

## **Step By Step Instructions for Entering Keys Manually** **On Most FTA Receivers**

### **Ariza:**

1. Press Green button
2. Press Red button
3. Press Red button
4. Press Menu button
5. Press right arrow several times until you see nagravision.
6. Now depending on the key that changed and is active you must scroll down til proper key to be changed.  
Example: On 06/09/05 ECM key 01 is active. Scroll down to provider 000101 key line 01 and enter xx xx xx xx xx xx xx xx (enter number with your # button in your remote and for letter follow code definition button on your TV screen)
7. Press OK for 5 seconds.
8. Exit, exit .....
9. Change channel and watch TV.

### **Ariza 700:**

1. Press Menu
2. Scroll Down to Parental Control, Press Enter
3. Press "i" key on remote, then enter pin number "2004"
4. Scroll down to Set Default Key, Press Enter
5. Scroll up to Nagravision, Press Enter
6. Press VOL Right twice, you will see Dish Network
7. Press CH Down once, then VOL Right Twice, you will now see Nagravision 2 displayed top left You are now at the key 00, Press CH Down once so you can edit the Key Data
8. Enter your new keys (write down the old ones to be safe)
9. Press Ok to store, then repeat with key 01
10. Press exit until you get back to tv, all channels will be available

### **Ariza Extreme:**

1. Press "Menu" on remote
2. Press right arrow to "Expert" with remote.
3. Press "1-2-3-4" quickly on remote. This will bring you into the "CAS system" Menu. This is where you enter/alter data for all services you wish to test.
4. using the arrow keys to navagate , move to the appropriate index for the desired

- provider, then to the key & select “ok” on remote.
5. Using the arrow keys on remote to change selected values for the desired provider/key.
  6. Using your remote, select and change the “key 00 data” with new correct information, then press “exit” on remote to store your changes.
  7. Using your remote, select and change the “key 01 data” using the same method described for changing key 00 ,steps 4 - 6 substituting the key 01 index/key line and correct data for key 01. Enter the new 01 data, then select “exit” on the remote to store your changes.
  8. Press “exit” on remote until you reach view mode, then wait approx 15 seconds and your reciever should beging to process correctly again, allowing you to view video again until the next change. You must then obtain current/new data and repeat this process over again substituting the new updated data.
  - 8a. If after completing all listed steps you still fail to recieve video , then review all data as entered as well as all setup and installation settings ensuring they are correct and you are recieving signal from the correct satellite/s.

### **Buzz**

1. Hit the “Menu” button.
2. Then scroll down to “Entertainment” and hit the “OK” button.
3. Then scroll down and highlight “Sokoban” then press 7890.
4. You should then see “Code” appear and be flashing. Highlight it and Press “OK.”
5. Then scroll down to Nagravision .
6. Move to Dish and make sure it is 0101 for dish and for BEV 0901.
7. Enter the first half of Key 86 (Key 00) in line 10.
8. Then enter the second half of Key 86 (Key 01) in line 11.
9. Then Enter the first half of Key 96 (Key 01) in line 20.
10. Then Enter the second half of Key 96 (Key 01) in line 21.
11. Then Exit out.
12. Change channel and watch TV

### **CaptiveWorks CW600s**

Part 1: Switch off autoroll.

- A. Go to Menu.
- B. Go To System Setting.
- C. Go To OSD.
- D. Go down to Autoroll option and switch it to OFF.
- E. Exit out to Menu

Part 2: Entering Keys Manually

- A. Go to Menu.

- B. Go To Accessories.
- C. Go down to Key Menu.
- D. Press Left Arrow Once to show "NAGRA2" on top of screen.

BEV:

Go down to 00 09 01 section 80 is Key 00, or Key 86.  
Press Green Button. Enter new Key 00/86 there.  
Go down to 00 09 01 section 90 is Key 01, or Key 96.  
Press Green Button. Enter new Key 01/96 there.

DishNetwork:

Go down to 00 01 01 section 80 is Key 00, or 86.  
Press Green Button. Enter Key 00/86 there.  
Go down to 00 01 01 section 90 is Key 01, or 96.  
Press Green Button. Enter Key 01/96 there.

Now, be sure to save any changes that you need to.  
Exit out and watch TV.

## **Conaxsat CNX V1**

1. Hit the "Menu" button and Press "9999."
2. Then, go to Key Manager and hit "OK."
3. Next, go to System, and hit "OK."
4. Then, to Provider, and hit "OK."
5. Next, to Key Index, and Hit "OK."
6. Then, go down to the appropriate field and hit "OK."
7. Use your Arrow Buttons on the Remote to navigate and enter codes.

*Once at stage 6 above... You can also use direct key entry. Here is how:*

Use the numeric keypad and if you need to toggle between Alpha and Numeric entries, each time you need the change, just press the Red RCU button. It's much faster than arrowing around... once you get the hang of it.

Alphabetic Numbers:

- 1 = A
- 2 = B
- 3 = C
- 4 = D
- 5 = E
- 6 = F

### **Coolsats:**

1. Either Enter 8282 on your remote, or you can hit the "Mute" button on your remote and then hit the "Exit" button.
2. Then Making sure that you have the very top box says 1 Nagravision for Dish Net, or 2 Nagravision for BEV.
3. To enter your keys, you can use the numbers on the number pad, and the info button to change letters. Hit the Info button until you get the letter you want, then hit the Right Arrow to change slots.
4. Or, you can hit the OK button and a new menu will pop up. Just use your arrows to select the numbers and letters you want and hit the OK button after each one. (Hit the exit button one time to get out of the little pop up screen.)
5. Now scroll down to the data in line 10. Enter the first half of KEY 86 (or Key 00) in this line.
6. The go to line 11 and enter the second half of Key 86 (or Key 00) in this line.
7. Then go to line 20 and enter the first half of Key 96 (or Key 01) in this line.
8. Next go to line 21 and enter the second half of Key 96 (or Key 01) in this line.
9. Now hit the Exit button.
10. When the next screen pops up asking if you want to save changes, Use your arrows and select "Yes" and hit the "OK" button.
11. Now, change your channel, and watch TV.

### **Digiwave:**

1. Press MENU
2. Scroll down to System Setting.
3. Press OK. If you see a red dot in the botton/left of your screen, go to step 5
4. Enter number 1004. A red dot will come out at your bottom left. YOU DO NOT NEED TO DO THIS STEP w/ latest bins.
5. Press red button (audio).
6. Press right arrow until NAGRA appears in the first line.
7. Down arrow up to Provider and right arrow up to 0001.
8. Now scroll down to first key line and press OK. scroll to the letters and number and enter Key 00.
9. Scroll down to second key line, press ok. and enter key 01
10. Scroll To Save Key and
11. Press OK.
12. Exit and Enjoy

### **Dreambox 500:**

1. Open up Dreambox Control Center, select FTP.
2. Then on left hand side of display double click on var.

3. Then double click on keys, then right click on keylist, and select Edit.
4. Go to the lines which looks like this:

N 0101 01 BXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ; Key update: 14-09-2005

N 0001 01 BXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ; Key update: 14-09-2005

where BXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX is the old key number, and change it to look like this:

N 0101 00 FXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ; Key update: 07-11-2005

N 0001 01 FXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ; Key update: 07-11-2005

where FXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX is the new key number. Note that the first line also changes from N 0101 01 to N0101 00

5. Then select File, then select Save and Exit.
6. Then exit out of DCC.

Some people say you have to reboot, but within five seconds after I made this change, I had video and audio back.

### **DVB/PCI Boards:**

1. Get the latest file for the new softcam for DVB/PCI boards. Extract to folder, and drag and drop

### **ExtremeView Magnum**

Make sure that you have a current bin file loaded.

1. Press the menu key on your remote
2. Go to "\$" and press the "OK" button
3. Go down to SoftCam, and press the "OK" button
4. Set the Menu screen to look like this:

CAS : NAGRA  
Provider name: Dish-Net  
Provider ID should be on 00 02

5. Go down to "00" set Keycodes and press the "OK" button

- A softcam key edit window will open.
6. The first half of the first key "00" will be highlighted, press the "OK" button
  7. A Key Pad Window will open, just scroll around to enter your new keys (Using Up, Down, Left and Right keys)
  8. Press OK on the Keypad window, then when window closes press update (green button on remote)
  9. Wait for keycode to update. (if you don't you will have to do it all over again)
  10. Now go down and repeat steps for the next half of your new keycode you are changing.
  11. Go down to the "01" or second set of Keys for Dish-Net and do steps 6-10 for 01.
  12. Once you've finished the DN Keys you can go to the BellExpressVu keys
  13. Go up to the Provider Name
  14. Go to the right one time to Bell-Vu.
  15. Now repeat the steps above to change your BEV keys.

Be sure to press the "green" button to update your keys and wait after entering your new keys!

If you mess up and need to start over, you can go back to default the keys, by pressing the Blue default button on your remote.

### **Homesat**

1. Go to the STB Configuration screen: (the Gears)
2. Type 1234 (make sure the red light flashes on the front of the unit)
3. You should now see the key screen. They only keys you will touch are as follows:

    Edit 1,2 (Key 0) and 5,6 (Key 1) for D\*\*H  
    Edit 3,4 (Key 0) and 7,8 (Key 2) for B\*V

Don't touch the other keys.

### **Ivision**

1. Press Menu
2. Press Blue key on your remote (Providers key menu screen will appear)
3. Go to Set Default key option and press the "OK" button. (Receiver will bring you back to the Key menu)
4. Go to Nagravision and press the "OK" button.
5. Scroll down to the Dish or BEV keys.
6. Press the "OK" button to edit the keys.
7. Press the "OK" button for keyboard option.
8. Move left or right to chose the Key Data to enter
9. After you have enter the New Key press the Blue key from your remote to save

and exit.

10. A message will appear on screen stating “Key updated.”

You should have video right away, if you don't get video then check if you have entered the right key. You must set Default Key First to get video.

### **Neusat**

1. With your remote, hit Menu, then System Setting, then Scroll down to Hot Key, and then press the “OK” button.
2. Select “CAS” with Left or Right Arrows (Nagravision).
3. Use the Down Arrow to get to the Provider name Selection.
4. Select Provider name with Left or Right Arrows.
5. Press OK to Open the Provider Full Set of Keys.  
(00 and 10 lines contain the 0 or 86 key; 01 and 11 lines contain the 1 or 96 key. Each line will hold 16 digits of the 32 digits.)
6. Scroll to the line you wish to edit, use the blue button to open the key edit pad, (Input Value Screen) You will see the first character in the line of keys is highlighted with the alpha-numeric pad below it.
7. Select the first new digit and hit “OK” on your Remote.
8. Select the next digit and repeat process until the full line of key data is entered.
9. Select on-screen Done Key and press “OK” on Remote.
10. Use Down or Up Button to move to the next line to edit...repeat line edit process for all lines.
11. When done, Press the Red Button to save the new Key Info.

### **Pansats:**

1. Hit the Menu button.
2. Then scroll down to Parental Code, and hit “OK”.
3. Then go to Second Pin and enter all zeros. (0000)
4. Now scroll down to Nagravision 2 and hit “OK”
5. On Provider ID, select the Provider you need, Dish Net, or Bev.
6. Move down to Key Number. Depending on what key you need to enter, you will change the key number by using the left or right arrows only. Key 86 is the same as Key Number 00, and Key 96 is the same as Key Number 01.
7. At the bottom of the page it will tell you which buttons to use to get the appropriate letters for your keys.
8. Once you have changed the necessary keys, hit the “OK” button and make sure that the “OK Store” words blink at the bottom right corner.
9. Exit all the way out of your Menu, and change channel.
10. Watch TV.

### **Sonicview**

1. Hit the "Menu" button.
2. Then scroll down to "Entertainment" and hit the "OK" button.
3. Then scroll down and highlight "Sokoban" then press 7890.
4. You should then see "Code" appear and be flashing. Highlight it and Press "OK."
5. Then scroll down to Nagravisision .
6. Move to Dish and make sure it is 0101 for dish and for BEV 0901.
7. Enter the first half of Key 86 (Key 00) in line 10.
8. Then enter the second half of Key 86 (Key 01) in line 11.
9. Then Enter the first half of Key 96 (Key 01) in line 20.
10. Then Enter the second half of Key 96 (Key 01) in line 21.
11. Then Exit out.
12. Change channel and watch TV

### **Viewsats:**

1. Hit the "Menu" button.
2. Then scroll down to "Installation." Hit the "OK" button.
3. Now scroll down to "Code" and hit the "OK" button.
4. Next scroll down to "Nagra" and hit the "OK" button.
5. On the next screen, hit the left arrow to get to the key window for the provider you need. Make sure you go to the second one of that provider. If you don't see 5 lines of code (for Dish Net,) then you need to hit the left arrow again. Dish Provider ID is "Dish Net 010100," and Bev Provider ID is "Bev 090100.
6. Now skip the first line of code. Do not alter this line. (For Dish Net Only)
7. On the second line, it should start with 08. Using the right arrow, move to the next set of digits. You will always want to leave the first 2 numbers there. They identify the line.
8. Enter the first half of Key 86 (Key 00) into line 08.
9. Next enter the second half of Key 86 (Key 00) into line 09.
10. Then enter the first half of Key 96 (Key 01) into line 88.
11. Then enter the second half of Key 96 (Key 01) into line 89.
12. Remember, DO NOT ALTER THE FIRST 2 DIGITS OF ANY OF THESE LINES. Start with the second set on each line.
13. Now hit the "Exit" button.
14. Highlight "Yes" and hit OK.
15. Exit out of the menu, and change the channel.
16. Watch TV.

Buttons may differ for some recs. Here are the buttons for the letters.

A = F1 (Red button)

B = F2 (Green button)

C = F3 (Yellow button)

D = F4 (Blue button)

E = Goback (bottom corner of the number pad) Rewind on the 7000PVR

F = Color / Slow on the 7000PVR  
Delete = Guide

### **Viewsat Ultra Manual Key Entry**

1. With unit on hit the MENU button on remote.
2. Scroll down to User Settings hit OK button on remote.
3. Enter in your Pin Code. Default is "0000"
4. Scroll down to Code Menu hit OK button on remote.
5. Scroll Right to Nagra.
6. Scroll Down
7. Scroll Left Dish 01 01 00 or BEV 09 01 00

• These are the Keys needed to be changed. There are 2 Sets. They are 08 & 09 and 88 & 89.

8. Now depending on what key sets are to be changed. Usually displayed to you as follows:

Key 00

Key 08 - 06 07 F0 E2 61 6F E1 45

Key 09 - 01 C5 FB 21 37 B6 C0 5E

Key01

Key 88 - 06 07 F0 E2 61 6F E1 45

Key 89 - 01 C5 FB 21 37 B6 C0 5E

9. Using your remote Arrow Buttons to navigate to the specified key to be changed enter in the new keys. Use the following to enter numbers and letters:

Numbers are 0-9.

Letter A is Button F1

Letter B is Button F2

Letter C is Button F3

Letter D is Button F4

Letter E is Button LAST CHANNEL

Letter F is Button TEXT

10. Once you have entered both lines need verify your entry and Hit the Exit Button.

11. You will then be prompted to save your information. Highlight Yes and hit OK button on your remote.

12. Now just keep hitting the Exit button on remote till you get out of all menus and if you have entered in the keys correctly you should now have picture back.

**\* Keys shown above are only an example.**

I would like to extend a big thanks to bcb, JCGHound, geotheis, psifry, and Teach Divin for their help with some of the key entry steps. This will be updated as I receive more step by steps. Credit will be given to any that I use word for word of what they Tell me.

The object of this guide is to make Key Entry as easy as possible for all Receivers. Meaning very detailed Step by Steps.

Injun

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