



How to program
the Cotre CO06D
K7RRL

You need to add contacts first – These are the Talk Groups

The screenshot shows the Auctus Cps software interface. The left sidebar contains a tree view of settings categories, with 'Contacts' selected. The main window displays a table of contacts. The table has columns for 'Edit', 'Contact Name', 'Type', and 'Number'. The 'PNWR' contact is highlighted in blue. An arrow points to the 'Create Group Call' button in the top toolbar with the text 'First Create a group call'. Another arrow points to the 'Edit' button for the 'PNWR' contact with the text 'Next Edit the contact'.

File(F) Operation(O) Window(W) Help(H)

Open File | Save File | Read From Radio | Write To Radio | Languages

⊕ Create Individual Call ⊕ Create Group Call ⊕ Create All Call | Delete | Clear

	Edit	Contact Name	Type	Number
1	Edit	Parrot	Individual Call	9990
2	Edit	Ohio	Group Call	3139
3	Edit	Ohio TAC	Group Call	31390
4	Edit	NE Ohio	Group Call	31391
5	Edit	SE Ohio	Group Call	31393
6	Edit	SW Ohio	Group Call	31394
7	Edit	PNWR	Group Call	31771
8	Edit	全呼	All Call	1677215

Next Edit the contact

Edit the contact

Enter a descriptive name for the Talk Group
Or Contact as they call it in this CPS

Make sure Group Call is selected.

Make sure the proper Talk Group number is
Entered.

Press OK

Edit

Name

Type Individual Call
 Group Call
 All Call

Code

Add Channels – See also Edit Channels on next page

Press Create Channel – Create Digital Channel

Then Edit the Channel you created

	Edit	Check	Name	Type	TxFreq	RxFreq
1	Edit	<input type="checkbox"/>	HS BM Parrot	DIG	434.400000MHz	434.400000MHz
2	Edit	<input type="checkbox"/>	HS BM Ohio	DIG	434.400000MHz	434.400000MHz
3	Edit	<input type="checkbox"/>	HS BM Ohio Tac	DIG	434.400000MHz	434.400000MHz
4	Edit	<input type="checkbox"/>	HS BM NE Ohio	DIG	434.400000MHz	434.400000MHz
5	Edit	<input type="checkbox"/>	HS BM SE Ohio	DIG	434.400000MHz	434.400000MHz
6	Edit	<input type="checkbox"/>	HS BM SW Ohio	DIG	434.400000MHz	434.400000MHz
7	Edit	<input type="checkbox"/>	HS BM PNWR	DIG	434.400000MHz	434.400000MHz

Edit the channels

The way I determine names may not work for you. I abbreviate the Zone name first, HS = Hot Spot, then the talk group, BM stands for Brandmeister, BM Ohio = Brandmeister Ohio. The repeater system I use here in Washington State uses some Brandmeister talk group numbers and some of there own, so I try and keep them separate. (Google PWN Digital if your interested in more)

Make Sure TX and RX Frequencies are correct

Receive Group and Scan List can be blank.

PTT State is important, ask at the club how this should be set for repeater usage – Also known at TX Permit Kinda like BCLO on an analog radio

Make Sure the contact is set for the correct talk group

The screenshot shows the 'Edit Channel' window in the DIG software. The window title is 'DIG' and the channel name is 'HS BM Ohio'. The configuration options are as follows:

Field	Value
Name	HS BM Ohio
Channel name, you can input no more than 16 characters	
Configuration	
Freq	
Tx Freq	434.400000
Rx Freq	434.400000
Receive Group	
Scan List	
Scan Enable	<input type="checkbox"/> Enable
Encryption Key List	
Tx Power	<input checked="" type="checkbox"/> High
Roaming List	None
Private Confirm	<input type="checkbox"/> Enable
Alarm System	
PTT State	Always
Slot	2
Contact	Ohio,3139
Color Code	1
AES Mode	<input type="checkbox"/> Enable
AES Authenticate	<input type="checkbox"/> Enable
Auto Roaming	<input type="checkbox"/> Enable
MicConfirmed	<input type="checkbox"/> Enable
GPS Report	<input type="checkbox"/> Enable
GPS Revert Channel	HS BM Parrot

Navigation buttons at the bottom: <-(P), 2 / 7, ->-(N), OK(O), Close(C).

Encryption, Roaming, and Alarms are all part of the commercial part of these radios, ignore the settings.

Make sure the Time Slot is correct for the channel you are programming. Your current hotspot will always be Time Slot 2

Make sure that the Color Code is correct for the repeater you are using, your Hot Spot is CC1

All of the other things I've not mentioned on the edit channel window, I'm not sure what they do. AES? GPS Report?? Im not sure. If your not sure, don't turn it on. 😊

Add Channels to a zone

Auctus Cps

File(F) Operation(O) Window(W) Help(H)

Open File Save File Read From Radio Write To Radio Languages

CPS.accps

- Device Information
- Basic Configs
- Zone
- Quick Text
- Contacts
- Scan List
- Channels
- Buttons
- Receive Group List
- Encrypt Key List
- DTMF Signaling
- Alarm System
- DMR Settings
- One Touch Access
- GPS
- Menu
- Roaming List

+ Create Delete Selected Zone Set Selected Item As Current Zone Batch Add Items Batch Remove Items

Name: Hot Spot

Optional Channel

Check	Name	Tx Freq	Rx Freq
<input checked="" type="checkbox"/>	HS BM Ohio	434.400000MHz	434.400000MHz
<input type="checkbox"/>	HS BM Ohio Tac	434.400000MHz	434.400000MHz
<input type="checkbox"/>	HS BM NE Ohio	434.400000MHz	434.400000MHz
<input type="checkbox"/>	HS BM SE Ohio	434.400000MHz	434.400000MHz
<input type="checkbox"/>	HS BM SW Ohio	434.400000MHz	434.400000MHz
<input type="checkbox"/>	HS BM PNWR	434.400000MHz	434.400000MHz

Zone Channel

Check	Name	Tx Freq	Rx Freq
<input checked="" type="checkbox"/>	HS BM Parrot	434.400000	434.400000

These are the channels that are not in the current zone

These are the channel that are in the current Zone.

Click on the zone you want to edit.
Click "Create" if making a new zone

Add Channels to a zone Cont.

The screenshot shows the Auctus Cps interface with the 'Hot Spot' zone selected. The 'Optional Channel' table contains the following data:

Check	Name	Tx Freq	Rx Freq
<input checked="" type="checkbox"/>	HS BM Ohio	434.400000MHz	434.400000MHz
<input checked="" type="checkbox"/>	HS BM Ohio Tac	434.400000MHz	434.400000MHz
<input checked="" type="checkbox"/>	HS BM NE Ohio	434.400000MHz	434.400000MHz
<input checked="" type="checkbox"/>	HS BM SE Ohio	434.400000MHz	434.400000MHz
<input checked="" type="checkbox"/>	HS BM SW Ohio	434.400000MHz	434.400000MHz
<input checked="" type="checkbox"/>	HS BM PNWR	434.400000MHz	434.400000MHz

The 'Zone Channel' table is currently empty.

Check the boxes for the channels you want To add to the current zone selected then click "Batch Add Items"

The screenshot shows the Auctus Cps interface with the 'Hot Spot' zone selected. The 'Optional Channel' table is empty. The 'Zone Channel' table contains the following data:

	Check	Name	Tx Freq	Rx Freq
▶ 1	<input checked="" type="checkbox"/>	HS BM Parrot	434.400000	434.400000
2	<input type="checkbox"/>	HS BM Ohio	434.400000	434.400000
3	<input type="checkbox"/>	HS BM Ohio T...	434.400000	434.400000
4	<input type="checkbox"/>	HS BM NE Ohio	434.400000	434.400000
5	<input type="checkbox"/>	HS BM SE Ohio	434.400000	434.400000
6	<input type="checkbox"/>	HS BM SW Ohio	434.400000	434.400000
7	<input type="checkbox"/>	HS BM PNWR	434.400000	434.400000

Finish Up

- Save the new file to a different name.
 - My convention is “Codeplug ‘Radio Model’ Date
 - Codeplug CO06D 12-29-22.accps
- Write the new file to the radio and check that it works!