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## **Diagnostic & Utility Codes for ALL Units**

### **4 Series**

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Hold down the [MENU] key on start-up:  
4B13: Battery Fail (Leaves Security and Alignments)  
AB12: Generator+  
**A431: Alignment**  
ABBA: LED/Switch Test  
341B: Clear Xover (Full Range)  
1AB4: Make Program Card (512k card required)  
2BB2: Make Program and Preset Card (512k)  
3AB4: Make Preset Card (256k & 512k)  
81D7: Load Jump Flash  
2121: Security Access<sup>1</sup>

### **DP226 [ AND Old DP428 Codes]**

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Hold down the [MENU] key on start-up:  
6B13: Battery Fail (Leaves Security and Alignments)  
**A456: Alignment**  
ABCD: LED/Switch Test  
81D7: Load Jump Flash  
561B: Clear Xovers to Flat  
5AB6: Make Program Card (256k & 512k)  
2BB2: Make Program and Preset Card (256k & 512k)  
3AB4: Make Preset Card (256k & 512k)  
152A: Outputs 100Hz @ -40 (DP226 Only)

**CAUTION!! Enabling the Alignment mode will output +18dB at 1kHz on ALL outputs ! Do NOT remain connected to a PA system during this test!**

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<sup>1</sup> Contact XTA for complimentary break code for 4 Series security.

## DP224

31B13: Battery Fail (Leaves Security and Alignments)

**A4332: Alignment**

4A311: Clear Xovers to Flat

1332A: Outputs 100Hz @ -40dB

2BB22: Make Program and Preset Card (256k & 512k)

4AB12: Make Program Card (256k & 512k)

3AB42: Make Preset Card (256k & 512k)

## DP324

**Alignment: A456** (INP A, LIM A, DEQ B, GATE B)

(Inject +18dB into B and align to lowest number,  
then do A followed by all outputs, which will be driven from A)

Battery Fail: 6B13 (GATE B, INP B, DEQ A, COMP A)

### Card Copying Procedures

Program Only: 5AB6 (DEQ B, INP A, INP B, LIM B) (256k & 512k)

Preset Only: 3AB4 (COMP A, INP A, INP B, LIM A) (256k & 512k)

Program and Preset: 2BB2 (GATE A, INP B, INP B, GATE A) (256k & 512k)

Preset Only from User Memos: 6663 (GATE B, GATE B, GATE B, COMP A)

Set Option Code (Complete Access): AB12 (INP A, INP B, DEQ A, GATE A)

(Start with the 'Next' key and work around the unit in button order to open up full  
TC's etc. Note: 'Enter' key confirms and 'Quit' key quits.)

Next: 0000.0000.0000.0001 = Opens up all release time stops

Back: 0000.0000.0000.0010 = Turns on memories storing bypass status

Quit: 0000.0000.0000.0100 = Turns on memories storing user mode status

Security Set-up: 8713 (LIM B, COMP B, DEQ A, COMP A)

(Hold down [ENTER] and turn on to access Security set-up)

**CAUTION!! Enabling the Alignment mode will output +18dB at 1kHz on ALL outputs ! Do NOT remain connected to a PA system during this test!**