

## PlexusAV – Operations Procedure

Transceiver preparation / test / QA steps

P-AVN-4 (part number)

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## Operations and MFG,

Please use this guide for setup and QA procedure on new P-AVN-4 units. Contact me with any questions.

A few important notes below:

- As of 10/14 Sencore has approximately 50-60 of the “EV-5” PCB style P-AVN-4
- All of these units have an older chassis (newer has ventilation holes on the sides)
- As of 10/14 use P-AVN-4\_1.0.1.tar update file
- Units arrive from Wellav in a product box

## Jason Fritz

Product Manager | Office: (605) 978.4646 | Cell: 605-610-6624

[Jason.Fritz@plexusav.com](mailto:Jason.Fritz@plexusav.com)

## Sioux Falls QA Procedure

Please complete the following steps on each unit that arrives:

### 1. Verify condition and contents of the product box

- ✓ Outer box/carton is good condition and didn't get excessive wear/damage
- ✓ P-AVN-4 inside box should be wrapped in white protective bag
- ✓ 2x 5-Pin Phoenix adapters should be included, inside a white protective bag
- ✓ Outer box should have product label that matches serial number of P-AVN-4
  - P-AVN-4 has product sticker on bottom with SN + PI + MAC's + Etc.

### 2. Verify Power / Unit Boot-Up

- ✓ Wire DC adapter to unit, verify bootup
  - If white plexusAV logo and “recovery mode” shows on display come find Jason Fritz
  - Normal bootup shows plexusAV logo (black background) then after about 60 seconds will show Eth1 IP and NMOS name in dark blue text on screen
- ✓ Add Eth1 wire from P-AVN-4 to PoE+ switch
  - Unit should not reboot or show any change on front panel
  - Unit UI should be available via web-interface on Eth1 IP from front panel
  - Unplugging/Re-plugging Eth1 cable should NOT show any reboot or any boot activity

### 3. Software Version and Credentials

- ✓ Wire DC adapter to unit, verify bootup
  - If white plexusAV logo and “recovery mode” shows on display come find Jason Fritz
  - Normal bootup shows plexusAV logo (black background) then after about 60 seconds will show Eth1 IP and NMOS name in dark blue text on screen
- ✓ Verify unit login is user: **admin** password: **proav101** (if not update to 1.0.1 and factory default unit)

- ✓ Verify unit software is at current shipping version (see notes above or ask Jason Fritz)
  - SW is available in TeamCity under Maverick (ask if you need help finding file)
  - SW update will NOT replace existing login password
    - Old password is mpeg101; **all units must ship with proav101 password**
- ✓ Factory Default Unit (if needed)
  - User paperclip to hold down button for 5 seconds, then release
  - Wait 5 seconds, the screen will blank and reboot
  - Unit should reboot and come up in DHCP, Decoder Mode
  - Factory default will flash the password = **proav101**

#### 4. Repack Box + Add Quick-Card Literature

- ✓ Clean up P-AVN-4 from fingerprints/debris and put back in cotton bag
  - Closed end of cotton bag is where front panel goes
  - Open end of cotton bag is I/O / backplate side
- ✓ Add quick card on top as shown below
  - Welcome side (not the support ticket QR) code on top align on center of unit
- ✓ Make sure phoenix adapters/small bag is in there and not rubbing against P-AVN-4 chassis

