



Guide For Setting Up Your Fortec Lifetime Ultra Receiver

Setting up your receiver can be tricky. This document will assist in the process of getting you up and running with minimal effort.



Back of the Fortec Lifetime Ultra

Exhibit **A** shows 9 pin, com port - this is the port that we will use to flash the unit. This cardless unit is programmed via a 6 ft, Serial RS-232c Cable 9-pin Female to Female, both ends.

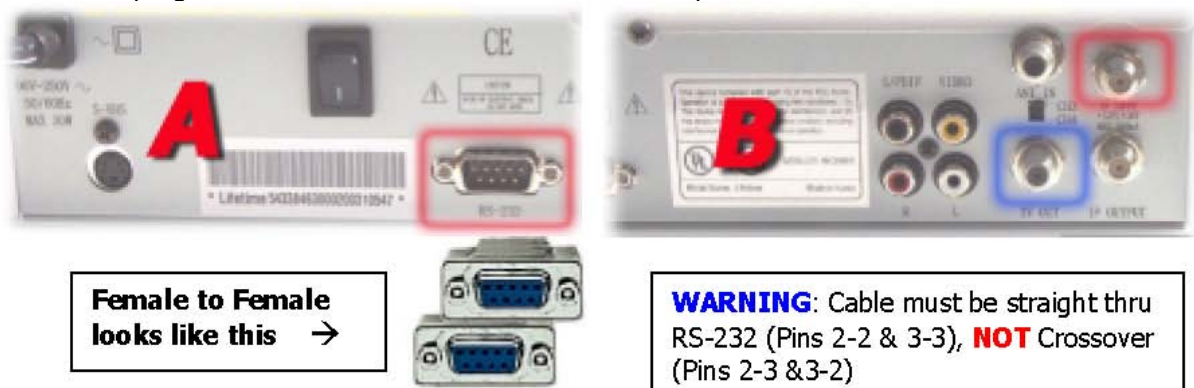


Exhibit **B** Shows audio and video input, and outputs. If it is very important you use the upper right input (RED) for your RG6 cable from your sat(s). NOT Antenna In! Use the output (BLUE) to go to your television set.

Software Needed to Complete the Job

In order to flash your unit and apply the appropriate files, we will need to familiarize ourselves with some files/software to achieve these tasks. The files I mention here are the files I have used successfully and may not be the same ones you will need if this document should become out of date. However the concepts should remain the same. Document update date: [28/07/04](#)

From the files directory in this Package, you will find:

1) **STB Updater Folder:**

- Fortecstar STB Updater v3.21.exe
- AL7BAR Downloading Tool v1.31.exe(Fortec_Updater.zip)

This program is used to write, fixes and firmware to your receiver.

2) **Firmware Folder:** Lifetime Ultra_040823_244_api(NTSC).bin

This bin is the current firmware flash for the Lifetime Ultra receiver.

NOTE: You do not need the boot file for this receiver

3) **Fixes Folder:** AI7bar FTA Ultra_040920_247_api(NTSC-PK0_rev2)-F.bin

This File is the latest fix for your Lifetime Ultra receiver.

NOTE: Please make sure you are using the correct files for each procedure

Now at this point you should have an idea of the programs/files you will need to complete the task at hand.

Before we begin : the UPDATERS

There are 2 updaters:

- **Fortecstar STB Updater v3.21.exe** : used to download the ORIGINAL firmware to your forttec
- **AL7BAR Downloading Tool v1.31.exe** (Fortec_Updater.zip) : to download the AL7bar FIX to your forttec

Let's begin the process by writing a current ORIGINAL flash to your receiver.

Programming Your Receiver



The first thing we will do is write your receiver software to the unit. It is not always necessary to write this file to your receiver, especially if your unit is brand new out of the box. Your receiver comes with the unit already pre-flashed. Occasionally, a previous model may be sent with an older revision of receiver software, and can be re-flashed to ensure that your unit is up to date.

Q: Why am I writing this file to my receiver?

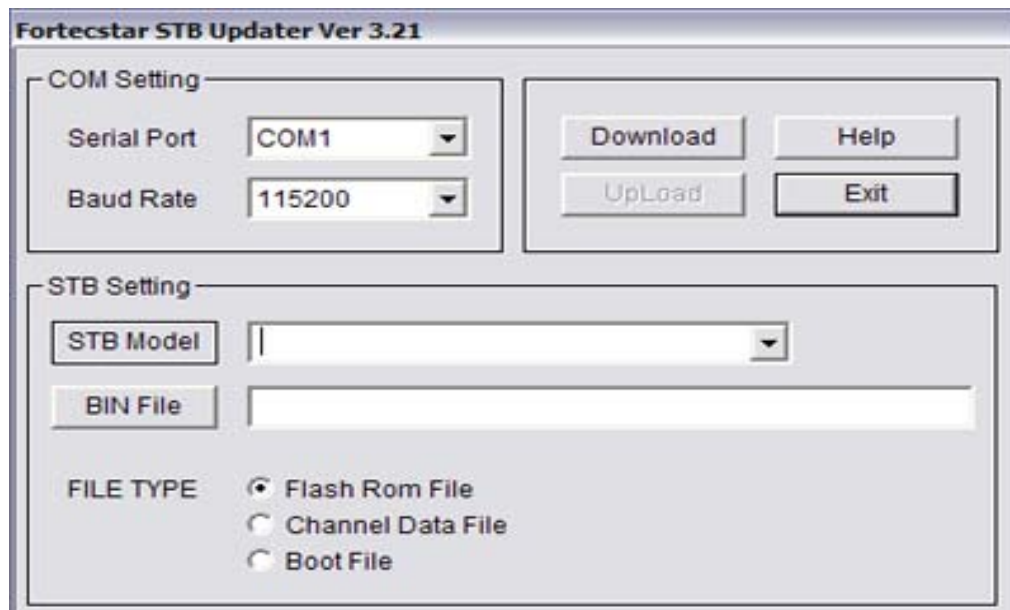
A: It is possible that your unit came to you with a slightly, outdated receiver software, or a problem exist with your existing receiver software. You can update this software by applying this file using the following method.

The Fortecstar STB Updater v3.21 Interface

Double click on the file "**Fortecstar STB Updater v3.21.exe**". You will see the main window. We will be working from this window until we get to setting up the features and such in the Ultra itself. Use the following settings:

Basic Settings:

Serial Port: COM1 (or current comm. Port)
Baud Rate: 115200



STEPS

1. Open the updater Program.
2. With the updater screen open, click the "Bin File" button.
3. Browse to the file specified: **Lifetime Ultra_040823_244_api(NTSC).bin**.
4. Be sure the "**FLASH ROM FILE**" radio button is selected.
5. Select **Lifetime Ultra** as the model.
6. Click **Download**



Now, let's write a fix to the same receiver!

Q: Why am I writing this file to my receiver?

A: Occasionally, you will need to apply fixes to your receiver to continue enjoying the programming you have grown accustomed to. You can update these fixes by applying this file using the following method.

AL7BAR Downloading Tool v1.31.exe Interface

Double click on the file " **AL7BAR Downloading Tool v1.31.exe**". You will see the main window. We will be working from this window until we get to setting up the features and such in the Ultra itself. Use the following settings:

Basic Settings:

Serial Port: COM1 (or current comm. Port)

Baud Rate: 115200



STEPS

1. Open the updater Program.
2. With the updater screen open, click the "Bin File" button.
3. Browse to the file specified:
AI7bar FTA Ultra_040920_247_api(NTSC-PK0_rev2)-F.bin
4. Be sure the "APPZ" radio button is selected.
5. Select **AL7bar FTA Ultra** as the model.
6. Click **Send** and Wait for confirmation

After all updates/fixes/channels have been written, turn off unit and unplug all cables. Then on its own and not connected to the satellite, restart your receiver. You should see a blip flash on the screen before the word "ON" appears. This indicates the unit has been updated. Now connect your unit to your satellite(s), hook up all audio/video cables and plug unit into electricity.

Final Touches

Your Lifetime Ultra is now loaded with AI7bar. The next step is to activate the keys and scan the channels.

Set Default Key

Click menu then right 2 times - You should now be in the channel edit screen. press down and highlight **Code**:



Continue by pressing “ok”. A password box will now be displayed. Enter this password in the appropriate field: **1010 or 1668**

Scroll down; select “**SET DEFAULT KEY**” and press “ok”

Antenna Scan (POWER SCAN)

Press, exit and then left until you come to the installation screen and select **Antenna Setup**

From here we will setup the receiver to search for the satellites you are looking for.

From within the Antenna setup screen, you will see the different satellites listed in the left window of your screen. Choose **Echo 6, 8 (110)** and press right arrow on your remote. This will add a small check mark box on the right of the satellite name. Do the same for **Echo 7 (119)**.

Now that both are checked, go to Echo 6, 8 and press ok, this will take you inside the right window. From within this area we need to change a few things. LNB type=Standard, LNB Local-Freq is 11250, 22KHZ OFF, DiSEqC switch=#2 (or the diseqc switch input number). Press exit to save the changes you have made.



Let's do the exact same thing for **Echo 7** - highlight **Echo 7** and press OK. LNB type=Standard, LNB Local-Freq is 11250, 22KHz ON, DiSEqC switch=#1 (or the diseqc switch input number). Press exit to save the changes you have made.



Now that we have finished that, all that's left is to scan the satellites. Piece-o-cake baby! Go to the installation menu and select **POWER SCAN** and press ok. You will be prompted to choose a mode. Press the right button until **ALL** is displayed.



You will also notice that **Echo 7** is the selected satellite. Press Ok, and magically, channels from echo 7 will now appear in the list. Repeat the process for Echo 6, 8; you will see a number of channels available if all are done correctly.

By now you should be watching TV!!

Thanks partially to DM and Tec for his contribution to this doc. Hope this document has helped in some way!