Windows Cp-Fix 10001 A
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<u>ABC Switch Threshold change for portables to fix Zone/Channel jumping</u>
This Cp-Fix has been released to resolve the issue we found that when BN version of
portable radio was introduced, there was a change in the nominal voltage that represent
positions A, B and C on the switch. Specifically, this means there is less margin between
the nominal voltage and the threshold that defines the border between positions A and B,
when compared with model AN radio. The software is designed to detect when voltage
crosses the threshold and interpret that as change in the switch position and therefore a
loss of margin increases the change that an error can occur. This Cp-Fix restores that
margin by modifying the threshold voltage on model BN radios. They will now perform
the same as model AN radios.

The Cp-Fix <u>doesn't need to be rerun</u> every time the subscriber is programmed with CPS.

It works for radios with CPS **<u>R09.00.00 or Higher and following model numbers:</u>**
H46xxxxxxBN
H66xxxxxxBN
H67xxxxxxBN
H79xxxxxxBN

To run the CP-Fix, please follow steps listed under "RUNNING THIS PROGRAM"
section.

INTRODUCTION
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The Cp-Fix is a Windows utility used to quickly modify parts of a radio's codeplug that
are not accessible with the CPS. The Cp-Fix modifies the codeplug while the codeplug
resides in the radio. Each Cp-Fix is custom-made for specific customer issues.

RUNNING THIS PROGRAM
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1) Install ASTRO 25 CPS **<u>R09.00.00 or Higher</u>** if not already installed
2) Install the Cp-Fix program by running SETUP.exe program on the CD (a 'Cp-
   Fix' shortcut will be created on the desktop)
3) Double-click on the 'CP-Fix' shortcut on the desktop
4) When the Cp-Fix tool comes up, please select the port where the radio is
   connected. (Please make sure that the radio is turned on and connected to the
   programming cable before proceeding)
5) Select the 'GO' button on the lower right hand side on the Cp-Fix tool.

The following will be the output that the tool will generate:

If all the conditions pass then the user will get the following output:

Cp-Fix Data successfully validated:

Cp-Fix Target Successfully Updated:

If the value does not match then user will get the following output:

Cp-Fix Data successfully validated:

UpdateCodeplug failed: Conditional update (current cp value different from Expected Value in Package File)