





REVISION HISTORY

Refer to the DCA and associated markups for a complete description of the changes incorporated in a revision.

REV	DCA	DATE	DRAWN	CHECKED	APPROVED	PUBLISHED
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DOCUMENT TITLE
**INFORMATION BULLETIN, CIB
NPX136D-04 ENABLING CHANNELS 33
THROUGH 255**

SIZE A	LRU NPX136D	DOCUMENT NUMBER NPX136D-609-0	REV -
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Typed signatures indicate approval. Handwritten signature approval of this document is on file at Wulfsberg Electronics, Prescott, Arizona.

SCALE: NONE DO NOT SCALE DRAWING

INFORMATION BULLETIN

EQUIPMENT: NPX136D

DATE: 06/23/17

NOTIFICATION NUMBER: CIB NPX136D-04

REVISION: -

1. Planning Information

1.1 Compliance

Upon customer request

1.2 Description

Install a new version of the default Configuration/Code Plug that has valid data entered in channel locations 33 – 255. There is no way to initialize data in locations 33-255 from the front panel.

There are two options for correcting the issue:

1. Apply Service Bulletin CSB NPX136D-03, document number NPX136D-603-0 – Factory Only.
2. User's with the capability of loading and updating their own Configuration/Code Plug files can request the new file from Cobham Aerospace Communications.

1.3 Applicability

This information is intended for release to all NPX136D customers that only have 32 channels enabled and wish to expand beyond that count.

1.4 Reason

Uninitialized data in locations 33-255 will cause a communication failure or screen lockup.

1.5 Approval

N/A

1.6 Recommendation

1. Customers may send their unit(s) to the factory service center for application of Service Bulletin CSB NPX136D-03 (doc.#: NPX136D-603-0), the bulletin will be applied at no cost under factory warranty.
 - a. Obtain an RMA <https://cac-rma.cobhamna.com/> or Call 1 (928) 708-1531
 - b. Ship units to:
Cobham Aerospace, Communications
Attn: Repair Station
6400 Wilkinson Drive
Prescott, Arizona USA 86301
2. Customers who have the capability to load configuration/code plug files themselves can contact Cobham Aerospace Communications customer support to obtain the needed configuration file.

The complete instructions for loading the configuration/code plug file is contained within the NUUDP-NPX-813-1 Operators Manual, a condensed version of instructions are provided below.

Technical Support:
Telephone: 1 (928) 756-1615
cac.prescott.support@cobham.com

1.7 Configuration/Code Plug Load Procedure

1. Saving and Preparing the Configuration/Code Plug File

Note: There are 3 variations of the Configuration/Code Plug File dependent upon your unit's part number and applied modifications.

Configuration/Code Plug File names:

- I. *NPX136D-000 Test Data -255.dfp*
- II. *NPX136D-070 Test Data -255.dfp*
- III. *NPX136D-070 Test Data Narrowband -255.dfp*

- a. Make sure the Universal Device Programmer *nudpnpx136d* program (UDP) for the NPX136D is closed.
- b. Open attachment from Email. When the dialog box opens left click save (take note and do not change the file name).
- c. Save the *.dfp file to NPX136D associated folder or Desktop (some where it won't get deleted, tampered with or lost) you will need to remember where the file was saved. The *.dfp file will need to stay in this location.
- d. Open the (UDP) for the NPX136D.
- e. Left click on file in the upper left hand corner of the UDP.
- f. Left click on Import System and search where you saved the *.dfp file to.
- g. Left click on the file labeled *.dfp and left click on open.

This will create a new system file in the (UDP) labeled as one of the 3 file names.

2. Procedure for Loading Configuration/Code Plug file adding channels 33 - 255

- a. Open the "*nudpnpx136d.exe*" program, located on your P.C.
- b. Create a new system by clicking the "New System" button, going to *File>New System*, or pressing *CTRL+INS*.
- c. Enter the serial number of the unit being programmed.
- d. Click on the record name, a pop-up will appear enter the serial number again.
- e. Plug the serial cable from TJ-NPX136D into J101 25 pin D-Sub connector in the back of the NPX136D.
- f. Apply +28Vdc to the unit.
- g. With the newly created system record selected (steps 2 - 4), connect to the unit either by going to *System>Program*, or by clicking the "*Open system programming module*" button.
- h. Read the user's data (configuration/code plug) from the device by clicking the Red Downward facing arrow button in the programming module. A warning will appear, making you aware that you are about to overwrite the data in the record – proceed.

- i. Once complete, close the programming module.
- j. Import the configuration /Code Plug file provided Cobham.
- k. Select the new Configuration/Code plug system record (file) you created above (one of these 3 file names).
 - a. *NPX136D-000 Test Data -255.dfp*
 - b. *NPX136D-070 Test Data -255.dfp*
 - c. *NPX136D-070 Test Data Narrowband -255.dfp*
- l. With the system record selected, connect to the unit either by going to *System>Program*, or by clicking the "*Open system programming module*" button.
- m. Write the data to the device by clicking the Red Upward facing arrow button in the programming module. A warning will appear, making you aware that you are about to overwrite the data in the unit – proceed.
- n. Once complete, close the programming module.
- o. Reload the user's code plug by identifying the corresponding system by serial number.
- p. From the front panel enable all 255 channels.