

PA0MAG Hytera Code Plug Changer.

Change header From Hytera CP to other Hytera Model DMR transceiver (except PD3xx series). In this example from MD785G to PD785. Tested and working

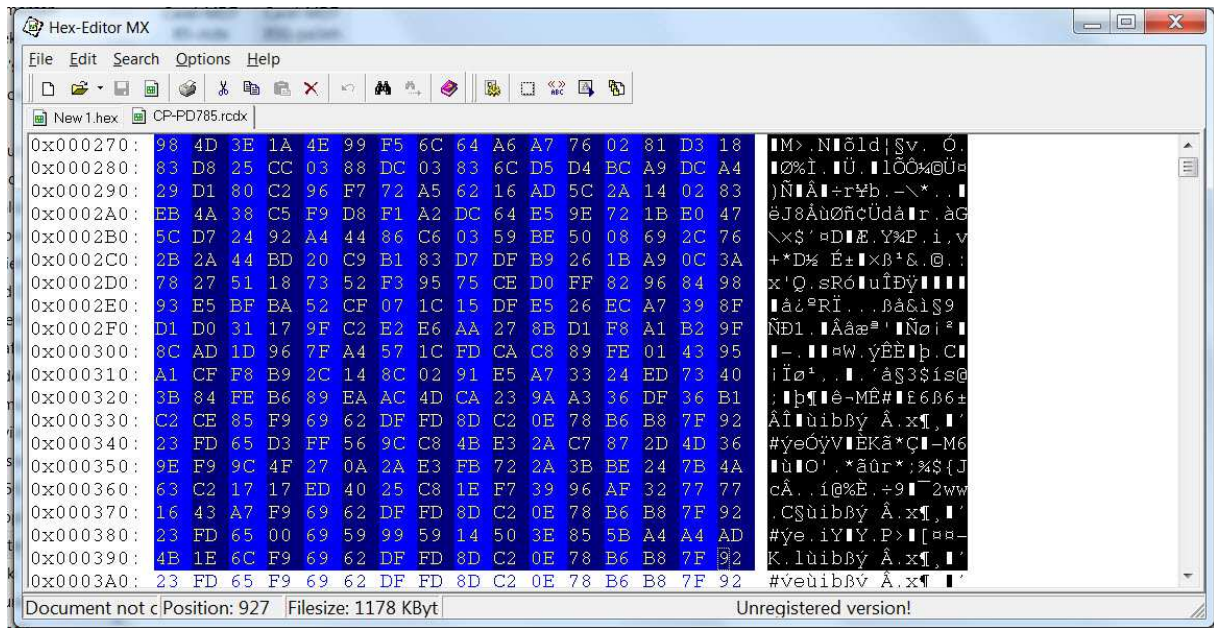
Download Hex Editor Freeware: <http://dl.dropbox.com/u/17046326/files/hexedit.zip> start the Hex editor program.

Open (see example below) an existing (or generate) in this cae a Hytera PD785 code plug with the Hex Editor with extension xxxxx.rcdx

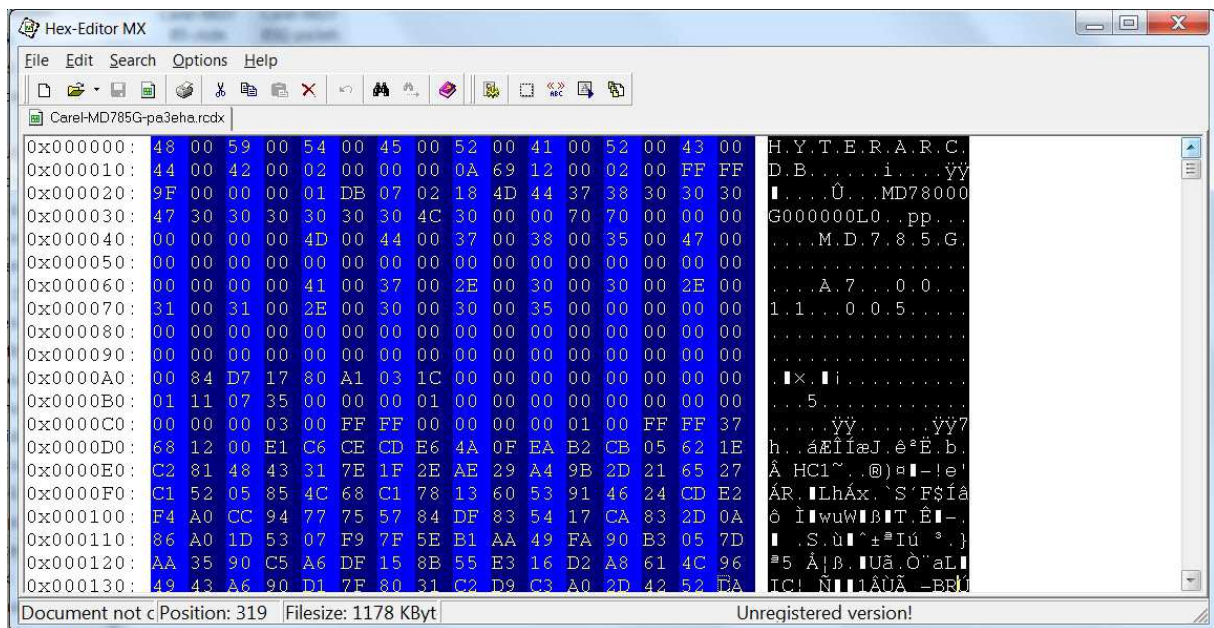
```
Hex-Editor MX
File Edit Search Options Help
New 1.hex CP-PD785.rcdx
0x000000: 48 00 59 00 54 00 45 00 52 00 41 00 52 00 43 00 H.Y.T.E.R.A.R.C.
0x000010: 44 00 42 00 02 00 00 00 0A 69 12 00 02 00 FF FF D.B.....i...ÿÿ
0x000020: 9F 00 00 00 01 DB 07 02 18 50 44 37 38 30 30 30 !...Û...PD78000
0x000030: 30 30 30 30 30 30 30 30 30 00 00 70 70 00 00 00 000000000..pp...
0x000040: 00 00 00 00 50 00 44 00 37 00 38 00 35 00 00 00 ...P.D.7.8.5...
0x000050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ...V.7...0.0...
0x000060: 00 00 00 00 56 00 37 00 2E 00 30 00 30 00 2E 00 0.1...0.0.0...
0x000070: 30 00 31 00 2E 00 30 00 30 00 30 00 00 00 00 00 ...
0x000080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ...
0x000090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ...
0x0000A0: 00 84 D7 17 80 A1 03 1C 00 00 00 00 00 00 00 00 .!x.!i...
0x0000B0: 01 11 08 35 00 00 01 00 00 00 00 00 00 00 00 00 ...5...
0x0000C0: 00 00 00 03 00 FF FF 00 00 01 00 FF FF 37 37 ...ÿÿ...ÿÿ7
0x0000D0: 68 12 00 8C 26 6D 67 91 DF 13 79 02 0C F1 16 16 h...!Smg'B.y..ñ..
0x0000E0: 5D 99 A2 4D 5E AF 42 9E 33 90 AE F0 0D 1A C9 46 ]!çM^B!3 @δ..ÉF
0x0000F0: 3E 7F 67 8A 0D 07 59 4D 87 24 16 92 30 84 16 9A >!g!..YM!$. '0! !
0x000100: 3E 6B 77 86 C4 F9 83 D2 CC 64 4B BD DA 61 2F B7 >kw!Äu!Ö!dK%Üa/
0x000110: 15 CE 49 12 7B FD 11 5D A2 66 71 D2 DB 5F D8 37 .!I.{y.jçfqÜ_ø7
0x000120: D2 0E A0 D1 BF 23 3F 41 82 25 15 34 8C E7 08 0C Ö. Ñ!#?A!%. 4!ç..
0x000130: E4 A7 74 EF 5B 60 0D 75 D2 B2 F1 BE 5F 03 22 F2 ästif`uÖ²ñ%."δ
Document not c|Position: 0 |Filesize: 1178 KByt |Unregistered version!
```

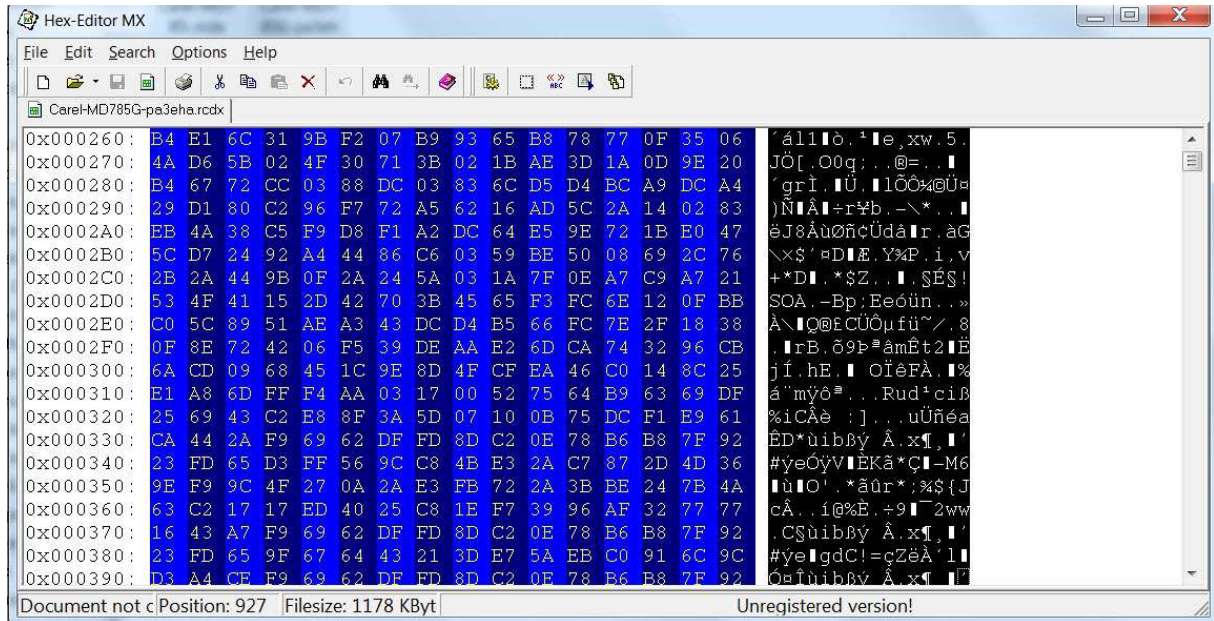
Select RULE 0 TILL 390 and Copy This rules (see picture below)

```
Hex-Editor MX
File Edit Search Options Help
New 1.hex CP-PD785.rcdx
0x000000: 48 00 59 00 54 00 45 00 52 00 41 00 52 00 43 00 H.Y.T.E.R.A.R.C.
0x000010: 44 00 42 00 02 00 00 00 0A 69 12 00 02 00 FF FF D.B.....i...ÿÿ
0x000020: 9F 00 00 00 01 DB 07 02 18 50 44 37 38 30 30 30 !...Û...PD78000
0x000030: 30 30 30 30 30 30 30 30 30 00 00 70 70 00 00 00 000000000..pp...
0x000040: 00 00 00 00 50 00 44 00 37 00 38 00 35 00 00 00 ...P.D.7.8.5...
0x000050: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ...V.7...0.0...
0x000060: 00 00 00 00 56 00 37 00 2E 00 30 00 30 00 2E 00 0.1...0.0.0...
0x000070: 30 00 31 00 2E 00 30 00 30 00 30 00 00 00 00 00 ...
0x000080: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ...
0x000090: 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 ...
0x0000A0: 00 84 D7 17 80 A1 03 1C 00 00 00 00 00 00 00 00 .!x.!i...
0x0000B0: 01 11 08 35 00 00 01 00 00 00 00 00 00 00 00 00 ...5...
0x0000C0: 00 00 00 03 00 FF FF 00 00 01 00 FF FF 37 37 ...ÿÿ...ÿÿ7
0x0000D0: 68 12 00 8C 26 6D 67 91 DF 13 79 02 0C F1 16 16 h...!Smg'B.y..ñ..
0x0000E0: 5D 99 A2 4D 5E AF 42 9E 33 90 AE F0 0D 1A C9 46 ]!çM^B!3 @δ..ÉF
0x0000F0: 3E 7F 67 8A 0D 07 59 4D 87 24 16 92 30 84 16 9A >!g!..YM!$. '0! !
0x000100: 3E 6B 77 86 C4 F9 83 D2 CC 64 4B BD DA 61 2F B7 >kw!Äu!Ö!dK%Üa/
0x000110: 15 CE 49 12 7B FD 11 5D A2 66 71 D2 DB 5F D8 37 .!I.{y.jçfqÜ_ø7
0x000120: D2 0E A0 D1 BF 23 3F 41 82 25 15 34 8C E7 08 0C Ö. Ñ!#?A!%. 4!ç..
0x000130: E4 A7 74 EF 5B 60 0D 75 D2 B2 F1 BE 5F 03 22 F2 ästif`uÖ²ñ%."δ
Document not c|Position: 319 |Filesize: 1178 KByt |Unregistered version!
```



Open (in this example) a existing code plug that you want to use. In this example Hytera MD785G code plug, with the Hex Editor with extension xxxxx.rcdx an Select RULE 0 TILL 390 and PASTE the RULES you just have copied from the other CODE PLUG (in this case the PS785) see picture below.





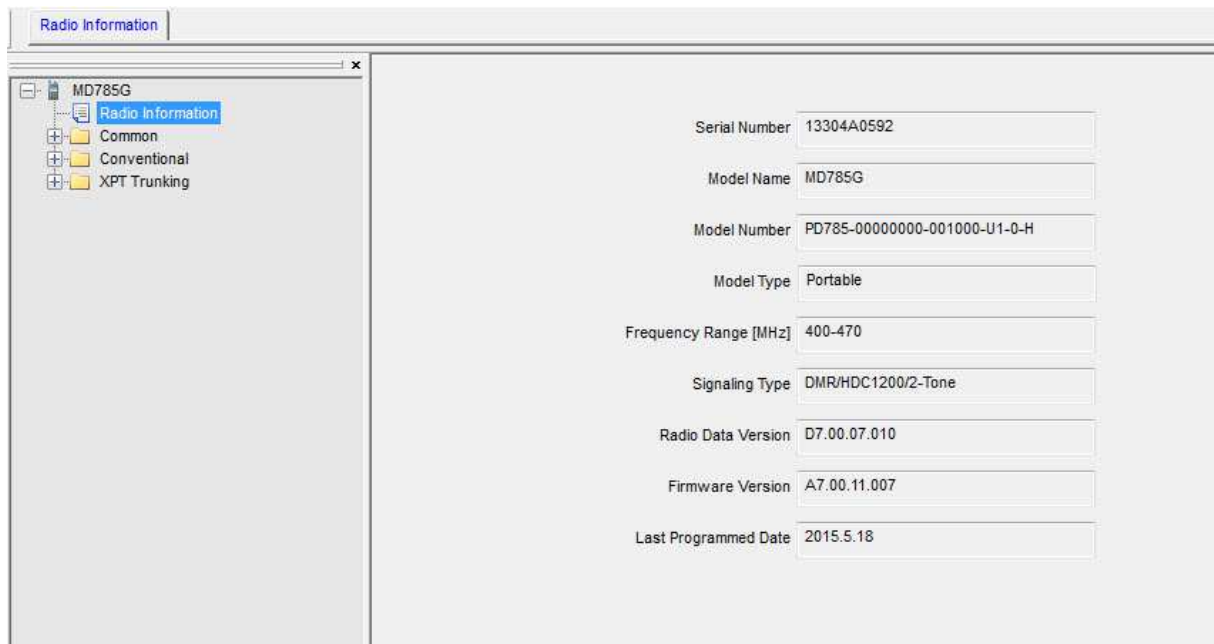
Now are the rules 0 till 390 from the PD785 CP in the CP of the MD785G (in this example).

Save this file, this is the new CP now for the PD785.

Open this new CP with the Hytera CPS (Code Plug Software) and write to radio (in this case) PD785. After this, read from radio the file (in this case PD785) and save to your computer, after this write this saved CP again to your radio.

Otherwise you see by Radio information, maybe the wrong model name (see pictures below).

BEFORE RELOAD



AFTER RELOADED

The screenshot shows a software application window with a menu bar (File, Edit, Program, Option, View, Tools, Window, Help) and a toolbar. The main window is titled "Radio Information" and displays the following data:

Field	Value
Serial Number	13304A0592
Model Name	PD785
Model Number	PD785-00000000-001000-U1-0-H
Model Type	Portable
Frequency Range [MHz]	400-470
Signaling Type	DMR/HDC1200/2-Tone
Radio Data Version	D7.00.07.010
Firmware Version	A7.00.11.007
Last Programmed Date	2015.5.19

The left sidebar shows a tree view with the following structure:

- PD785
 - Radio Information (selected)
 - Common
 - Conventional
 - XPT Trunking