

# How to RS232 an Amiko Mini Combo

## Tools:

In order to RS232 our satellite receiver we will need to use an RS232 receiver, the brand you will need is "StarTech.com 1 Port FTDI USB to Serial RS232 Adapter Cable with COM Retention" you may have one of these lying around or you can buy one from this link here:



[http://www.ebuyer.com/265987-startech-com-1-port-ftdi-usb-to-serial-rs232-adapter-cable-with-com-icusb2321f?mkwid=spCfwHAjG\\_dc&pcrid=51508047059&pkw=&pmt=&gclid=CLzfnrSo384CFU2eGwodGiULBQ](http://www.ebuyer.com/265987-startech-com-1-port-ftdi-usb-to-serial-rs232-adapter-cable-with-com-icusb2321f?mkwid=spCfwHAjG_dc&pcrid=51508047059&pkw=&pmt=&gclid=CLzfnrSo384CFU2eGwodGiULBQ)

The first thing you will need to do is download our bootloader tool, this will overwrite any firmware which is already on the receiver and write it with the correct receiver to make it work again.

## Often repaired issues via RS232:

- No picture from HDMI
- IDENT ERROR
- Rebooting issues
- (Occasionally) Signal issues

## So, what first?

We will need to download the bootloader firmware (this is the recovery tool we are going to use)

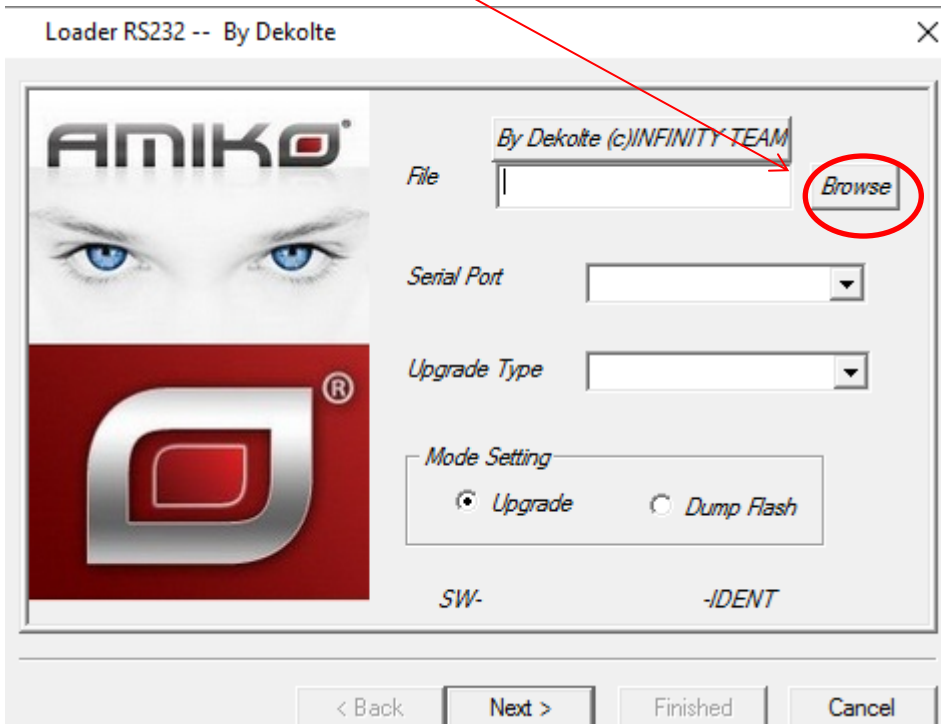
You can download this from here:

<http://www.mediafire.com/download/jyjh2aa8ga7549w/Make+Alive+My+STB%27s+%28chip+3612%29+--+By+Dekolte.rar>

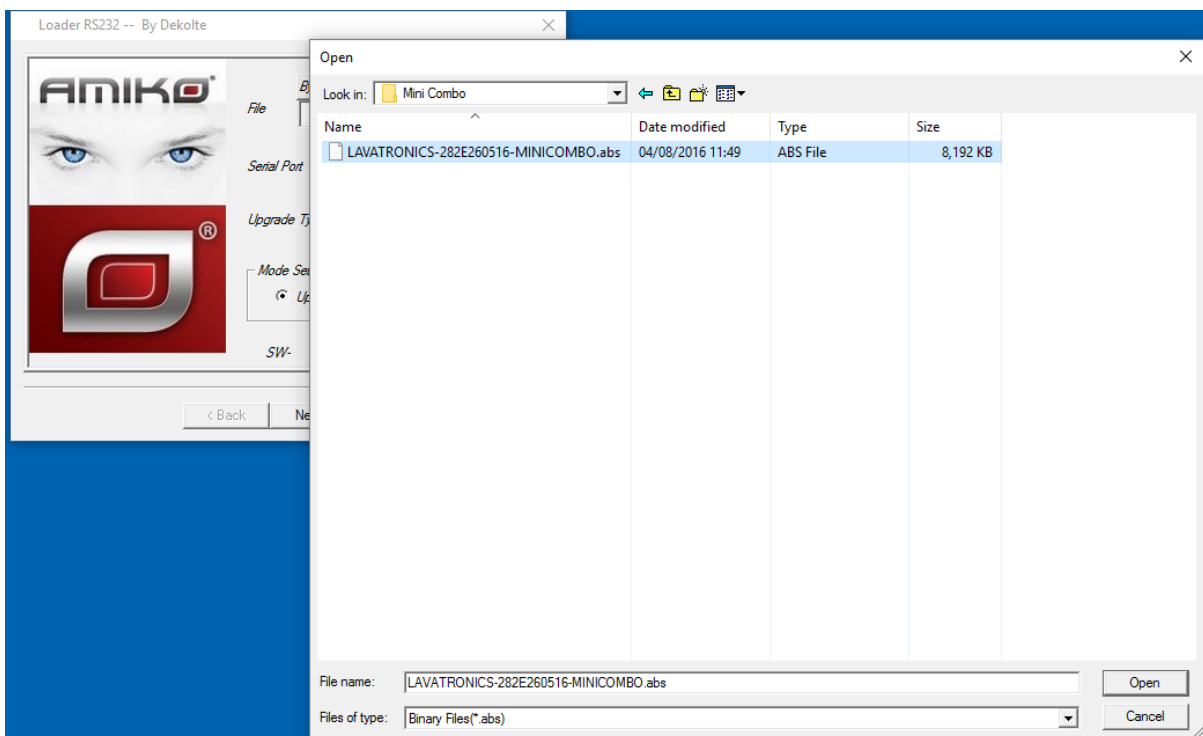
This is the 3612 bootloader for the Amiko Mini Combo range (this is the number of the chipset for the Amiko Mini Combo)

So, we will need to open that firmware once it has been downloaded.

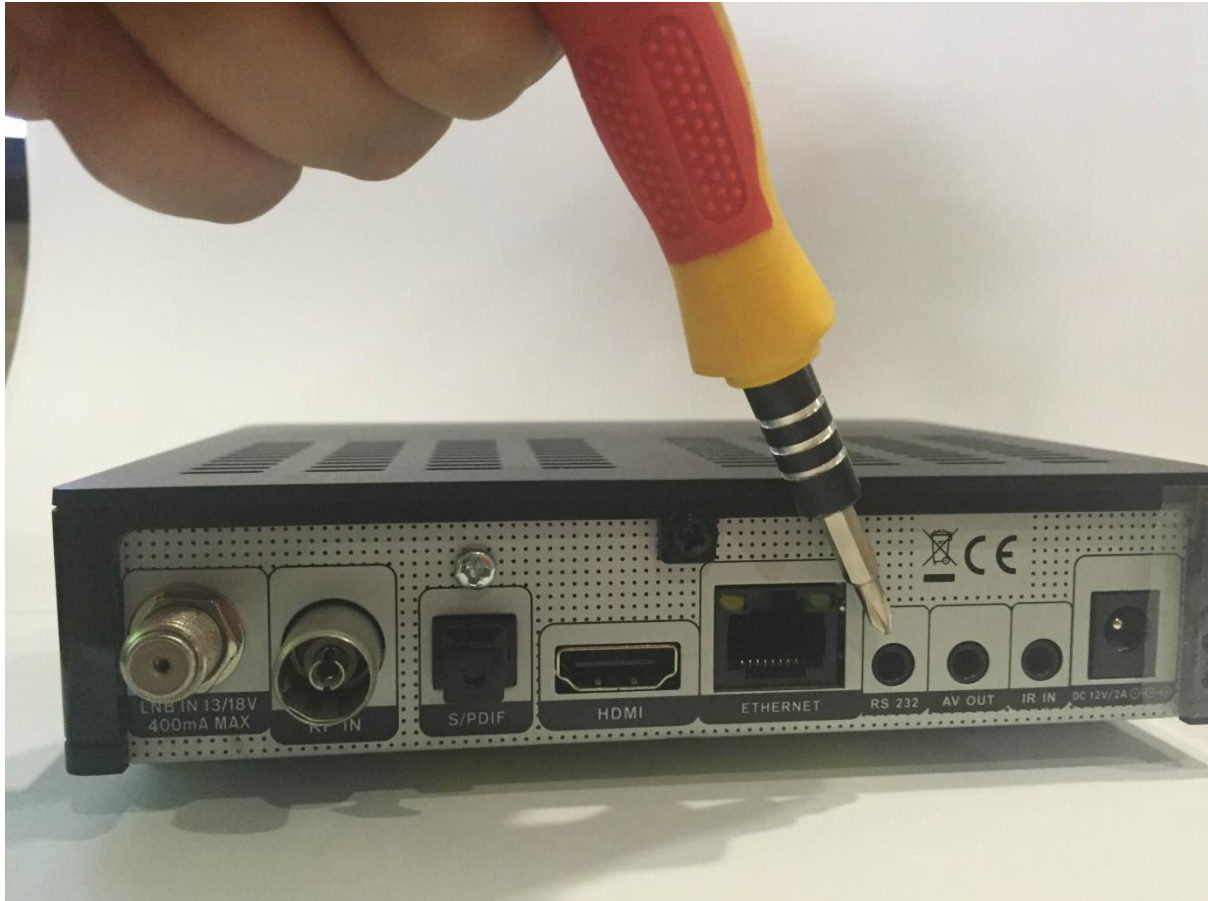
You will need to select “Browse”



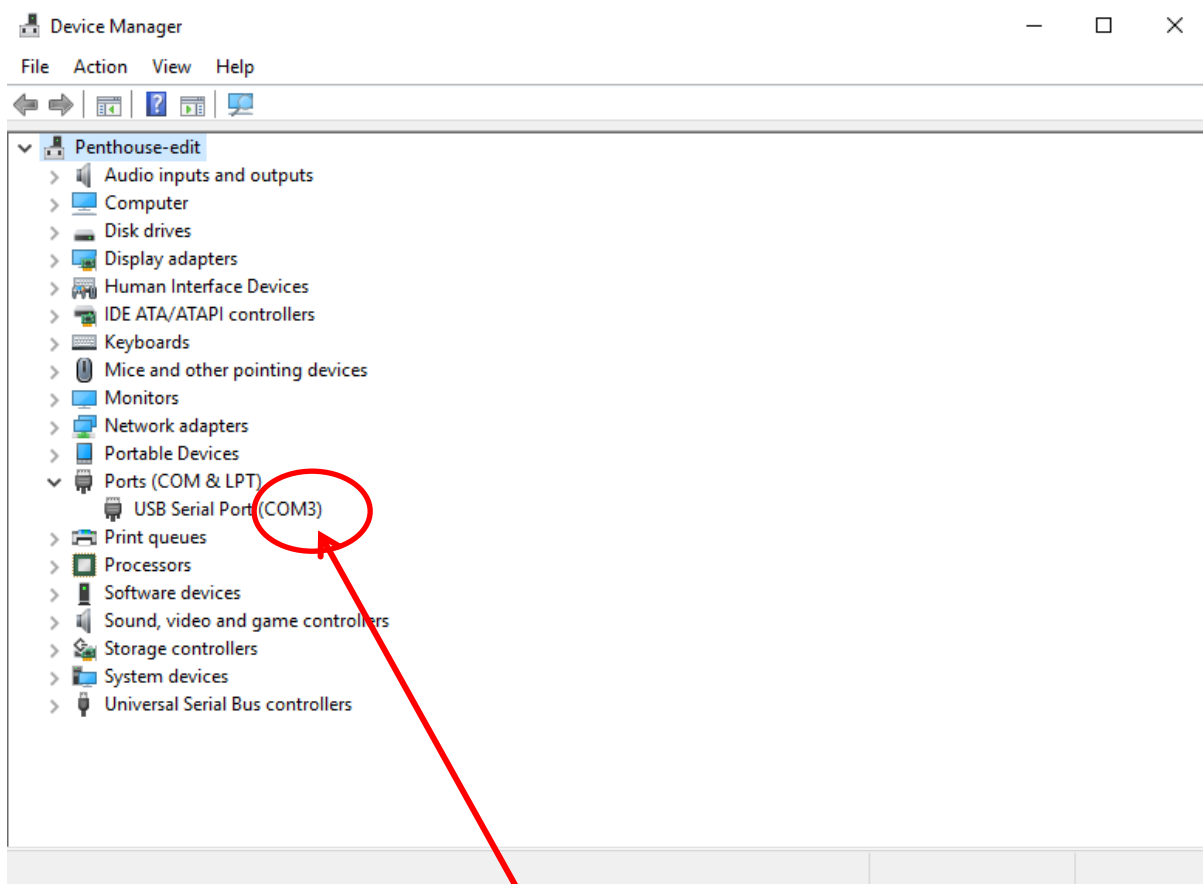
Once you have done that you will need to select an up to date channel list you have for an Amiko Mini Combo.



Right now that you have your recovery tool and your new firmware to repair your receiver you will need to plug your cables into your PC and connect the 2 cables together. You will need to place the RS232 Jack into the back of the receiver into the RS232 PORT.



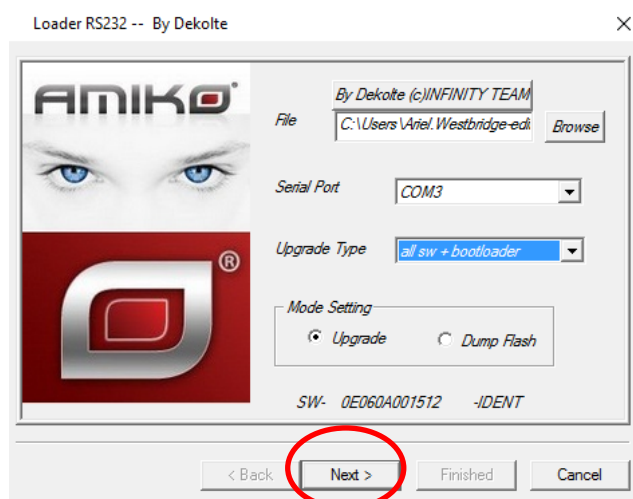
Once you have connected all of the cables together you will need to find which COMPORT port the RS232 cable is using, so if you are using a windows machine you will need to go to control > device manager



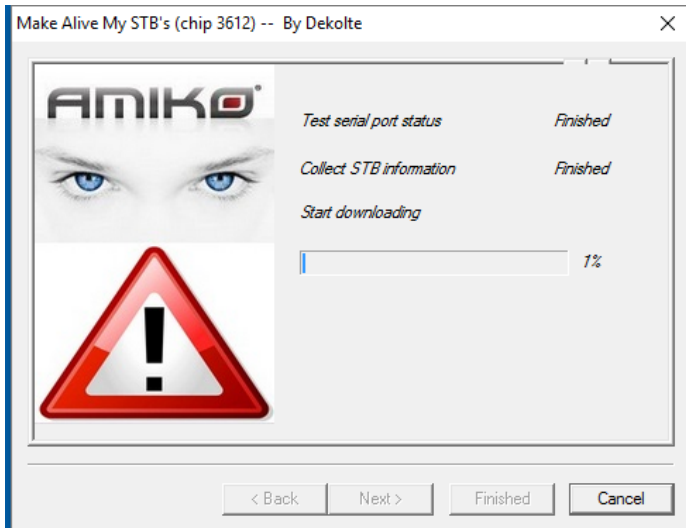
Here we can see the cable is using COM (port) 3 as it shows us in the device manager

Now we have identified that we will need to go back to our recovery firmware, select COM3 in Serial Port and then ALL SW + Bootloader in "Upgrade Type" and make sure mode setting is set to "Upgrade"

Once we have done this we will need to press "Next" and quickly insert the power into our receiver.



You will know when RS232 is taking place once you have this loader on your recovery tool display and also this image on the front of the receiver. (lines will go up and down)



You will need to let this get to 100% it will take some time and it will have to do two stages of letting it get to 100% the 2<sup>nd</sup> loading screen is a lot quicker!) and it will then say finished, occasionally it will look like the firmware has crashed but don't worry it may do that but your receiver will now have new firmware and should be working as good as new!