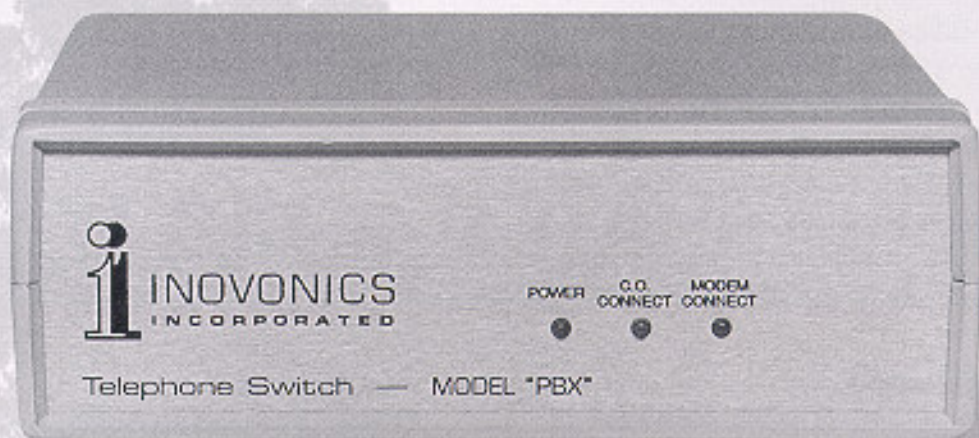


# Telephone Switch and "Line Eliminator"



Inovonics presents a cost-saving solution to the requirement for multiple telephone lines needed for modems, alarms and other dial-up devices installed at remote equipment sites. Our PBX allows as many as seven devices to share a single central-office line, both for outgoing and for incoming calls.

The PBX finds immediate application in the expanding list of situations involving remote equipment installations:

- Broadcast Transmitters/Translators
- Cellular/2-Way Radio Facilities
- Microwave Relays
- Geophysical Monitors
- Pumping Stations

## ...the PBX – by Inovonics





## PBX Features and Specifications

- ▶ **One PBX Can Serve** up to seven "extensions." All standard dial-up telephone equipment is supported; modems, telephones, fax machines, alarm boxes, etc. Two or more PBX units may be daisy-chained to accommodate additional devices if needed.
- ▶ **Central-Office Dial Tone** is routed to the first extension going off-hook; other devices are denied access until the outgoing call is ended. However, extension #7 is designated a "Priority Channel" and gains immediate access to the line.
- ▶ **Incoming Calls** are selectively routed to the proper extension with DTMF touch-tone commands. A security access code followed by the extension number rings-up the desired device.
- ▶ **Fast, Simple Installation** – RJ11 jacks provide quick and easy connection to the central-office line and extension equipment.
- ▶ **AC Mains Power Supply** is provided, or the PBX may draw power from an AC Uninterruptable Power Supply (UPS) or battery backup.

### — CENTRAL OFFICE COMPATIBILITY

Interfaces with any standard 48-Volt, 40mA central-office subscriber loop programmed for touch-tone service. Line connection via RJ11 jack includes transient overvoltage and polarity protection.

### — SUBSCRIBER SET COMPATIBILITY

The PBX accepts any data modem, telephone set, fax machine, alarm equipment, etc. intended for direct connection to a central office telephone line. Connection is via RJ11 jacks, and an LED adjacent to each jack lights when the extension goes off-hook. The PBX generates 90V, 20Hz ringing voltage internally to complete incoming calls to selected extension devices.

### — PANEL INDICATORS

**POWER** – shows that the applied AC or DC input voltage source is within limits.

**C.O. CONNECT** – indicates that the central office line has been seized by the PBX, either for an outgoing or an incoming call.

**MODEM CONNECT** – lights when an originating modem (outgoing call) or selected modem (incoming call) goes off-hook.

### — POWER REQUIREMENT

12VAC at 500mA. An external "wall-mounted" power transformer is supplied for normal 115V/60Hz AC mains operation. The PBX also may be powered, without modification, directly from a 12V to 15V DC source.

### — SIZE AND SHIPPING WEIGHT

2"H x 6"W x 8"D; 4 lbs.



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