GAI-TRONICS®
A Hubbell Company

Advanced Multi-Line Select Deskset

IPE2500A-MLS



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**

Applications

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

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

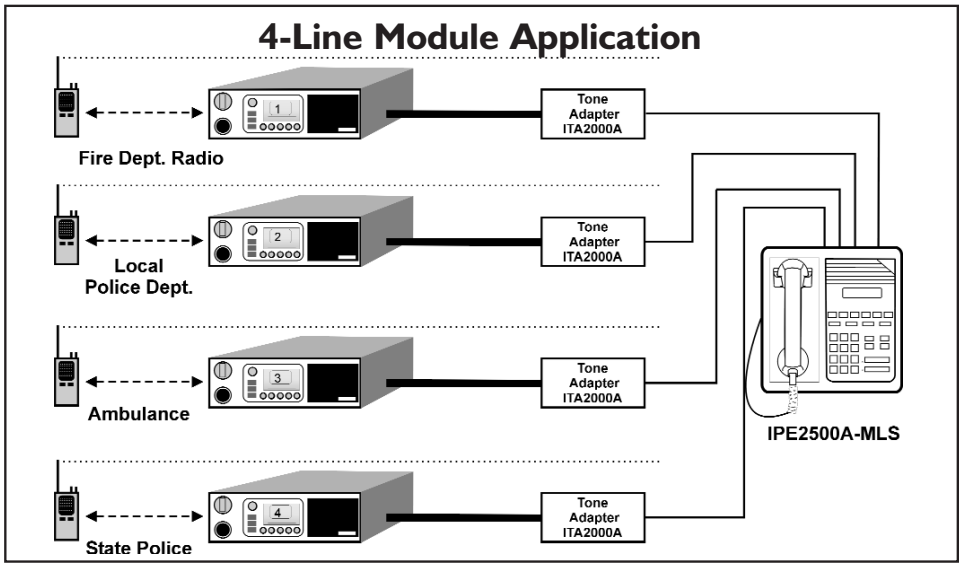
Specifications

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
F1-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
XAC1000A	CARD Suite Programming Software
XAC0004A	Programming Cable
3308-00750-00	Replacement AC Wall Transformer
XAC0120A	External Speaker Kit (unselect)
XAAB002A	Audio Accessory Box
XDM002A	Desk Microphone
XFS002A	Dual PTT & Monitor Footswitch
XDM005A	Desktop Gooseneck Microphone

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.

GAI-Tronics® - USA Toll Free: 1 (800) 492-1212 Tel: (610) 777-1374 Fax: (610) 796-5954 www.gai-tronics.com

Quality Management System Certified by DNV - ISO 9001:2008
The policy of GAI-Tronics® is one of continuous improvement, therefore the company reserves the right to change specifications without notice

Pub. 000901 rev. 12-2009