

MJB

Outdoor Maintenance Jack Box

Rugged Outdoor Conferencing Position

APPLICATIONS:

- Antenna Site Communications.
- Launch Pad Communications.
- Air Strip Communications.

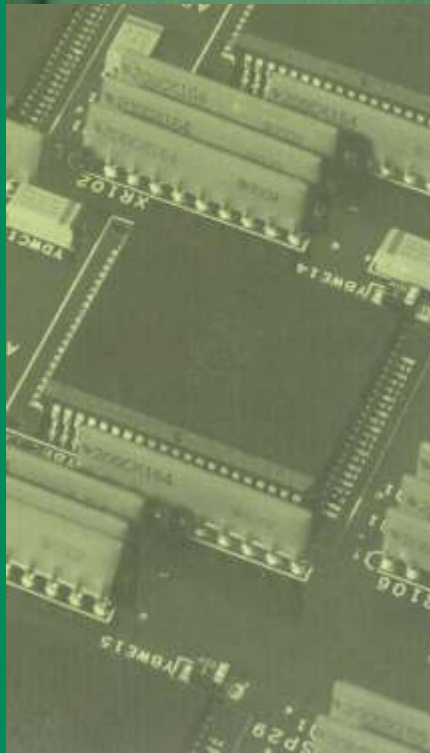


FEATURES:

- 4-Wire E&M Interface.
- User Selection Of 4 Different Conference Nets.
- Sends "Net Alert" Signal To Other MJBs and Keysets.
- Weather-Resistant Outdoor Enclosure With Door And Latch.

DIMENSIONS:

- Height: 13.5 inches (342.9mm)
- Depth: 5.2 inches (132.08mm)
- Width (Door Closed): 10.2 inches (259.08mm)
- Width (Door Open): 20.4 inches (518.16mm)



EXCLUSIVE FEATURES:

- **Selectable Conference Nets** - Allows maintenance personnel to select any of 4 conference nets. Conference nets are configured and assigned to each MJB at the Maintenance Administration Terminal (MAT). Net assignments can be changed in real time.
- **Net Alert Signaling** - Generates and sends a 400Hz tone to other MJBs and keysets to alert other users monitoring the selected conference net.
- **Weather-Resistant Enclosure** - Cover latches closed to protect instrument from the elements. Salt-proof and explosion proof enclosures are also available.
- **Easy Installation** - Brackets allow for easy mounting on virtually any surface.
- **Remote Diagnostics** - The MJB self tests can be run remotely from the Maintenance Administration Terminal.

OPERATIONAL FEATURES:

Net Select Switch and Indicators:

Rotating the Net Select switch connects the MJB to any of four assigned conferences. Each switch position is labeled "Net 1", "Net 2", "Net 3", "Net 4", or "No Net". Lights above the switch positions turn on to indicate which net is selected.

Net Alert Signaling:

Pressing the Net Alert button sends a 400Hz tone to all other instruments monitoring the selected conference. The tone continues until the Net Alert button is released.

Independent Volume Controls:

The MJB has independent volume controls for the headset/handset and the loudspeaker.

Loudspeaker Mute:

Pressing the Mute button turns off the loudspeaker. Pressing the Mute button again turns on the loudspeaker.

OPERATING CHARACTERISTICS:

- **Input Power:**
 - ◆ Voltage: $-48V_{DC}$ Nominal ($-37V_{DC}$ to $-55V_{DC}$ Range).
 - ◆ Current: 10 to 350 milliamps.
- **Operating Temperature:**
 - ◆ $0^{\circ}C$ to $50^{\circ}C$.
- **Relative Humidity:**
 - ◆ 10% to 100% condensing.

ABOUT COMPUNETIX:

Compunetix, a small business with over 30 years of experience in designing and manufacturing communications equipment, is located 15 miles East of Pittsburgh in Monroeville, Pennsylvania. The Federal Systems Division of Compunetix specializes in the design, manufacture, and installation of mission-critical voice communications systems for the aerospace, military, civilian government, emergency response, and other markets where reliable mission-critical communications are a necessity.

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