

# AES Radio Diagnostic Module by ASI Communications, Inc.

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The AES Radio Diagnostic Module will interrogate an AES IntelliNet radio for System Status, Zone Status, and Peer Status and display the results to a technician.

## System Status:

- Network Connectivity Status (GOOD or POOR based on NetCon value)
  - "\* No Network!" / "Net Fail" (indicates No Peers have been obtained yet)
  - "Network POOR" (indicates NetCon 6 or 7)
  - "Radio All Okay" (no troubles/alarms and good connectivity)
- Displays Top Peer, NetCon value, and Link Level values.
- Displays the following System Trouble messages:
  - "Radio AC FAIL"
  - "Charger FAIL"
  - "Radio BAT FAIL"
  - "Ground Fault"
  - "RAM FAIL"
  - "EEPROM FAIL"
  - "ADC FAIL"
  - "Loop Test FAIL"

## Zone Status: (7788F Only)

- "Zone x Alarm"
- "Zone x Trouble"

## Peer Status: (7788F Only)

- Indicates Good Peers and Total Peers (I.E. "+3 : 8" indicates 3 good peers out of 8 total peers)

## The module has been tested with the following radio models:

- 7450 (Burg Radio)
- 7750-F8 (8-Zone Fire Radio)
- 7788F (8-Zone Fire Radio)

When the module is connected and determines that the radio is on the network, the module will automatically send a MANUAL TEST event to the Central Station as a Contact-ID event 601 on area 95 zone 915 (the IntelliTap flag in the radio must be enabled for this event to be delivered). This event can be used to confirm that a technician was on-site with a diagnostic module.

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