

Some questions & answers: From other Azbox users:



Many items are detailed in the A-Z users guide however some of these question/answers here are taken directly from the guide to help some others who have gone through the guide and sometimes just need a quick question answered without wading through 50 or more pages of info.

My Receiver boots up in the PAL format, How do I change it to NTSC?

Here are the directions for bringing the Azbox from Pal (default format) to NTSC.

*After a reboot the receiver defaults to pal format
to changed the setting in the Menu from PAL, back to NTSC
you need to do the following steps using the remote keypad.*

- 1) Reboot the receiver by the switch on the back of the unit.
After it powers up and you see the menu rolling, follow these steps:
- 2) Down Arrow 6 Times
- 3) Hit the OK button
- 4) Right Arrow 1 Time
- 5) Down Arrow 1 Time
- 6) Right Arrow 1 Time

You will now have changed the setting in the Menu from PAL, back to NTSC.

- 7) The receiver will ask you if you want to save your change and say YES.

=====

Now you're in the NTSC mode and you should have a picture on your TV.

You need to be careful while in these menu screens. If you make a change that you are not aware of you can change the settings that will take affect after you power off the receiver and will have to come back in and re-do the settings.

How do I set up a Favorite list in the Azbox?

Setting up a Favorite List in the Azbox:

While viewing a channel press the 'OK' button on your remote.

This will bring up your channel list.

If you are on the channel you want to add to your favorite category then this should be the top one on your channel list.

Otherwise you may want to do the following.

Press the 'Exit' button on your remote once or twice to toggle across the top line from:
ALL : SATELLITE : GENRE: PROVIDER : COUNTRY : FTA/CAS : FAV :

Now highlight the 'Satellite' icon and go to the satellite you have the channel you want to add to your Favorite list.

For instance, if you are on AMC-3 and while viewing a program you press the OK button you will see the top line highlighted in blue will be the section you are in at the present time. In this case Satellite is highlighted in blue so I know since I was on AMC-3 that these are the channels from that particular satellite.

Now you want to highlight the channel you want to add and press the 'MENU' button on your remote. An edit box will now appear giving you several choices. Arrow down to go to 'Add to favorite' and press enter.

Now if this is your first time adding a channel to your favorite list you will need to set up a new directory. Press the Blue button on your remote to add a New directory. Once done press 'OK'. A box will appear saying 'information' 'Add Complete'.

Now you can name the directory up to twelve letters/numbers.

When adding new channels to your new directory under Favorites just highlight the channel you want to add and press the menu button, go to add to favorite, the directory will show up in a new box on your screen and if it is highlighted press enter on your remote. Once that new pop up screen goes away your channel is added to your favorite menu.

Now to View by favorites :

While viewing a program press OK.

Press the Exit button twice:

Arrow over to Favorites:

Open the directory you created under the favorite menu.

Your channel list under favorites is now on your screen.

Your Favorite menu can be created by satellite locations or just by one simple directory. It is what you want it to be.

the channels you enter in the FAVs will be dispersed over the entire arc as you would normally enter just one or a few channels from each satellite and there is no way to sort them per individual sats.

Well, there is a way, but it isn't typical. You could create a favorite category for each

satellite that you normally visit and then just put your favorite channels from that one sat in that one list. That is a way to do it. This would be a good way to deal with sats such as Galaxy 19 Ku @ 97.0°W with so many channels to wade through.

I think you are almost unlimited in the number of favorite groupings that you can create. And you can put a channel in more than one group, if you wish to.

Azbox HD How to create a Favorites List

First of all, scan all the Satellites that you require in order to assemble a Favorites Bouquet.

I recommended the individual Favorites are assembled from the same satellite, this will save time zapping channels when the motor has to move from one Satellite to another.

Ensure that the top Banner Line has SATELLITE highlighted.
This can be done by pressing the OK button to reveal the menu page.

If SATELLITE is not highlighted, then press EXIT until only the top banner line is highlighted, and then use the LEFT or RIGHT cursor button until SATELLITE is highlighted and press OK.

1).

Using the UP or DOWN cursor buttons, select the satellite that you wish to create a favorites bouquet from, and press OK to reveal the Channels list.

I suggest you then use the RED button to have that list in alphabetical order for easy location of the required channel.

Using the UP or DOWN cursor buttons move the channel highlighter to the first channel required on the list.

Press the MENU button and this will bring up an Edit list comprising:

- Lock
- Skip
- Delete
- Insert HD flag
- Rename
- MOVE
- Add to genre
- Add to provider
- Add to country
- Add to favorite

Using the UP or DOWN cursor buttons, select Add to favorite and then press OK.

This will bring up another sub-menu "Add to favorite".

Press the BLUE New button and this will take you a text field for you to give a name to your first favorite bouquet.

a). On the "Premium" model, the bottom twelve keys on the remote keypad are now active for you to enter the name.

b). On the "Elite" model, the twelve keys at the top, just below the Power button , on the remote keypad are now active for you to enter the name.

The bottom right hand side Button of the set, (CAPS/NUM) is to scroll through values of the ten buttons (0 through to 9) being either "Upper case Alpha" or, "Lower case Alpha", or "Numeric".

The bottom left hand side Button of the set, (BACK/DEL) is used to correct a wrong entry in your text.

When your Bouquet name is written, then press OK. This will enter that channel into the newly created Bouquet and the screen will show the channels list again.

2).

Using the UP or DOWN cursor buttons move the channel highlighter to the next channel required on the list.

Press the MENU button and this will bring up an Edit list comprising:

Lock

Skip

Delete

Insert HD flag

Rename

MOVE

Add to genre

Add to provider

Add to country

Add to favorite

Using the UP or DOWN cursor buttons, select Add to favorite and then press OK.

This will bring up another sub-menu "Add to favorite".

Highlight the Bouquet that you wish the channel to be added to, and press OK.

Note: There is only one at the moment, but eventually there will be a list to choose from.

Repeat 2). - for all the channels that you wish to be within that bouquet, and then press EXIT To return to the Satellites list again.

Repeat 1). - For the next bouquet you wish to assemble, and then 2). - For the Channels you wish to be entered.

If the list within your new bouquet is not in the order you like, then from the channels list, using the UP or DOWN cursor buttons move the channel highlighter to the channel you wish to move.

Press the MENU button and this will bring up an Edit list comprising:

- Lock
- Skip
- Delete
- Insert HD flag
- Rename
- MOVE
- Add to genre
- Add to provider
- Add to country
- Add to favorite

Using the UP or DOWN cursor buttons, select MOVE and then press OK.

This will free that channel to move anywhere in the list.

Using the UP or DOWN cursor buttons, move the channel to the required position and then press OK.

The channel is now fixed in it's new location within the list.

A channel can also be deleted by using the above drop-down menu, and then using the Delete item and the press OK to remove that channel.

How to Change fonts on you Azbox HD

LOADING FONT TO AZBOX HD

You will need a TTF "true type fonts" just google them.

Load on to usb drive, then put it in to USB slot in Azbox.

Press Home button on remote, choose Settings' from Menu, you will see 3 options on screen: update SW, update channel list, change font.

In font option change for USB and press OK. The Azbox will look for the fonts on usb drive. Choose what you want, after you install it reboot.

How are you getting the Azbox to see your pc's hd?

Just go into the File Manager (on the Azbox), and select "Network", and it will pop up your LAN, and list any directories that you have shared on your network (or your computer if you only have the one computer). If you have a video file that the Azbox is capable of playing, just highlight it, and hit the OK button, and it will play. Of course you'll need a network fast enough to play the files, but most people now have a 100Mbps hard wired LAN or a 54 Mbps wireless. I can play up to the ~20 Mbps Azbox recording limit via a wired lan, and can play SD and low to medium bitrate HD over my wireless. To me, it's much easier than transferring the files to the Azbox. Besides lots of programs I've recorded off sat that I have on my computers, I also have a bunch of old TV shows that I bought the DVDs of, and have saved the episodes on my hard drive, and if nothing is on regular TV, I just go into the Azbox file manager, and pull up an old Get Smart, Mork & Mindy, Taxi, Bob Newhart, Gilligan's Island, Batman, etc, etc.

In addition to the video programs, you can do the similar things with photos and music files. If the Azbox HTTP channel thing worked better, you could stream live programming from other tuners to the Azbox too, but the Azbox seems to choke if the bitrate is more than something around 10 Mbps. I can stream live programming at the ~20 Mbps limit via UDP channels, but I don't have a very convenient way of doing that, I have to send the stream to VLC, and have it recode it as UDP, which is a pain.

Does anyone know how to change the blind scan parameters on the Ultra? I can change the first number of the freq. and symbol rate but nothing happens when I try to enter the next numbers?

..... Use the del/back key on your remote.

Does the Azbox ultra have panel on top that comes off so you can install an internal hard drive in it?

... Yes the ultra has a removable panel on top so you can install an internal hard drive.

What the password is for "Data Reset"?

..... "0000" (four zeros)

I can't get The CW Networks to lock at 91°W on the Azbox. How do you enter more than one line of PIDS? The Azbox only displays one line

.....you must add the sid info: 1, 2 & 3 .

After entering the first channel put the sid # as 1, then save it, and then press the text button on remote again to add another channel to the mux.

Will the Ultra record and play back from the internal hard drive ?

..... Yes, It has door on top for easy drive access for installation of SATA drive.

Some channels I am watching have some strange line and bars across the top of the screen, what is going on?

..... Under Settings-Display change the “screen Format” and/or the Display format. On my HDTV I have the screen set to 16:9 and the display set to Pan & Scan for this very reason.

How do you add a west satellite to the Azbox Elite? It usually tries to show up as East and not West ?

..... Once you have typed in the orbital position (i.e 125.0) simply press the > button on the remote and it will adjust the E to W. Then press OK to save.

what is the downside to leaving hardware acceleration turned on?

..... The downside would be if you came across a feed that used some scheme that the developers didn't write a method to pass through the GPU.

Just as an example that's highly unlikely:

Let just say you run across a feed that is transmitted in VC1 (the default codec for Blu-Ray/HD-DVD) instead of MPEG2 or MPEG4.

And (in this example) the Azbox has no software telling how to accelerate this through the GPU.

The system will bog down and stutter as the feed is fed to the GPU only to be rejected and sent back to the CPU for processing. If you were to turn off hardware acceleration you could get a watchable show.

Silly question but how do you know what TP's are not active to be able to delete them?

..... What you should do is to delete them all, active or not. Then go to blind scan and it will scan them all and put the good ones back in.

Can I add a second tuner card to the Az-Elite receiver?

..... No. The Elite receivers do not allow you to add a second tuner card to them.

How do you make a screen capture picture?

.... Press the “check” button on your remote and a screen image will be made. You do need either a hard drive or thumb drive installed to take a screen shot this way. Otherwise you can use Maz to make a screen shot.

**a screen shot of the menus can not be done using the remote; you will need to use Maz.*

To take a screen shot of the menus, open Maz and connect to the Azbox. Press the “Screen Shot” icon on the left side of the screen. Then along the top bar on the left press the camera image and take the screen shot. Once the photo appears in Maz then use the save screen directly to the right of the camera image and save the image to your pc.

To download screen shot images from the Azbox to your pc.

Using Maz Edit:

Connect using Maz to your Azbox.

Now use the FTP feature in Maz... go to

/DATA/hdb1/picture/

Your screen images you took using your remote on the Azbox will now be in the box on the left.

The box to the right is where you are going to send them so if you have your folder made up already highlight the pictures you want to go to your pc and then use the Green right arrow > to FTP the files to your pc.

Firmware download sites for the Azbox:

Direct Download

<http://fw.azupd.nl/>

Download from a mirrored site

<http://fw.azupd.com/>

Download from Russian site

<http://az.evg33.ru/fw/>

Can you turn off an Azbox via the remote?

What happens is if you hit the power button on the remote, it takes you to a menu that gives the options of SLEEP, SHUTDOWN, REBOOT, CANCEL. SLEEP, REBOOT and CANCEL seem to work, however SHUTDOWN takes you into a screen that says it's shutting down, then comes back to a page that says to shutdown now. I.e.. it seems like if you use that option, you still have to get up and manually turn off the switch in the back. I assume that it is just closing down any open files, and/or un-mounting any directories, etc, but I was under the impression that this isn't necessary with newer versions of firmware anyway, and I've never had any issues with using the switch without doing this first. **I believe that the "SHUTDOWN" via the remote only prepares** the system to be powered OFF from the rear switch (just like shutting down a PC), but whereas the PC actually does shut itself down, we still have to hit the power switch on the Azbox.

Linux systems `_CAN_` have a tendency to write to volatile memory, that doesn't go to disk or non-volatile memory until the partitions are un mounted. With some other Linux systems, I have tried to do this manually when shutting down, but I don't really know how necessary it is, because like you, I have never seen a situation where not doing this resulted in problems.

With the Azbox, I seem to remember one of the firmware upgrades that said something like "safe shutdown". It does seem to gain us very little except for the "security blanket" feeling. I have never tried the "SLEEP" function from this menu. I had assumed that it meant "STANDBY MODE" as opposed to a full shutdown. From your experience, it sounds a little quirky. I do use the "REBOOT" quite often (compared to all others listed in that menu). That works really nicely when loading the firmware.

Well, I just tried having both a telnet and ftp session open using the ACC and then was able to upload the list. After searching the A-Z guide, I didn't see this procedure of having both a telnet AND FTP session open in the A-Z pdf manual. Anyway, even though I uploaded (or thought I uploaded) a channel list of 10 channels and 2 satellites, when I went into the Azbox setup menu, I got a box stating that there are 0 (zero) satellites. So, I tried a second time and had success. 2 satellites and 10 channels show up now. What a hassle but I'm glad that I got it figured out now. Now to add in all the other stuff I want. I suppose I can use the Azbox to add sats and then blind scan them and then retrieve the new list with MazEdit and then send them back with ACC all will be well?

****Not everyone has this problem****

I used Azbox edit and added all my satellites from that program. I do not trust the Azbox to add the satellites and wanted to do this task just one time so the editor program made it easier for me.

For my setup I always put in "user Defined" for the LNB type then made sure the LNB Freq was set up (5150 for c-band:: 10750 for ku satellites) along with the DiSEqC

settings if you use them.

Just make sure you add one transponder to each satellite. I used a dummy like 3600000 25000 3/4 H DVB-S QPSK for each satellite then when doing a blind scan I just deleted my dummy transponder settings.

Do not forget to put in the degree settings. If you use Azbox edit or any other program start at one end and work your way to the other. I started from 139.0°W all the way to 5.0°W. See the Az-User guide for more info on this.

I was going through and aligning the arch on cband when I noticed that I was missing a bird. I went to go add the bird in via the remote and the azbox spazed out. Upon rebooting, I was successfully able to read in the bird I was missing and I noticed that the sats I deleted (asian and european) appeared out of no- where in the channel list where they were not before.

I understand what you did, **you didn't use the ACC program to send your files back to the Azbox. This step is necessary** because the ACC program can access the read-only DVBS backup sat file list stored in the DISK1 folder. The ACC program generates a TelNet command that temporarily allows this file to be written to, then writes your new file to it and then sets it to be read only once again. If you do not use the ACC program, the original factory list is still residing in the DISK1 folder. In certain instances, the system accesses this file and when it does, it pulls some of the old data back out and reinstalls it. That is why you witnessed the old European and Asian sats reappearing.

Using the procedure to **North Americanize** your list and primarily using the ACC program to upload your lists to the Azbox prevents this as it overwrites that backup file with your data. **This info is in the A-Z user guide.**

Arrow on Right Hand Side of AZbox Screen - Can it be Deleted?

pressing the resolution button I noticed the display was on the screen on the right Can this > arrow on the TV screen be removed or is it always there?

You will need to re-boot the receiver for this to go away.

You need to go back into your SETTINGS menu for ANTENNA SETUP and the USALS/DiSEqC motor control options. You will have to select the DiSEqC 1.2 motor function and in the COMMAND line, use the ◀ or ▶ arrows to find the option to DELETE LIMITS. When highlighted, press OK, then switch back to USALS (if that was what you were using) and the motor will now move past 58W for you.

This is a quirk of the Azbox. It sometimes likes to set up software limits for the motor travel on its own.

How Do I “North Americanize” my Azbox?

3 programs were used to do the task. All of them are in “**Toolbox Azbox HD 1.2**”

- 1) Maz3 was used to FTP the “all_channel.dat” file from the Azbox to the pc.
 - 2) Azbox Edit was used to do the actual editing
 - 3) Azbox control center ver 1.1
- (I have included a list of individual programs at the end of this file where these programs were uploaded to and have been know to be in good order)**

Using Maz3

Setup your Profile: Name = **Azbox**

IP: = **198.168.x.xxx** (fill in the address to **match your Azbox IP Address.**)

IP set here to make it easier for most people

FTP Port = **21**

Telnet Port = **23**

Login = **root**

Password = **azbox**

(login & password are case sensitive; all lower case)

Under Options

Style = Office 2003 Classic * **again set for your preference***

Language = English **(or whatever you can read)**

Now press the “Connect” button above the profile section.

Then click on “Channel List” over on the left side & then hit the Green down arrow button which is located above the word “Name”.

Your channel list from the Azbox should now appear on the left side in the large box.

Directly to the left of the green down arrow is the “SAVE” button.

What you need to do is to save the channel list to your computer, where you know it is. There will be 3 files saved.

all_channel.dat

antenna_list.dat

DVBS.dat

Once this is saved to your pc, move on to the next step.

Now, make a copy of the folder you downloaded the files to, and save it elsewhere on your computer. This is your backup copy.

Now open AZ Edit (your going to edit the sat list and the unwanted tp’s)

Once Azedit is open go to the “File” button and click on “OPEN”

Now find the **all_channel.dat** file where you just saved it on your hard drive

Highlight it so it appears on the lower part of the box and then hit “open”.

Then click on “**Organize Sat & TP**”

Do not worry if you get a box popping up saying "subscript out of range"

If you have to click on ok to make it go away then do so.

The satellite list is now on the screen in the middle box.

Go all the way to the top using the side bar in the program and highlight the very top one which should be an Eastern Sat. You can tell by looking to the left side of the screen next to the satellite name is the Degree. You do not want any that show “E”.

Now move your mouse over to the delete button under the satellite list and keep deleting. When you get to 169°E, **STOP: Now save the file under the “File” menu.**

Sometimes this program is very tricky and temperamental and crashes every time you reached this point.

To get around it: Follow exactly what is written here, then re-open the file and now instead of deleting the very top satellite go to the 2nd on the list and delete it first, then delete the top satellite name.

Delete every satellite but the very last one.

Once you have only 1 satellite left then add your first one. Now after you have added one satellite: remember to put in 1 tp for each satellite added using AzEdit., then delete the old satellite from the original list. You have now cleaned out all the satellite info from the factory.

If you want to separate your C & KU satellites it is recommended to start at 139°W and work your way to 5°W. Have a printed list handy of each satellite and its location:

So now you’ve reached the point where you have only the western sats on your list. Saved it to your pc **but** just for caution **make sure there is 1 TP on each satellite** you have in your list. Why? Well *we have found that deleting every TP causes the receiver to go crazy and revert to the old files. Leaving one TP under each satellite satisfied the receiver and it has always remained stable doing it this way*

Using Azbox Edit worked fine for this. *Pay attention to satellite settings here when adding satellites or you have to do it on your remote for each satellite after you upload it to your Azbox. Remember to add 1 transponder to each satellite. You must do this! Do NOT add any TP’s from the website in the Az Edit program or you will corrupt your new satellite list.*

For Satellite settings: using az-edit with a system slaved using a 4x1 switch:

LNB: Type = USER DEFINED :: LNB Freq.= 5150 c/band or 10750 ku::

Power = ON :: DiSEq: >set to your specifics, my case was LNB-1 for C and LNB-2 for ku band satellites.

When you have finished your satellite list, then open the program, ACC (**Azbox Control Center**). Go to “Connection” (top right) click on it and set up your connection again using the same info you did for Maz3 near the top of this note.

Add the profile or a new profile here so it will always be there for the future.

There is also a Language setting here under Connections so set it up the first time around here.

Now.... Open the **Tools-2** button

Everything should be setup on this page so DO NOT UNCHECK ANYTHING HERE!

Now Stop for a second and make sure you have the Azbox turned on and connected to your internet. Do not proceed until you have done this!

After you have verified your Azbox is connected now on your pc:

Look on the left side for a button called: **send to Azbox** and click on it. A box will appear asking where your file is, so go to the folder you saved it in and upload the **all_channel.dat** file.

The new channel maps are now being sent to your Azbox and the Azbox will reboot on its own, **do not turn off your Azbox on your own, (manually).**

After the Azbox has rebooted go into your settings using your remote find...

TV Channel:: Tuner A.DVB-S:: Antenna Setup.

Now setup your LNB Frequency and DiSEqC settings if you have it set up on each satellite, when your done, FTP them back to your pc using Maz and your settings will be backed up on your pc.

I found that after I reset the Frequency settings on just a couple of satellites that were not set proper before then after the edit I started over by downloading it to my pc and once I was satisfied all the new changes were there I **use the ACC program to re-send it to the Azbox.** Now the settings are set in both the backup files along with the ones in use. If the box wants to revert back now it is from this starting point.

The trick of all this is the **Azbox control center program.**

Not only will it write the file to the Azbox and reboot, but it also uploads all 3 files in disk 2 and additionally rewrites in disk1 \ disk2 backup file dvbs.dat which the other channel editors do not do. The back up file is what causes all the problems with the satellite list changing back to the factory default on Azbox users. Now your backup file is set for North America and if you done everything written above, you also deleted all those TP's that are no good

How can I reduce the amount of time it takes to do a "Blind-Scan" ?
--

For a Faster blind scan:

In the "Blind Scan" menu, change the "Polarization" to the polarity you want to scan, either Horizontal or Vertical. **Do not use ALL which is the default.**

When scanning I usually only scan 1 polarity at a time, on the KU side **highlight the Maximum Frequency and change it to 12200.** Leave the Minimum at the default on KU.

When scanning **on C-band change the Minimum Frequency to 3600.** Leave the Maximum at the default on C-band.

This will decrease your scanning time and you will not lose any channels since they do not use the frequencies outside those ranges in North America.

If you have the factory default transponders still in your Azbox you want to delete **all but one** from the satellite before performing a blind-scan.

This should greatly reduce the amount of time to perform a blind scan procedure.

How do you perform an update to the Azbox?

Updating your Azbox using a USB Stick.

There are a few occasions where installing a firmware update will revert all your satellites back to factory default but each update is different and not all of them will do this. However, any settings you have made to your Azbox with your fonts and start up logo if you changed them from factory defaults will revert back to factory default.

First download the upgrade file from the internet to your computer.

The file name should have the extension of 'patch.bin'

Now load the file to your USB Stick. (the USB stick should be formatted using the "FAT" file system. I formatted my stick using FAT32)

Turn on your Azbox and go to any channel that you can receive programming on.

Then insert the USB stick into the receiver.

Now hit the 'Home' button on your remote and go to settings:: system info,:: firmware upgrade:: then arrowed from Internet to 'USB'.

Press 'OK' to start the upgrade.

If the Azbox says failed try pressing 'OK' again.

I had to do this twice but on the third time the Azbox saw the file and I pressed ok again and the upgrade menu did come on my Azbox.

The picture may go completely blank for about 15-20 seconds before a blue upgrade screen appears.

While you are in the upgrade screen **DO NOT** power off the receiver.

The receiver will / should reboot on it's own after the upgrade is completed.

When it completes the reboot process the Azbox should come on to the last channel you were on.

After the TV comes on remove the USB stick from the Azbox.

I did notice that my channel's were grayed out but all I needed to do was to go to my channel screen and since I was using the satellite menu of that screen highlighted the satellite I was on and all my channels then came back in white not gray.

I did check and since I had North Americanized my list that did not change and all my settings were the same as before the upgrade.

Now when you go into Settings>System Information, the firmware should show the new firmware number.

If you have changed your Fonts or Boot Logo screen these settings will be undone and your Azbox will return these settings to factory default.

It is strongly advised to disable Hardware Acceleration before upgrading your Azbox. Hardware Acceleration is the main reason why some Azbox HD goes to the Booting... (forever) problem.

Taking the receiver to a lower firmware upgrade number?

It has been noted between using the Ultra and Premium Plus receivers that **if you had performed the procedure to North Americanize your Azbox properly** that you will not have those Eastern satellites come back in your receivers. From firmware updates 0.9.4890 to 0.9.5301 going forward and backwards and using firmware numbers in-between these the Eastern Satellites have not appeared in either receiver. The one thing that was noticed was that going backwards may affect your channel list. Having a backup available and using the ACC program should fix this but there was one rare case this was not happening to one of the testers. But if you go to a lower firmware update the receivers always came up with, "Cannot Find Channel List". Pressing the 'HOME', 'Settings', 'TV Channel', 'Antenna Setup' revealed that the Azbox always reverted to 177°W NSS5 Satellite. This is one that appears to come with each firmware since it was not on the original satellite list. Also going backwards does appear to change some settings that were made previously under the LNB Frequency menu. Not to worry, just remember to arrow back (while in the Antenna Setup) to the satellite you were on during the firmware upgrade or in this case the firmware Downgrade. The TP info should still be in there so now you want to go to 'Advanced Scan' and do a 'TP Search' of the last channel you were on which you know works fine. Once done exit out and view that channel you just scanned in. Now use the ACC program and send your saved satellite/channel list to your Azbox.

Now after the receiver re-boots from sending your satellite/channel list you may notice that the last channel you were on is not what is showing on your receiver, why? The answer is quite simple. **When you last saved your channel list to your computer the channel you were on at that time is the one that the receiver will boot up to.**

In the case of one tester their dish would always try moving to the Hispasat Satellite. Now if they make a newly saved satellite/channel list from another satellite in the middle of the arc that would be their starting point in the future when they send this list to the Azbox. This has been found to be true on most occasions.

Simply going to your channel list you will now find the complete list is now back in your receiver.

Again this is for taking the receiver to a lower firmware number. This does not appear to happen with going to a higher firmware upgrade but it is possible that it could happen on a rare occasion. I would not venture to say it would never happen as this would be misleading.

Remember to make sure your 'Hardware Acceleration' is turned 'OFF'.

The you tube is not working properly on my Azbox, How do I fix it?

The upgrade 0.9.5301 fixes the you-tube problem but creates some other unwanted problems for other users who now must use an older firmware version so they do not create more hassles for their set-up. In this case there was a fix for older firmware updates that corrects the you-tube issue and this can be found near the end of the A-Z users guide pdf file.

Difference between Elite & Premium?

The Premium has wifi connections available, and can take an internal HDD. It also has an external power supply and the remote can be programmed to control your TV. It has an extra USB slot in the front. **The Elite has none of those features.**

The Elite has 2 USB slots in the rear (as does the Premium), uses only an external USB drive, has an internal power supply, and a scaled down remote.

Neither comes with DVB-T, I don't believe the two tuners options are working in the approved software. It's also an additional purchase on top of the standard price. DVB-T is an extra option.

There are users using DVB-S and DVB-T combinations. The reported problems have been with DVB-T and DVB-C combinations.

Are there any disadvantages of the internal power supply as am not worried about the wifi, my router is just under my TV. Just want to be sure before committing to the Elite. I don't intend using remote to control TV either. Already have a 1TB ext HDD

Since the Premium has the ability to have a HDD installed inside, there might be a heat problem if it had a HDD and an internal power supply, so the supply is external. The Elite doesn't have any possibility of that, so it's safe to have the power supply inside.

Is it possible to use a USB flash drive to transfer a movie to the HDD of the Azbox?.

I have found that it is indeed possible and somewhat faster than using FTP.

There is one drawback, but I will save that to the very end.

First I will simply detail the process that I used (which worked on the very first attempt).

I had a store bought DVD that I used SlySoft's AnyDVD and Slysoft's Copy DVD to make a copy of just the main VTS title (just the main movie itself - no fancy menus or alternate languages, etc). So this is just the bare bones of a full length movie. I inserted this copied DVD and an 8GB USB (FAT32) flash drive into my PC and copied the VTS file/s present directly to the USB drive. This required approximately 10 minutes overall time (about 7.5 minutes copy time).

I have also used MacX DVD Ripper and copied a Movie from my DVD collection to my pc. After inserting a FAT32 Formatted USB Stick into my pc I copied the movie to the USB Stick.

After removing the USB drive from the PC, I installed it in my Azbox and opened the FILE MANAGER MENU. I selected USB1 (which was the identifier of my USB flash drive) and located the VTS file. I highlighted the file folder and pressed the MENU button. Then selected CUT and after a short pause, the Azbox indicated that the file folder had been selected for CUT.

NOTE* You can also select 'COPY' ** See Note Below*

I then backed out of the USB1 file/drive and (while still in the FILE MANAGER MENU) selected my MOVIE files on the HDD. Since I have multiple categories for movie genres here, I picked the genre folder that I wanted to install the movie in. I highlighted the title of that genre category and pressed OK to open that folder to view all the other movie titles within.

I then pressed the 'MENU' button and highlighted 'PASTE' and clicked 'OK'.

The movie was transferred to that genre's folder in approximately 13 minutes. The movie title was listed as video_ts as that is the way it was on my original disc. I highlighted the file and CHECKMARKED it and pressed MENU and RENAMED it to the full title.

I exited the FILE MANAGER MENU and went to the MOVIE MENU and located that genre and the movie I had just installed there. Check marked the box to the left of that movie's main folder and pressed ok.

The movie played video and audio just fine.

It does appear to require approximately 4 minutes transferring time for each 1 GB of data from the USB to the Azbox HDD.

The total time to take the movie from DVD (just the main title) to Azbox HDD using USB flash memory drive ~ 25 minutes total.

Remember that I said there was a drawback. Here it is. While in the FILE MANAGER MENU to execute this process on the Azbox, you cannot do anything else with the Azbox. You have to wait until the movie is transferred from the USB drive to the HDD.

This is opposed to FTP'ing the movie over to the Azbox, during which time you may watch another movie already on the HDD or watch satellite TV channels (and change satellites and channels) at whim.

****Note ****

There are some issues (not problems) but, things that I knew ahead of time that you want to be aware of. Such as using CUT and PASTE as opposed to COPY and PASTE while in the Azbox File Manager. This appears to cut the time in half.

When you use the "CUT" option, it does actually "CUT" the movie and remove it from the USB flash Drive.

The copy feature does not remove the movie from the USB flash drive.

An additional way of doing the procedure outlined above.

Now if you want the movie in a specifically name directory you can use Maz Editor.

Do this before you insert the USB Stick into your Azbox.

Open Maz editor and connect to the Azbox.

Then go to the FTP box in Maz and [click on it](#).

[Now you need to locate the place you are going to make the new directory.](#)

Once connected to the Azbox find the folder named 'Data' click on it, then click on the folder named 'hdb1', then the folder named 'Movie'. This brings you to the Movie folder in your Azbox, now looking at your Maz screen, the top left side you will see a box showing (ASCII) directly to the right of this box the 3rd icon is where you make the new directory/folder for the new movie to reside in. Once you click on this icon a pop up box appears on your screen for you to type in the new name you wish to appear on your Azbox movie folder.

After you type in the name you want press 'OK'.

Now insert the USB flash drive into your Azbox.

[Press the Home button](#) on your remote, arrow to [File Manager](#) and press [enter](#).

Now go to the USB which should be highlighted on the left side of your tv screen, Check mark the movie you want to cut or copy to the Movie folder then press the 'Menu' button on your remote and either cut or copy the movie.

Once this is done go to the Movie folder and paste the Movie into the new directory you made using Maz.

Again using this procedure you will not be able to change channels or watch the TV with the Azbox. The upside is that this will cut out the extra time it takes if you use the FTP method of transferring a Movie to your hard drive in the Azbox.

The AZbox Guide Stores Channels in Alphabetical Order, Can this Be Changed?

Scanned in 99.0°W in my DISEqC 1.2 setup and found my channel list really different. At first I was confused but then I figured it out. It seems the Azbox arranges **ALL** the Channels in **Alphabetical order**! So all 363 channels I have scanned in are arranged in alphabetical order, that is 97.0°W's 274 channels are **mixed in** with 99.0°W's Channels. Since I didn't know where all the channels were, I found the Dish constantly driving Back and forth from 99.0°W to 97.0°W. That's okay but it was a bit annoying.

My question: Is there a way to have the AzBox store the Channels on the Guide in a numbered block via each new Satellite scanned in rather than arrange them in Alphabetical Order? The way I'm used to is say you scan in one Sat and get 200 channels, then the next Sat you scan in is from 201 to 250, so you know the 2nd Sat is from 201 to 250 but when its done alphabetically, all bets are off unless you know each channel very well!

When viewing a program or have the az box on, hit the "OK" button.

The channel guide comes on listing all your channels.

While in this section; if you hit the Red button on your remote, (SUB-T) it will list all the channels by alphabet.

If you hit the green button on your remote (text) the channels will list by Frequency.

If you hit the Yellow button on your remote (LANG) the listing returns to default.

Alphabet = Red

Frequency = Green

Default = Orange.

Each time I hit the ok button I'm in the All Channel Menu screen, I can check the ones I want to move to FAV but how do I get to the FAV menu.

The "ALL" is highlighted in blue and I have yet to figure how to move this designator to the others on the top line there.

While in the channel screen hit the exit button once and it takes you to the top screen to move between, ALL, Satellite. FAV. ect...

Can anyone let me know or point me to a resource on how to get the Azbox to stream video over the network? If I tune in the feed and select the menu button and go to streaming it works, however I'm not sure how to tune it in on VLC?

I go to Media, Streaming, Network and enter the IP address but nothing happens?

In order for streaming to work you must have a hard drive installed. I have an internal drive, not sure if a USB drive will work but I suspect it will.

In the Azbox streaming menu, set the ip address to the computer you want to stream to on your network. The port number can be left at 9000.

Now, go to the computer that you want to receive the stream, open VLC, and select "open network stream" from the file menu. Choose UDP as the stream type, enter your ip address, and set the port to 9000. That's it - you should have video in a few seconds.

I have an AZ Ultra so it is hard wired to my router. I stream TV to my laptop, which is wireless, and it works really well. You may have to tinker with the video settings in VLC while the stream is playing to get the best picture.

I was not aware that you needed a hard drive on the Azbox to stream to other computers on the network.

In any event, when I open VLC and select "open network stream" I do not have an option to select UDP as the stream type or set the port to 9000. All I have is a box that says "Please enter a Network URL."

Any idea why this might be? I am using version 1.1.5 of VLC, which says it is the latest.

You have a newer version than what I am using - I have 1.06. I am using VLC on a linux system so the version numbers may be different if you are using windows.

When you select "open network stream" there should be an option to the left of the ip address that says "protocol". It's a drop down box and one of the options is udp. I'll check it out on a windows machine and see if the menus are different.

... Wow, this is interesting. I tried VLC on winxp and found the menu to be the same as on my linux box. Then I noticed that my windows VLC version was older so I updated it. The menu changed completely and no longer has the protocol box. However, there is an easy fix. Enter the url like this:

udp://xxx.xxx.xxx.xxx:9000 (replace the x's with your ip address)

Do I understand correctly ? I would need an external hard drive hooked up to my Elite in order to stream content from the Azbox to other PCs?

Yes, you do need a hard drive for streaming to work. I suppose it needs someplace to cache data as it streams. I haven't bothered to research the details, but I know it won't work without a hard drive - I tried.

Also, you can only stream to one computer at a time. You have to set the ip address in the Azbox to the computer you want to stream to.

What are the directions for IPTV?

You must use http_streams file to add the IPTV channels

Send them in to the expected location (It is /DISK2/http_streams.txt), then reboot. They will show up in channel list as IPTV

You ftp into the Azbox, in the tree structure find the directory /DISK2, get into it, and send the file in.

Nothing else to do, just reboot the Azbox, forget about the USB stick.

There is no way to copy the http_streams.txt file to the disk2 location from the USB drive. You need to use an ftp program to transfer it from your pc to the Azbox.

The Azbox is not a simple unit. Download the http_streams.txt file to your pc's desktop. Then you need to make sure the ftp service is enabled on the Azbox. Next you will need to download a client such as Filezilla or maz3.0. Connect to the Azbox with the above client software and transfer the streams file to the disk2 directory on the Azbox and reboot.

Once you reboot you will have an IP_CHANNELS in your channel manager (where your scanned channels are (press OK while watching TV)). It appears under the satellite group.

The Azbox is not going to show you the http_streams.txt file anywhere, what it does is read the file when it reboots and adds the channels in it under a new Sat called IP_CHANNELS.

***If it's not a .txt file exactly named http_streams it will not be read!**

If you open http_streams.txt with notepad it has entries like this:

1,BBC1,512,http://cctv.ws/7/BBC1

1 is the channel number, BBC1 is the channel name, 512 is the buffer size, the last part is the internet location.

You can make your own file by copy/pasting the red entry above to notepad and saving it as http_streams (default text) and after transfer/reboot would end up with one ip channel.

Does the EPG (Guide) work on the Azbox?

No ! The EPG does not work on FTA satellite signals in North America. There have been some reports of people getting it to work on certain satellite cable systems, but for FTA reception in N.A. it will not work.

Does the CC work in the Azbox?

Close Captioning again using FTA in North America **does not work** on the Azbox.

How Do I view a recorded program? I get a “not supported error”.

If you have recorded a program by pressing the **Red Record** button via the remote, then when you're finished and want to watch that program again, **press the Menu button** and arrow down to “**Recorded Program**” and a list will appear. Check mark the one you want to watch and press “**OK**”.

****If you have transferred movies to your hard drive, to view them press the “Home” button, arrow over to file manager, click on the one you want to watch, press OK. If when under this screen you try viewing “TV Record” you may see the not supported screen. This is when you need to use the directions above.**

How are you getting the Azbox to see your pc's hd?

Just go into the File Manager (on the Azbox), and select "Network", and it will pop up your LAN, and list any directories that you have shared on your network (or your computer if you only have the one computer). If you have a video file that the Azbox is capable of playing, just highlight it, and hit the OK button, and it will play. Of course you'll need a network fast enough to play the files, but most people now have a 100Mbps hard wired LAN or a 54 Mbps wireless. I can play up to the ~20 Mbps Azbox recording limit via a wired lan, and can play SD and low to medium bitrate HD over my wireless. To me, it's much easier than transferring the files to the Azbox. Besides lots of programs I've recorded off sat that I have on my computers, I also have a bunch of old TV shows that I bought the DVDs of, and have saved the episodes on my hard drive, and if nothing is on regular TV, I just go into the Azbox file manager, and pull up an old Get Smart, Mork & Mindy, Taxi, Bob Newhart, Gilligan's Island, Batman, etc, etc. In addition to the video programs, you can do the similar things with photos and music files. If the Azbox HTTP channel thing worked better, you could stream live programming from other tuners to the Azbox too, but the Azbox seems to choke if the bitrate is more than something around 10 Mbps. I can stream live programming at the ~20 Mbps limit via UDP channels, but I don't have a very convenient way of doing that, I have to send the stream to VLC, and have it recode it as UDP, which is a pain.

Does anyone know how to change the blind scan parameters on the Ultra? I can change the first number of the freq. and symbol rate but nothing happens when I try to enter the next numbers?

..... Use the del/back key on your remote.

Does the Azbox ultra have panel on top that comes off so you can install an internal hard drive in it?

... Yes the ultra has removable panel on top so you can install an internal hard drive.

Tips:

When in the TV mode press the OK button twice for the channel guide to appear.

While viewing a program press the “Del/Back” button and a pop up box will appear on your screen showing you the last few channels viewed. Use the arrow key to highlight one and hit ok, takes you back to the previously viewed channel. Nice way to go back to a channel you wanted to watch earlier.

The Elite Azbox remote is identical to the Azbox Ultra.
The Azbox Elite is no longer available, it was the basic model.

The Azbox Premium adds wireless networking, and internal Sata drive cable to Elite, but has poor blind scan.

The Azbox Premium Plus has hardware blind scan, wireless networking, room for an expansion card (but there are none available for North America, unless you get another DVB-S/S2 card). Room for internal Hard drive with SATA drive cable, (HD not included) Front panel display and key functions.

The Azbox Ultra, which is actually more basic than the Premium Plus, and replaced the Elite. It has true blind scan, external (USB2) hard drive attachment, no front panel display, setup for wired ip.

The Azbox won't store a new transponder's info if it is close in frequency to an existing one in your list.

For Faster Blind scan.

First delete all the stored transponders on the satellite you're going to scan.

You could keep the active ones but get rid of everything else. Remember.....

The Azbox won't store a new transponder's info if it is close in frequency to an existing one in your list.

If you are using a standard LNB, set the maximum scan frequency to 12200 then set the step rate to 4000 KHz.

Change the minimum SR to 2500 instead of 1000. This will dramatically reduce the time spent doing a blind scan.

You should now be able to blind scan on the Ultra in about 10-12 minutes instead of 20 minutes. You might miss some really low SR feeds, but it is much faster then it was.

Tips:

I have been playing with this new 3877 firmware. I do not notice if it has happened with the earlier versions, but this one seems to try to default to PAL every chance it gets, so please be aware of it. It happened once when I tried an AC restart, and just now again when I performed a Data Reset using the "Factory setting".

If you have a PAL capable display, no harm done. But for those of you with no PAL capability, you will not be able to see clearly enough to navigate the menus enough to recover to our NTSC standard. This would result in a rapid vertically rolling picture. To recover, you will be forced to resort to our old "blind man's bluff" method.

- 1.) Press the Home button if you are not already in the Setup menu.
- 2.) Press left arrow once to get to the Setup menu if needed.
- 3.) Press OK to bring up the menu. It takes about 2 or 3 seconds for the menu to change, so be patient.
- 4.) Press down arrow six times to get to the Display choice.
- 5.) Press OK and then right once to get to the Display menu.
- 6.) Press down arrow once to get to the Video Format, and then right arrow once to get back into NTSC. You should now be able to temporarily see the menu, but within maybe 10 seconds it will revert to PAL. Just toggle the change (PAL vs. NTSC), and then left arrow once to save your choice.

[If your Azbox is connected directly to your internet router with a reasonably fast connection, check out the following.](#) There are 4 Russian channels viewable. This works with the new 3877 version, I am not certain of the earlier versions since I have it on those.

Press Home and then choose Setup.

Go down to TV Channel and press OK.

Right arrow to IP Channel.

Press OK, and then set the Protocol line to HTTP using the right arrow key.

Go down one line to the TV Type and then right arrow once from the Normal choice to instead read kartina.tv. You do not need to type anything in here, it is appearing directly on the menu by itself. The other fields such as Address, Buffer Size, Username and Password are already set to default for this signal.

Select Save and press OK when you are done. The receiver will connect to the internet and it indicate that 4 channels were found.

Press the exit button twice and then right arrow once and then press OK to get back into the TV section.

This in effect adds you another "satellite". While in your normal viewing position; press **OK** to bring up the "Channel Selection" screen. Press **exit** once and then move the heading to the SATELLITE setting. You should see your current programmed satellites as before, but you should now have an additional one named "IP Channel". If you are not able to find this channel, you may need to perform an AC reset (toggle the rear panel power switch off a few seconds and then back on). This is where I first had my first PAL incident, so be aware.

Once you have an "IP Channel" satellite choice, you should see the 4 channels under that satellite. My four viewable channels did not appear until after I had performed a "Factory Reset", which again defaulted into PAL, but after getting back into NTSC mode I was able to view the channels. If using a factory reset, you will lose all of your existing sats and channels. And after the master reset, I still had no IP_CHANNEL satellite, but after an AC reset, it was then usable.

My internet access is not the fastest, so my video goes in and out, and sometimes does not view at all (black screen). But when it does, the video quality is surprisingly good. Patience is a virtue here.

The IP address on an AZ is displayed in "Settings" "System Information" screen menu and also in the "Internet" menu. It will be a number like this: "192.168.0.xxx with the x's being assigned by your DHCP server. If you're doing an "adhoc" network deal then those numbers will be 169.254.0.xxx.

If you have a router that you are connecting your AZ to then it will automatically assign an IP address to it that will appear in both those places.

About IPTV; how about IPTV from satellite. I tried playing around with that the other day with a known satellite IPTV business tv service but I didn't have any luck because some places to put some parameters were missing.

I've concluded for the AZBOX, IPTV only works with internet IPTV and lacks enough data inputs to be able to take a satellite IPTV stream and display it.

I understand that some people have specific expectations from any receiver they buy, and won't be happy if a receiver won't do what they want, but other people have different expectations. ALL receivers have their good points and problem areas. Anyone looking for a receiver should consider both good and bad, and evaluate the importance of both based on the way they intend to use the receiver. Basically, I don't think that the Azbox deserves the negative press it has received.

Relative to the changing channel format and problems encountered when changing firmware versions, I think that it is true that there has been ONE relatively recent change in format, however it never affected me. I think the error in the original scenario is going forward and backward in firmware versions. I think it's really asking a LOT of any computerized device to go backwards in firmware, and expect it to understand changes made in future versions. Generally when changes are made in computerized devices, the new versions can be expected to understand old info, but it's not reasonable to expect old versions to understand new info.

So basically, if you revert to an older Azbox firmware, I would recommend re-formatting the application area, and then put back the 3 .dat files you were using with that older version, and you won't have any problems. Going forward in firmware, you generally won't have any problems, as long as you replace all three .dat files.

When problems DO occur, I have generally been able to get things working again by replacing the DVBS.dat file. This is because the Azbox saves a backup copy of the DVBS.dat file, and if whenever it detects a problem, it runs home to it's backup copy, and this backup is often not compatible with changes made to sat/channel/transponder lists. So I recommend making routine copies of the 3 .dat files, and if problems occur, first try replacing the DVBS.dat file. Nine out of ten times that will fix things.

I've upgraded my Azbox up through about 5 different versions of firmware, and am now using the most recent firmware version, and haven't encountered the many problems that people are posting about, and I'm convinced that the problems are often caused by the jumping around from firmware to firmware, and/or having corrupted channel/sat data and moving that corrupted data along with the firmware changes. I had all sorts of problems when I first got my Azbox, because it came with corrupted sat data. Once I was able to purge the corrupted sat data, and start over from scratch, I have had very few problems.

Keep an eye on the file size of the DVBS.dat file. If you have edited out all the extraneous sats, the size of that file should be down in the 50-100K range. If the Azbox has had a problem, and reverted to the backup file, the file size will be up around 1600-1700 K. If you see the big file in there, I immediately replace it, and reboot.

As a disclaimer, I do pretty much use my Azbox slaved. Some of the problems people have reported involve some of the diseqC-1.2/USALS functions, which I don't use, so it's possible that I wouldn't be quite so happy with my Az if I were controlling a couple dishes with it. However I've tried to reproduce some of the issues people have reported, and so far haven't been able to. So I really think that it is possible that many if not most of the problems people have reported, are due to the way people are using the receiver.

I'm not saying the Ultra's blind scan is perfect, but it IS better if you delete excess stored transponders and tweak the scan settings. I have been scanning with the minimum SR set to 2000 now and I'm still getting good (better) scan times of about 12-14mins. It really depends on the satellite. I've been testing 97W and 101W the most tonight. 105W for some reason took longer like 17min. But this has been a big improvement over the 20-23mins I was getting before.

It is probably a combination of changing the minimum SR and deleting all the excess transponders. My 20-23 min scans before already included setting the minimum freq to 12200MHz.

This procedure will allow you **to completely clean your Azbox Receiver.**

All configuration, plug-ins and firmware will be lost.
So use it with caution and follow it carefully.

When do you need to use this procedure?

- If you feel that your Azbox no longer works properly and behaves totally at random.
- Problems with plug ins
- If you have a bug that nobody else experience or can reproduce

Pre-requisite:

DO NOT SKIP THIS PART.

- Download the latest firmware with Firefox from <http://fw.azupd.com>
- Check the MD5 signature
- Rename the file to **patch.bin** and nothing else (so azbox-0.9.5020-patch.bin is not a valid name it should be renamed to patch.bin, so suppress "azbox-0.9.5020-").
- Format an USB key to FAT file system
- Copy the file patch.bin to the newly formatted USB key
- Power off your Azbox
- Connect the USB key
- Restart your Azbox
- In the upgrade screen select 1 - upgrade USB (the firmware you copy on the USB should be detected and installed).
- This process should end normally during the countdown remove the USB key.
- Your Azbox will restart with the firmware you select.

Clean-up

- Please DO NOT SKIP PRE-REQUISITE!!!

- Enable Telnet server on your Azbox (11. Setup - Network Services - Telnet server : Enabled).
- Connect to your Azbox IP address with a telnet client
- Type the following command

Code: [Select]

```
mount -o remount,rw -t ext3 /dev/hda1 /MMP
rm -rf /PLUGINS
rm -rf /DISK2
rm -rf /MMP
sync
```

You will probably read some error messages, don't care about this.

- Power off your Azbox (switch off) (if you press the power key on the RCU the end menu will no longer appears since we just deleted it).

- Put the USB key that we prepare in pre-requisite in the Azbox USB slot.
- Power on your Azbox

On the upgrade screen select:

4 - Format application Area

Followed by:

1 - upgrade USB

Let the upgrade process run (DO NOT POWER OFF your Azbox during this process)
and wait for the final countdown and remove the USB key.

If you miss the final countdown at the Azbox reboot select 5 - Continue without upgrade.

Your Azbox is now brand new with a fresh firmware without any old stuff on it.

Then you will need to reconfigure all your Azbox like you first power it up.

Use this guide to copy and edit the Patch of your choice on the USB Stick:

Ensure your USB stick is FAT or FAT32 formatted.

The update files are initially named similar to this - **azbox-0.9.4283-patch.bin**

Copy the file to your USB stick.

Rename the file to read - **patch.bin** i.e. by removing the characters - **azbox-0.9.4283-**

Right click the file, select "**Properties**" and then select the "**General**" page the file should read only - **patch**

On the "**Details**" page and the "**file name**" should read - **patch.bin**

Power UP the Receiver with the updated USB stick Inserted.

Choose **1.USB** - The receiver will then search for a valid patch.

When found will give details of Your Version on the Receiver, and the Patch version. Also asks if you want to update. - **Press OK**.

The patch file is then extracted, with details of the progress shown on the TV screen. **Also there is also a warning: DO NOT POWER OFF.**

After the patch is loaded, the Receiver will reboot itself, returning to the Upgrade menu.

Choose **5. Boot without update.**

When the Receiver is rebooted, remove the USB stick.

How to load **USB Patch** from the Front Panel.

Switch ON your Azbox with the updated USB Stick Connected.

The Azbox will Reboot and the Front Panel Screen will eventually display: **UPDATE: USB.**

On the front panel **press the OK** button.

The Front Panel will display: **USB FOUND** and then **PATCH OK?**

On the front panel **press the OK** button.

The Front Panel will display in sequence:

**EXTRACTING,
UPGRADING,
[1/4] 0-100%,
[2/4] 0-100%,
[3/4] 0-100%,
[4/4] 0-100%,
REBOOTING.**

Front Panel Screen will eventually display: **UPDATE: USB.**

Press the DOWN button.

The Front Panel will display: **UPDATE NET.**

Press the DOWN button.

The Front Panel will display: **UPDATE OTA.**

Press the DOWN button.

The Front Panel will display: **FORMAT APPS.**

Press the DOWN button.

The Front Panel will display: **BOOT NOW.**

Press the OK button.

The Azbox will now reboot with the Updated Patch.

Remove the USB stick and then commence the Set-up from your TV screen and your Remote Controller.

Returning a hung system to normal

This is the procedure used to return the Receiver to normal:

Have the TV connected via the HDMI or SCART cable.

Power UP the Receiver with the USB stick (loaded with the latest Patch) on it.

Firmware on USB Stick should have 1 file on it labeled (patch.bin)

From the Upgrade menu, choose: 4. Format application area. - This action removes the corrupt software.

When the message "Formatting: done" is on the screen, Press the EXIT key to return to menu.

Choose 1.USB - The receiver will then search for a valid patch.

When found it will give details of Your Version on the Receiver, and the Patch version. Also it asks if you want to update, - press OK.

The patch file is then extracted, with details of the progress shown on the TV screen.

Also there is also a warning: **DO NOT POWER OFF.**

After the patch is loaded, the Receiver will reboot itself, returning to the Upgrade menu.

Choose 5. Boot without update.

When the Receiver is rebooted, remove the USB stick.

You can now Setup the receiver again from scratch.

(See instructions from AZ-guide below: pages 7-8 instructions # 14 thru # 27)

After Re-Establishing the Internet Connection within the Setup menu, also check the Network Service screen, be sure that the FTP Server and the Telnet Server are both enabled.

With the FTP Server disabled, you can **not** use the FileZilla or Maz utility.

If your receiver does not have a Front Panel Display see directions on page 1.

Instructions copied from the A-Z Guide found on pages 7-8

14] The first item you need to contend with is not having any display on the TV. This is because the system has reverted to factory defaults and unless your TV and entertainment center matches these defaults, you will have no picture/video to view.

15] First step to recover from this is to reset our resolution settings. Observe the front panel display of the Azbox Premium Plus. It should say "SETTINGS".

16] Press the remote button labeled "resolution" once. The FPD (front panel display) on the Azbox Premium Plus should say COMPOSITE.

17] Press the < or > arrow buttons to navigate between the output video connections that

will be used. Your choices are: COMPOSITE, COMPONENT, SCART and HDMI. Stop on the option that you are going to use and press OK.

18] Once you have selected the output type in step #17 you will be prompted to select either PAL or NTSC. The display should default to PAL, but press the < or > buttons on the remote and you may toggle between these two selections. Select the one that is appropriate for your setup and press OK.

19] Select NTSC and pressed OK. Now you have new options for your resolution.

Pressing "home" on the remote then left arrow 1 time (<) to settings then hit "OK" arrow down to "display" and then hit "ok" to get to this screen.

20] 480p, 720p, 1080i and 1080p. Stop on 1080i if that fits your TV format and press OK. Now the "settings" menu appears on your TV screen. Select what resolution is appropriate for your own equipment.

21] Now, you have a bunch of items to reset as all have been reset to factory default selections. Simply go down the list as it is presented.

22] Language/Time: The language for all parameters default to ENGLISH, so you don't need to adjust them if you want English, but the time is incorrect.

23] TIME: use the > button to navigate over to the selection area and the up/down arrow buttons to navigate to the selection you wish to adjust.

24] Highlight the DATE STYLE and change this to "AMERICAN".

25] Highlight the TIME STYLE and change it to "24 hour format". You select which you like to use best.

26] Scroll down to TIME OFFSET and set it to GMT -6.00 hours (which will be correct for central time zone). Set this to correctly reflect your time.

27] Scroll down to Daylight Saving Time" and select NO as this is now standard time here and not DST. Again set this to reflect what is now current for you.

Links

Acc_version-1: az control center 1st version stand-alone program.

<https://sites.google.com/site/azboxtools/acc-version-1-zip-file>

Acc_version1.1:: this is the 2nd version of the az control center.

https://sites.google.com/site/azboxtools/acc_ver_1-1

Maz3.1: This will most likely update to the latest version once installed, and is a useful tool for the Azbox.

<https://sites.google.com/site/azboxtools/maz3-1>

Azedit: another useful editor for the Azbox.

<https://sites.google.com/site/azboxtools/azedit9-2880a>

Az_guide : useful guide and explanation of many things about the Azbox that was left out of the original manual.

<https://sites.google.com/site/azboxtools/manuals>

File-zilla: great tool for use with the ftp feature with the Azbox.

<https://sites.google.com/site/azboxtools/filezilla3-3-4-1>

Streaming: a nifty very small tool used in conjunction with vlc program for streaming the Azbox. See user guide for more details.

<https://sites.google.com/site/azboxtools/streamingazbox>

Complete Western satellite & channel list loaded for Azbox, setup for slaved az using 4x1 DiSEqC switch using line 1 for c & line 2 for ku.

https://sites.google.com/site/azboxtools/complete_n-a_satellite_channel_list

How To Recover an Azbox that only displays “BOOTING” pdf file.

<https://sites.google.com/site/azboxtools/manuals>

Original Azbox manual from Manufacturer

<https://sites.google.com/site/azboxtools/manuals>

You-Tube Fix for firmware versions up to 0.9.5020

https://sites.google.com/site/azboxtools/you_tube_fix-older-fw-versions

All items should be used at your discretion: use the Az-guide link for more answers to questions. Files are posted here since there has been some difficulty in locating decent programs elsewhere. All Utility programs have worked for me.

Here is a sample of the settings in the Azbox these need to be re-configured if you format the application area so once your set-up you should keep a note on your specific settings to get your receiver up and running without hassles.

Settings

IP : 192.168.1.101
Hardware Acceleration : OFF
Fan Control : ON
Firmware Upgrade : Internet
Channel Download : Internet
Font Setup: System Font
Back-up / Restore : Channel

Language/Time settings

Menu : English
Audio: English
Sub audio : English
Subtitle: English
Movie Subtitle: English
Auto Synchronize : Internet
Time :
Date Style : American Style
Time Style : AM/PM
Time Offset: GMT -05:00
Daylight saving time: No

INTERNET Settings:

Network: * Wi-Fi
IP Setting: * Static IP
IP Address : 192.168.1.101
Subnet : 255.255.255.0
Gateway: 192.168.1.1
DNS1: 192.168.1.1
DNS 2 : 192.168.1.1

NETWORK SERVICE :

SSHD : Enabled
FTP Server: Enabled
File Server: Enabled
Dynamic DNS: Enabled
Telnet Server: Enabled

Display:

Video Output : [HDMI](#)
Video format: [NTSC](#)
Video Resolution : [1080i](#)
Screen Format : [4:3](#)
Display Format : [Fullscreen](#)
Display Format Movie : [Fullscreen](#)
SCART Option: [N/A](#)
RF Channel Number : [21](#)
RF Audio Type : [B,G 5.5Mhz](#)
Menu Transparency : [10](#)

AUDIO settings

Default Audio Format : [Off](#)
Dolby Digital : [PCM](#)
DTS: [PCM](#)
AAC: [PCM](#)
Other: [PCM](#)
Dolby Digital Mode: [Line Mode](#)

Parental control settings:

Menu Lock Feature: [Disabled](#)
Age Rating control: [Off](#)
Age Limit: [0](#)
Control duration: [No Timer](#)

Banners/Screen Settings:

Using --- [Tune-AZ](#)
Banner Info = [Halo Azul](#)
Channel List = [Negro Azul](#)
Start Screen = [Azbox Full HD](#)

You-Tube Fix: for earlier firmware versions before 0.9.5209

Use [Maz](#): Click [Telnet](#): [Tool Script-Drop down box](#), enable [write in MMP](#) click on [FTP](#).
FTP “[Youtube_player](#)” to [/MMP/USR/BIN/](#)
FTP “[TVMyoutube.so](#)” to [/MMP/USR/LIB/](#)
[CHMOD](#) to [755](#) & [Reboot](#)

The information gathered together in this file has come from various sources. The questions have been asked time and time again by people who own the Azbox Satellite Receivers and bringing it all together in one place has made it much easier for everyone involved. I first put the question and answers in the A-Z Guide and people told me that it was the best thing I could have done, especially the new users who had no idea about the receiver. This guide quickly expanded from 5 pages to over 30 pages of information that covers a good deal of information.

Remember this is a hobby so enjoy and give back to others by helping out when they need it.

Stargaze (March. 2011)