**Supplemental English Instructions**

**for the InAndOn KV-800s**

**Stand-alone Karaoke Player**

**V4.0**

**The Files**

**To use the software for this unit, I found it really clunky and rather inefficent. It is hard to find on the internet, but I found it by Google using the name 800S&K/SG-301/SG-708N. There are Chinese and English versions, I will use the English version since if you can already read the Chinese, you don’t need use my gweilo tools.**

**Format For Movie Files**

**This machine expects the AVIs to be a certain format. MPGs are not a big issue, as anything that is a .VOB or an .MPG file from a VCD will work. Not very efficient for hard drive space, but it will give you less issues. The only issue is that VCD files must be .MPG not .DAT. You can drop down to command prompt and use REN \*.DAT \*.MPG to rename them all. Also, since most stuff off the internet is in .mp4 format, this machine is too old and doesn't support it; so convert it.**

**PowerCD+G to Video Karaoke Converter 2 works correctly right after the conversion. AVIs need to be V1.0 format. Audio should be MPEG 2.5 Layer 3, 11025 Hz, 8 kb/s in Mono. The video should be using the Xvid ISO MPEG 4 codec.**

**If you are using Xillisoft Video Converter Ultimate 7.7.2, you can use the XVID profile. It is under PROFILE / GENERAL VIDEO FORMAT / DVIX. The specs for the DVIX file is in an AVI 1.0 container. Audio is an MPEG 1 Layer 3, 44.1 kHz, 128 kb/s, joint stereo. Video is a DivX 5.x/6.x using DX50 Codec.**

**This program is quite good because it is able to batch a whole directory and subdirectories of video files and convert them and put them all into one folder (ie. The U-Disk folder).**

**Making a U-Disk**

**This machine needs a place for you to put all the files before it loads it into the hard drive. They call it a U-Disk. You make one by going to TOOLS / Make U-Disk. Give a place on your hard drive, preferably with lots of work space.**

**The program will then let you sit there and type all the info in. Bullshit! Cancel. This is where my utilities will take over.**

**You will notice that you will now have 2 files in the U-disk folder named add\_song.txt and del\_song.txt**

**As you may have guessed, add\_song.txt is a list of all the songs on the U-disk you will be adding into the machine. It is a single string line with all the data about the one song all compressed with no leading spaces. My Microsoft Excel sheet macros will take care of this formatting for you.**

**The other file del\_song.txt is just the list of songs that you are adding just in case you want to delete the songs off your machine. If you so choose, you can copy and paste this information from the excel sheet too.**

**Putting Files On The U-Disk**

**This machine needs two things to put the songs into the machine. It needs your .MPG or .AVI files and it needs them indexed with the add\_song.txt file. My excel sheet will do this for you but you will need to set the data up in the right place for the macros to work. I will go over this process now.**

 **• You need to do is put your video files into the U-Disk directory. If you worried if the format will work or not, I would recommend you using an encoding software like Xilisoft’s Video Converter Ultimate. The format you want to use is General AVI (Audio Video Interleaved) format. The other thing that Xilisoft is good at is it will also take videos that are in directories and encode them and merge them all into one directory.**

 **• Now you got all the videos all in your U-disk, you now want to generate a list of all the videos so the macro can parse it and pull all the song names and artist names out of it if it can. The macro assumes the files are in “song – name.avi” format. If not, I may program different macros to do post database edits to the song information before making the main output file. In any case, you can still edit the data manually with Excel before posting it to the output file.**

**So, you will drop into the windows command shell (START / Accessories / Command Prompt). Then you will need to use the CD and DIR commands to find your U-Disk. (eg. CD G:\udisk)**

**Now generate the file using: dir /s/b >> a.txt**

**This will put all the files that are in your u-disk folder into a text file: a.txt. The macros will work off this file to generate what is needed to make add\_songs.txt.**

 **• We will now load the Excel Macros file. You will notice it has multiple sheets (tabbed at the bottom: Main, Data, Raw, Output) The MAIN page will have all the buttons to drive the macros. The DATA page is where the a.txt will go. The RAW data is the page where all the extracted data is stored. You can extract and edit the data here if you want. The MACRO is where the add\_song,txt is generated.**

 **•**

**You will want to load your a.txt file in word pad, copy and paste that into the DATA page. If it is coming up up double spaced, you can use the IMPORT command. This is under FILE in the command line.**

 **• Now you will activate the “PARSE\_DIRECTORY” macro. You can access it from the MAIN page or you can hit it using the Tools / Macro / Macros. This will extract all the data out of the directory structure and put them into the sheet RAW. This will give you a chance to edit anything in the data.**

 **• As of version 4.0, I have made the short artist name as AS (short of Air Supply), and the short song name as AOOL (short for All Out Of Love) because the index file MUST have the artist name predefined. Maybe if I am really bored and figure out how to efficiently add artist names with artist pictures. Then again, this information is just a waste of space on the hard drive so I recommend not to bother with doing the short info and just stick to keeping a good detailed version of the song book. Pre-sort your song book file by Song Name and by Artist Name so users can look up things easily and thus not need to use the internal search function.**

 **• As of version 6.0, I have made the Excel sheet a .xlsm sheet to ensure the macros will be preserved for future revisions. I am using Excel 2011 for the Mac so you can work around compatibilities with that.**

 **• Once you got the data the way you like it, then you can make the "add\_song.txt" file. You will now activate the RAW\_to\_Macro. Again, you can hit it from the MAIN page or you can hit it using the Tools / Macro / Macros.**

 **• Now you will have all the lines you need for the "add\_song.txt" in the tab labelled OUTPUT. Copy and paste the entries into Textedit and save it as a RTF file, output.RTF. I recommend doing it as an RTF file because regular txt files has issues with CR and LF and issues with MS-DOS file formats and Windows file formats. It is better to copy it over as an RTF and then convert it on the Windows side. I find that once I get the .rf file over to Windows, I can just open the .RTF file by clicking it open, then select all, copy, open a NOTEPAD window, then paste into the notepad window.**

 **• The RAW\_to\_Macro also generates a renaming batch file for MS-DOS to rename all your video files to the proper numbers for uploading. This is stored in the tab labelled BATCH. Copy and paste the entries into Textedit and save it as a RTF file, batch.RTF**

 **• Copy this files the output.rtf and the batch.rtf to the U-Disk folder.**

 **• Use the Wordpad to load the batch.rtf and SAVE AS, and make it batch.txt. Rename batch.txt to batch.bat.**

 **• Use the Wordpad to load the output.rtf and SAVE AS, and make it add\_song.txt.**

 **• Now go to windows symbol and open a command prompt (Run, cmd). Locate your U-Disk folder using CD and DIR. You are going to change all the filenames first, so you will type BATCH.bat to rename and move all the files to the "U Disk" directory.**

**Adding Files On The U-Disk To The 800S**

 **• Go into the InAndOn software.**

 **• After the program starts, select your machine, in my case I select the 800s. It will load in the current song list. Now, select MAKE / Batch (Udisk) AddSong.**

 **• Select the the U-Disk folder. It should load the songs into the internal hard drive for you.**

 **• Make sure the file "add\_song.txt" is in the "U disk" folder. Check the suffix, it won't work if it is "add\_song.txt.txt" or "add\_song.txt.rtf".**

**• Cautionary notes, the loading software is very stupid and is not very forgiving. You can’t have extra returns and spaces anywhere or you will get an OUT of Index error. No extra returns at the beginning of the file. No extra spaces after the end of each line. And No extra returns at the end of the file. If you get this "out of index" error, it seems to have to do with the artist name; I think.**

**• If you have a problem with trailing spaces or weird characters showing up during the macro conversion, try moving the Excel .xls file to Windows and do copy and paste to Notepad on the Windows side.**

 **• The program will start loading the .AVI files from your U-disk over to the hard drive. If it runs into a duplicate index number, it will prompt you if want to recover the existing one. You might want to make a note of which ones you need to check.**

 **• The files are copied and converted and encoded to the machine’s hard drive. It is stored in the folder /song. Depending on what number you assigned it, that will determine the folder. If you gave it a 12345 number it will store it in the /song/1/23 folder. Remember if you use numbers under 10000, don’t forget to prefix them with 0’s (ie. 09876).**

 **• These 800 boxes are pretty old. So remember that the 800S will only support maximum 2TB SATA drives. The old 800B uses an IDE interface, but there is enough room to stick a SATA to IDE converter adapter. Again, your maximum size of hard drive is 2TB.**