE2500A-MLS are parallel status updating and DTMF decode.

Advanced Multi-Line Select Deskset

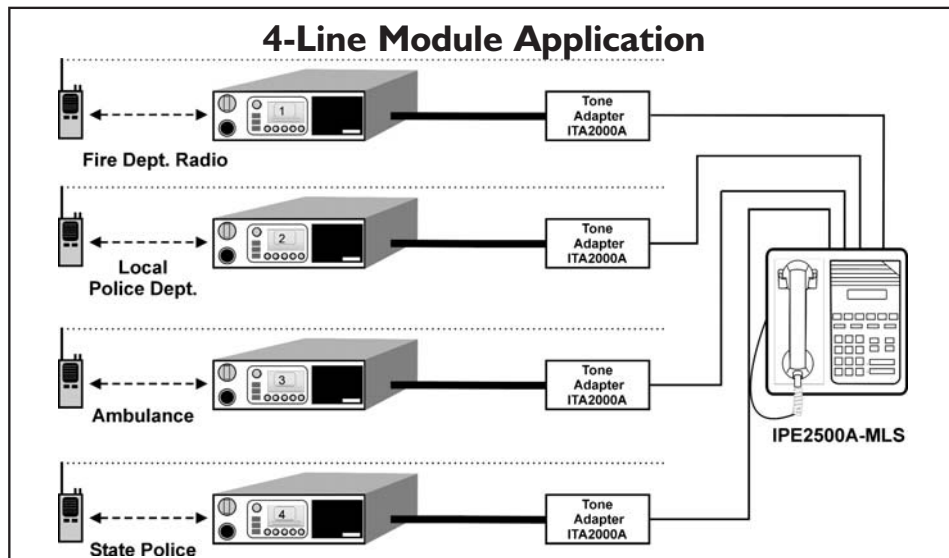
IPE2500A-MLS

Specifications

Physical Dimensions 7.6 W x 8.9 L x 4.7 H inches
 Color Black
 Weight 2.4 lbs. minimum
 Temperature 0° to +70°C
 Humidity 95% at 50°C non-condensing
 Power Input 10.5-16 V dc 400 mA maximum
 Frequency Response +3 dB from 300-3000 Hz
 (except notch filter)
 Hum and Noise Less than -45 dB below rated outputs
 Audio Output to Speakers 1 watt minimum with level in
 compression range
 Audio Distortion Less than 3% THD
 Maximum Number of Remotes Per System Limitations
 Microphone Connections 8-pin modular

Control Functions (Tones Standard as Shipped):
 Guard Tone 2175 Hz, programmable
 FI-F16 Each can be programmed from 550-2050 Hz
 in 100 Hz increments
 Monitor 2050 Hz, programmable 550-2050 Hz
 in 100 Hz increments
 Safety Class III SELV-powered
 equipment. Powered by UL-listed (E104603) and
 CSA certified (LR67888) ac adapter
 Emissions USA: FCC Part 15, Sub. B-Verification
 Canada: ICES-003
 Line Interface USA: FCC Part 68 Exempt (Category II
 Tariff #260 service for private/leased line applications) Canada:
 Designed to meet IC CS03-8

System Diagram



Accessories & Options

- | | | | |
|-----------|---------------------------------|--------------------------------|---------------------------------------|
| ITA2000A | Tone Remote Adapter | XAAB002A | Audio Accessory Box |
| XAC4000A | Programming Bundle | XDM002A | Desk Microphone |
| XAC0004A | Programming Cable | XFS002A | Dual PTT & Monitor Footswitch |
| 40419-008 | Replacement AC Wall Transformer | XDM005A | Desktop Gooseneck Microphone |
| XAC0120A | External Speaker Kit (unselect) | XHS003C / XCC004B / 25815-003: | Headset, Adapter Cable, and line cord |

Note: Models XHS003C, XFS002A, and XDM005A Require XAAB002A Audio Accessory Box.

Call Customer Service (1-800-492-1212) For Application Assistance and Pricing. Specifications Subject To Change Without Notice.



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