

# iTunes to Sony Ericsson Workflow

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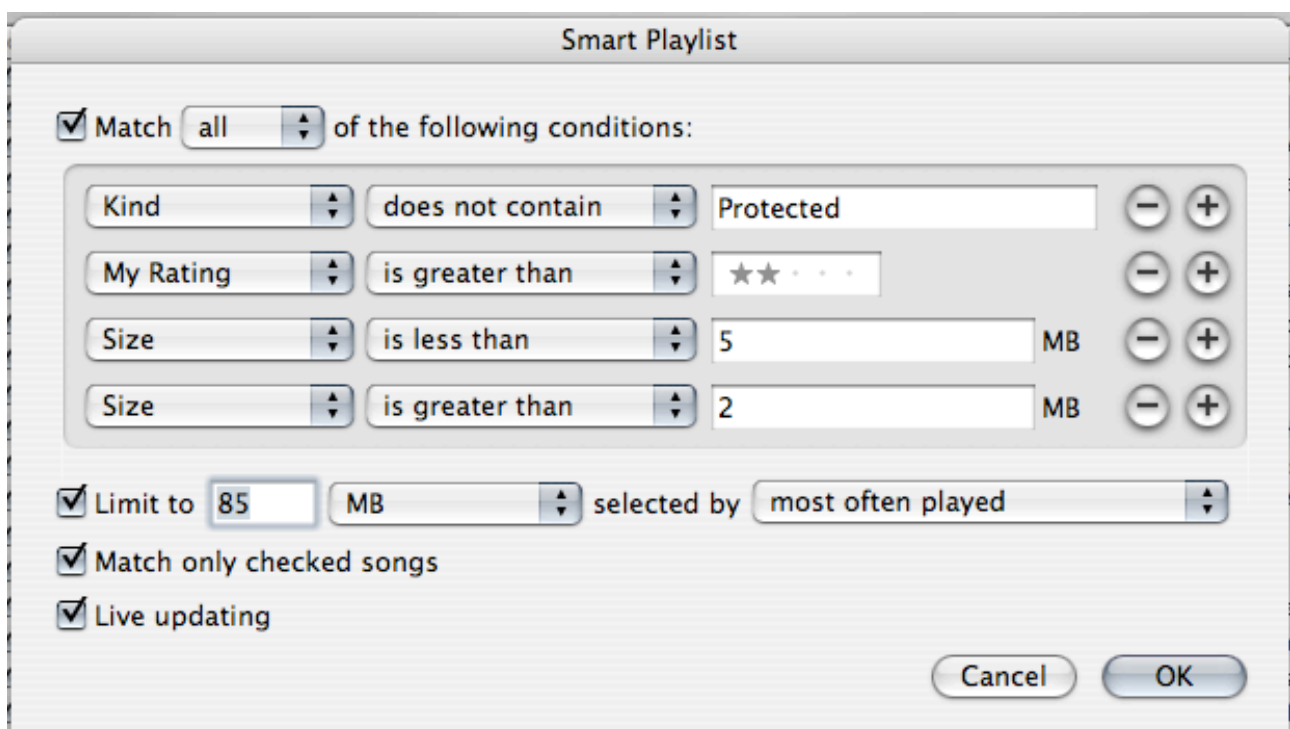
Many of Sony Ericsson's mobile phones have the ability to play mp3 and unprotected aac files through the wired handsfree that comes with the phone, or with the rumoured forthcoming accessory that will add a 3.5mm audio jack. This workflow aims to integrate iTunes and your phone as seamlessly as possible.

Two workflows have been included. The 'iTunes to SE BT' workflow needs minimal configuration and will probably work with other manufacturer's phones who support mp3 playback and Bluetooth. As the transfer is completed via Bluetooth, this workflow requires the Bluetooth Object Push action, freely available from <http://www.automatorworld.com/2005/05/28/bluetooth-object-push/>. This url is also included in the download folder. Please download and install this before going any further.

The 'iTunes to SE MS' workflow needs more configuration, but doesn't rely on Bluetooth for the file transfer, but will only work with Sony Ericsson mobiles in it's 'out of the box' setup. Specifically these have been tested with a S700i, but many of the newer Sony Ericsson phones coming out have Memory Stick support. If you have success with another phone please let me know at [keith@newformula.org](mailto:keith@newformula.org) and I'll add it to this readme.

**NOTE: THE TRANSFER VIA MEMORY STICK WORKFLOW HAS TO EMPTY THE TRASH IN ORDER TO FREE UP SPACE ON THE MEMORY STICK. PLEASE ENSURE NOTHING IS IN THE TRASH THAT SHOULDN'T BE BEFORE RUNNING.**

It is first necessary to create a playlist (smart or otherwise) in iTunes which contains the music you wish to have on your phone. I have included a screenshot of mine below to give you some ideas.



'Kind does not contain protected' only allows mp3 and unprotected aac files. Size between 2 and 5 MB lets you have a greater number of different songs, with no excessively long ones, and limiting the total size to 85 MB ensures that I still have plenty of space on my 128 MB Memory Stick left for photos. Make something similar to fit your own needs.

One apparent issue with Sony products (I have verified this with my S700i and PSP) is that they don't like ID3 tags (the part of the mp3 or aac file which holds information about artist and song title, etc.) of version 2.4. I have done a little research into the difference between version 2.3 and 2.4 tags, and there doesn't seem to be a whole lot (feel free to correct me) so I'm comfortable converting the tags to version 2.3 for use on these products.

It's easy to do this using iTunes- select the songs in the playlist you just created, go to the Advanced>Convert ID3 Tags menu, and change them to version 2.3. iTunes does not let you do this automatically via applescript, so I have been trying to script this action via applescript and UI scripting, but have had no success yet. If you manage to do it successfully please let me know- [keith@newformula.org](mailto:keith@newformula.org)- and I'll update the workflow accordingly.

Next, the following steps in the workflows need editing:

In both the Bluetooth and Memory Stick workflows the step (2 and 7 respectively) that grabs the playlist from iTunes needs to be edited so it selects the playlist you made above.

Configuration for the Bluetooth workflow is done. Next, for the Memory Stick workflow, edit the following steps:

2. *New Folder*- Type 'Music' and select the folder MSSEMC/Media files/audio/ on your Memory Stick, using the 'other' selection in the dropdown box.

8. *Copy Finder Items*- Select the folder MSSEMC/Media files/audio/Music/ on your Memory Stick. It probably won't exist yet, so just create a folder called 'Music' in the folder MSSEMC/Media files/audio/ on your Memory Stick.

9. *Run Applescript*- Edit the line `do shell script "find /Volumes/MS\ 32/MSSEMC/Media/files/audio/Music -name '.*' -exec rm '{}' \;& -print"` to reflect the name of your Memory Stick in the Finder, in this example mine is called 'MS 32'. Spaces need to be replaced by '\\'. Do this for this line and the lines below it.

You could then add an additional step at the end to eject the Memory Stick if required, but I prefer to leave it mounted on the desktop. You could also delete the first step, the warning about id3 tags, but this is up to you. I like having it as a reminder to change them.

Then save the workflow, as an application if you wish, to your desired location, and you should be ready to go.

### Version Changes

v1.0: 1st release

**I TAKE NO RESPONSIBILITY FOR ANY DATA LOST AS A RESULT OF RUNNING THIS WORKFLOW, OR MAKE ANY GUARANTEES AS TO ITS INTEGRITY. BY RUNNING IT YOU AGREE TO THIS. NOTHING'S MY FAULT- YOU USE IT AT YOUR OWN RISK.**