DC Remote Adapter

IDA1000A

GAI-TRONICS®
A Hubbell Company

Features

- **2-Frequency Control**
- **Monitor**
- **Multiple Parallel DC Deskset Support**
- **2-Wire Operation**
- **Adjustable Receive Input Sensitivity**
- **Selectable Input/Output Logic**
- **Accessory Port**
- **Modular Rear-access Phone-Line Connection**

Applications

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

The **IDA1000A DC Remote Adapter** is a powerful dispatch product that adapts DC remote control to most radio systems. It is full of features that exploit maximum functionality from DC control. Adjustable input and output functions, such as transmit output level and selectable input/output logic control, give the user flexibility in unique radio setups and operating environments. IDA1000A controls one- or two-channel radios.

Easy connections and support of multiple desksets make the IDA1000A the adapter of choice for simple to complex deskset arrangements. With a local accessory connector, this is the most productive DC remote adapter of its kind.

Specifications

Color	Black
Size	7.02"W x 5.3"L x 1.35"H
Weight	4 lbs. min.
Temperature Range	-30°C to +70°C
Humidity	95% at 50°C (non-condensing)
Power Input	10.5 V dc - 16 V dc; 300mA maximum
Frequency Response	±3 dB at 300 Hz to 3000 Hz from 1 kHz ref.
Hum and Noise	Less than -45 dB below rated output
Audio Distortion	Less than 3% THD
TX Input	32m V ac - 800m V ac into 560 ohm (nominal 80 m V ac)
RX Input	32m V ac - 4.5 V ac (nominal 300m V ac)
Line Input	-25 - 0dBm ALC to reference (nominal -10dBm)
Line Output	-15 to +10dBm adjustable into 560 ohms (nominal -10dBm)
Max. Number of Desksets Supported	Per system limitations (maximum of 10 recommended)
Control Functions	
F1 Tx	5.5 mA
F2 Tx	12.5 mA
Monitor	-2.5 mA

Accessories & Options

40419-008 AC Wall Transformer (Optional)
XLD0001A Junction Box

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

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

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