

stream24 Webcasting KG

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Software datasheet #SAMBC-IC (for Windows 8, 7, Vista and XP)



Make web radio and start broadcasting with
SAM Broadcaster PRO and **Icecast Server**

| Rev. | Author | Approval | Comments/configuration |
|------|----------------------------|-------------------------|---|
| 1.0 | A. Bardonski 12.03.2013 | K. Werner 15.03.2013 | SAM Broadcaster PRO v2013.2 (Firebird Edition) on Windows 7 |
| 1.1 | A. Bardonski 23.05.2015 | | SAM Broadcaster PRO v2014.7 (Firebird Edition) auf Windows 8.1 |

Introduction

SAM Broadcaster is one of the most popular radio automation programmes for webcasters in the world. The software includes many functions that enable the automated broadcasting and professional operation of your web radio station.

SAM Broadcaster supports Shoutcast, Shoutcast2, Icecast and Windows Media Server. There are also numerous encoders that can generate a live stream in mainstream audio formats: MP3, aacPlus (HE-AAC) and WMA.

We cannot go into any special features or extended functions of SAM Broadcaster in this tutorial. We will show step by step below how you can go on air with SAM Broadcaster and your new streaming server.

1. Software download and installation

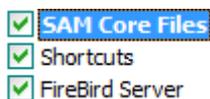
Follow this link:

<http://spacial.com/download-radio-software?ref=A392>

Important information

You need to choose the **PRO** version because the SAM Broadcaster LITE and PLUS versions do not support encoders for external providers.

Please download the software (sambc-fb.exe) and install it with all the components:



You can then proceed to the next step and page.

2. Set up SAM Broadcaster for the first broadcast

Step 1: Start SAM Broadcaster PRO and you will get the following window:

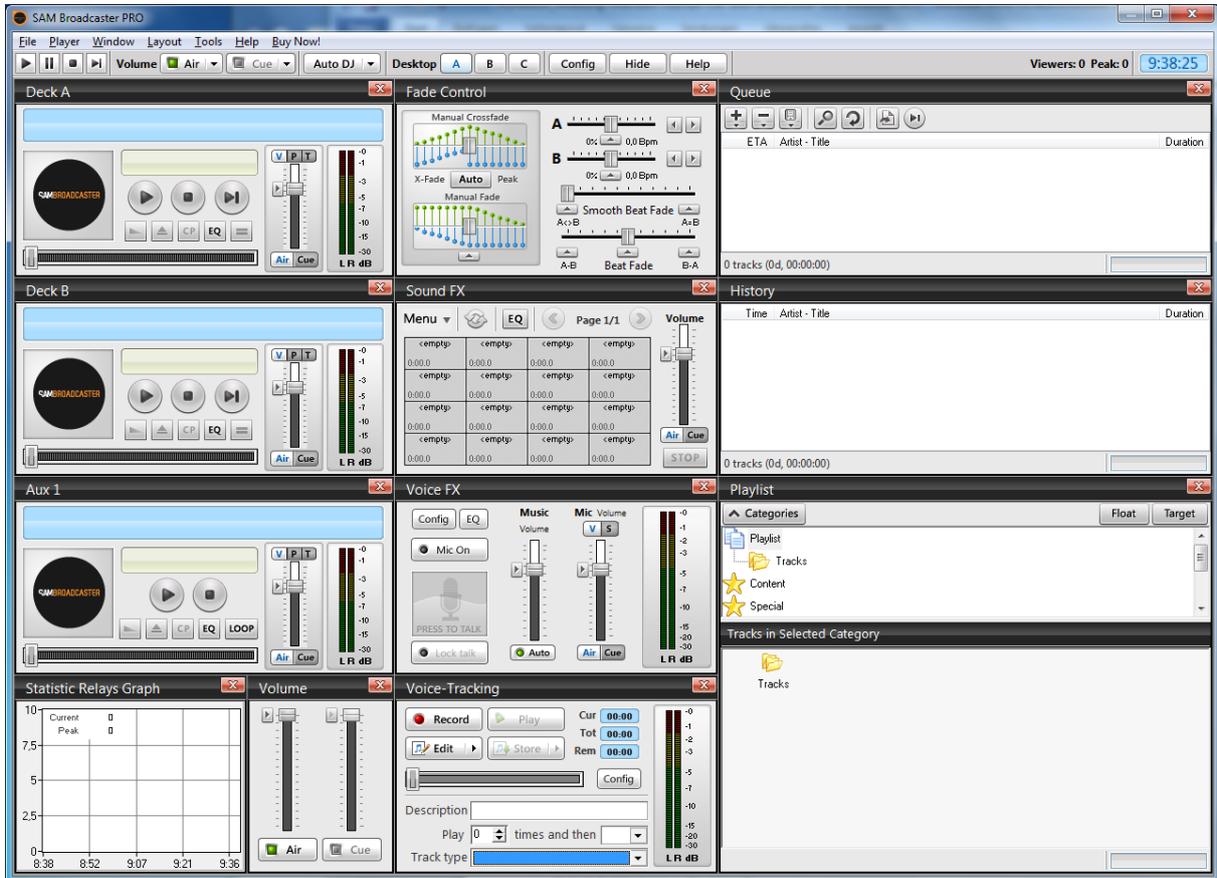


Fig.1: SAM Broadcaster (Desktop A)

Step 2: Change to Desktop B:

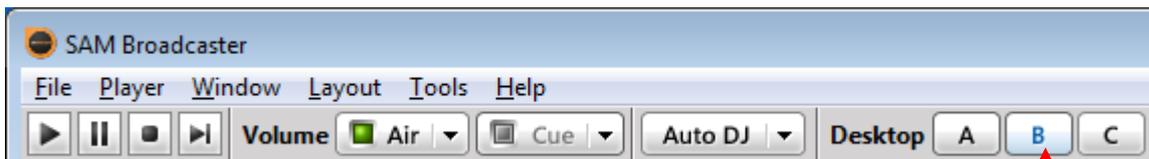


Fig. 2. Button bar

→ Mouse click

Step 3: The appropriate MP3 encoder only must now be added to the 'Encoders' module:

Click on [+]

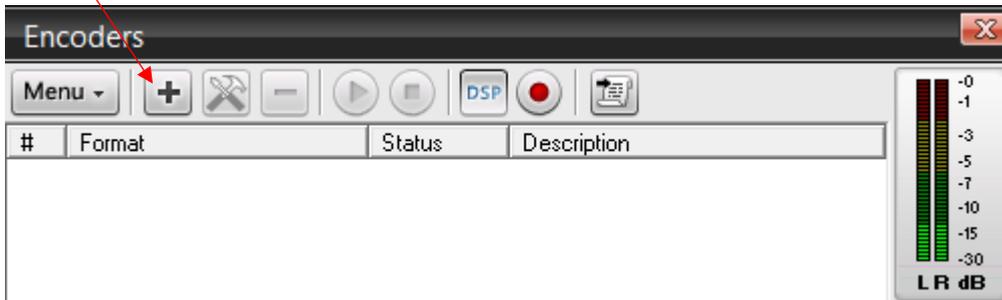


Fig. 3. Encoders module (Desktop B)

Select the **MP3 (LAME_ENC)** plugin:

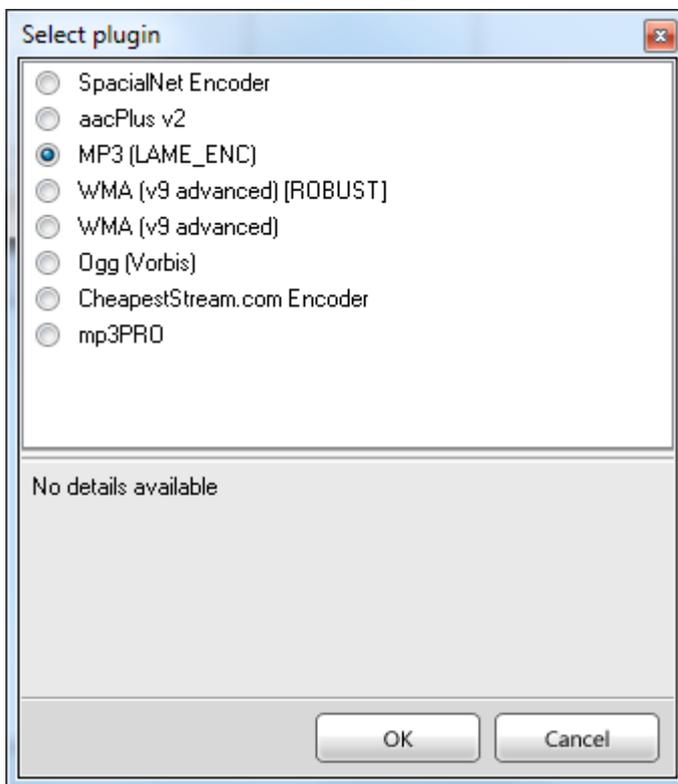


Fig. 4: Encoder plugin selection

Continue with [OK].

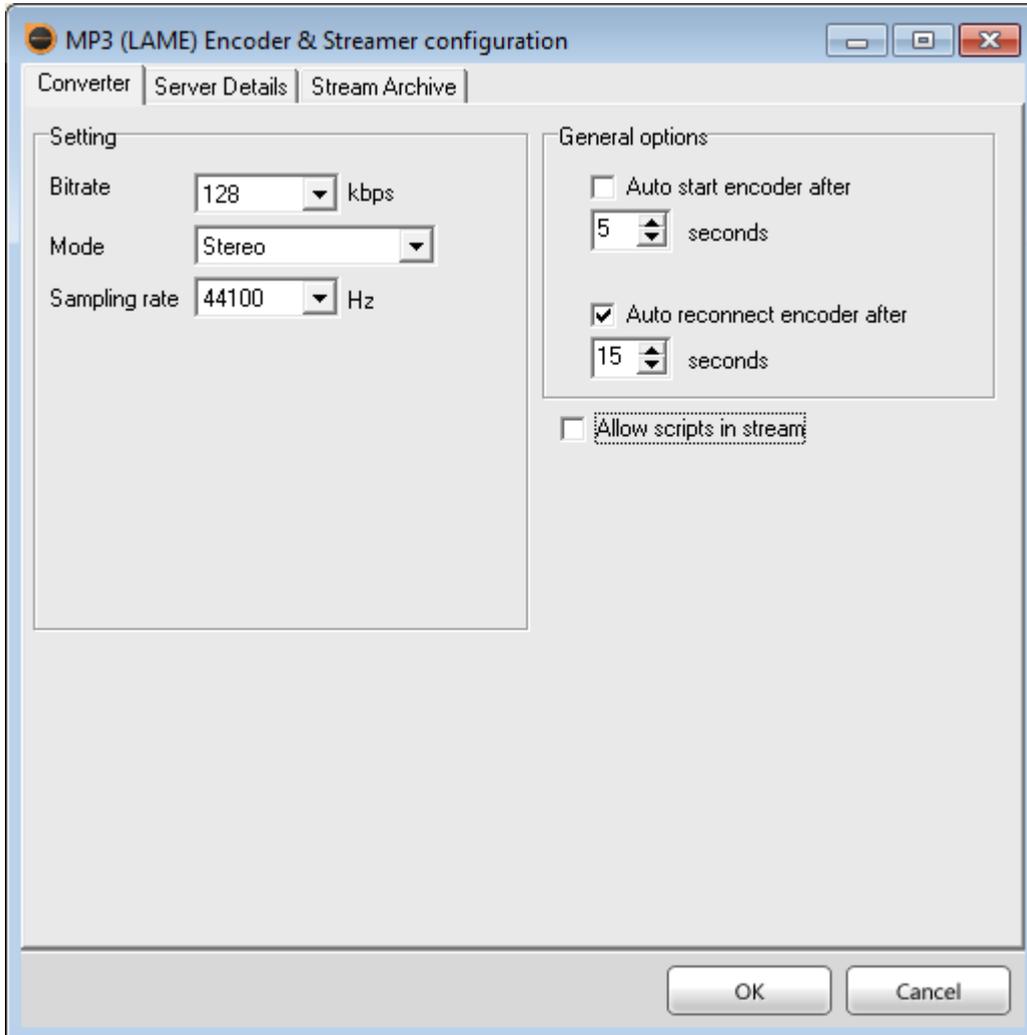
Step 4: Configure MP3 encoder**Heading Converter**

Fig. 5: MP3 LAME encoder - converter

Please accept the recommended basic settings in the image above and change the 'Server Details'.

Heading: Server details

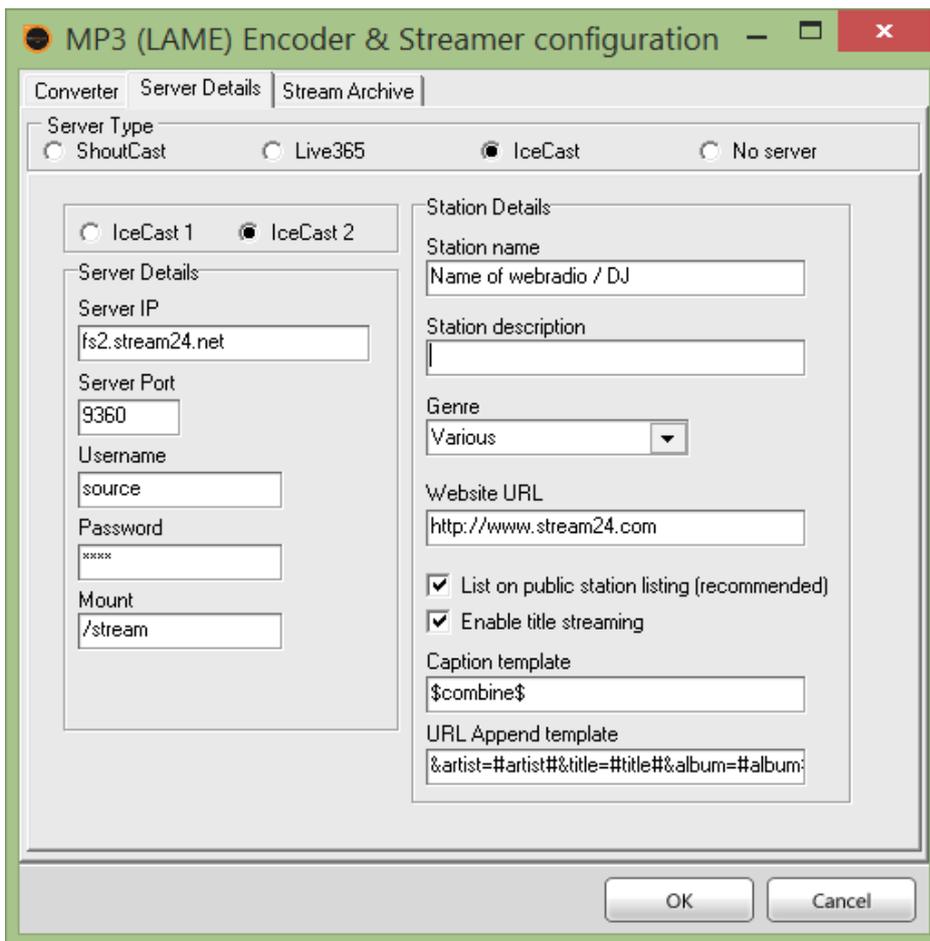


Fig. 6: MP3 LAME encoder - server details

- Select IceCast and IceCast 2 as the **server type** and enter the **server IP**, **server port**, **password** and **mount** according to your individual server data. If available in your SAM Broadcaster version, **Username** is always “source”.

Important! You can find your personal server data by logging into the customer area under 'Server Administration | Server Configuration' where you can change the stream password yourself at any time.

- **Station name:** name of your web radio and/or the DJ.
- **Station description:** this field can be left blank.
- **Genre:** this is where you can specify the kind of music on your web radio.
- **Website URL:** the Internet address of your homepage; please do not forget to put **http://** at the beginning of the URL.

Clicking [OK] accepts the settings and closes the configuration window.

The MP3 encoder is now embedded, you should get the following picture:

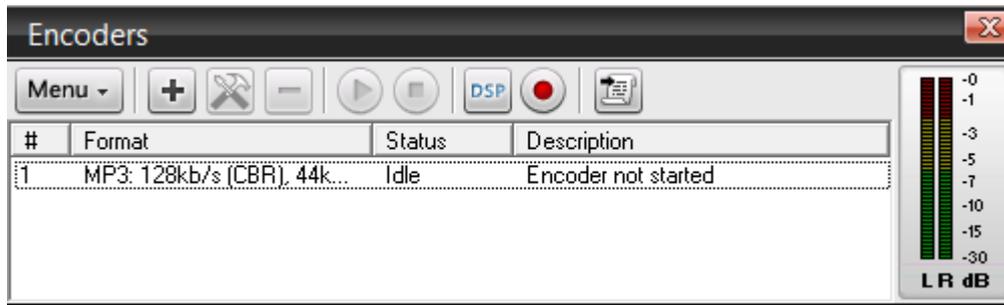


Fig. 7: Encoder module with installed MP3 encoder (Desktop B)

3. Go on air

Step 1: Switch back to Desktop A using the top button bar and upload some songs from your disk to the **queue** list:

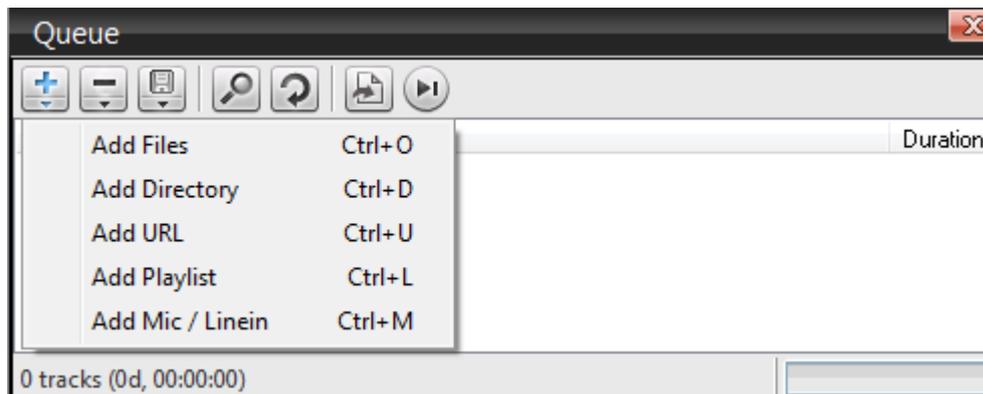


Figure 8: Empty queue module (Desktop A)

→Add Files / Add Directory

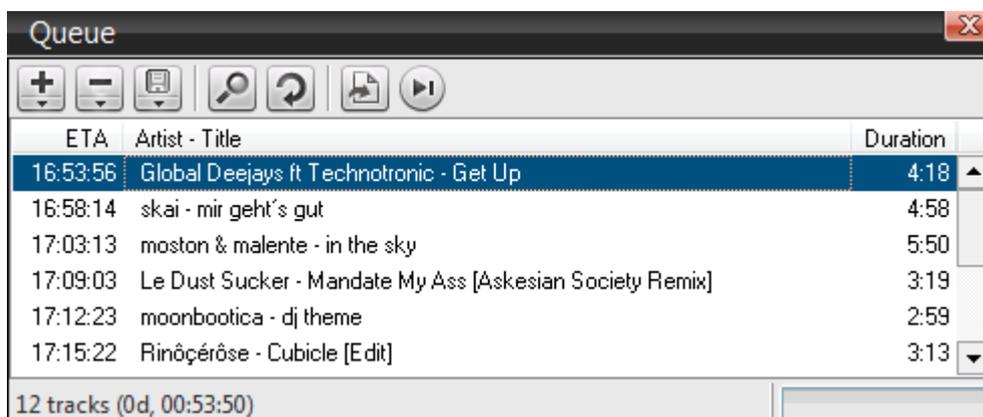


Figure 9: Queue module with some songs

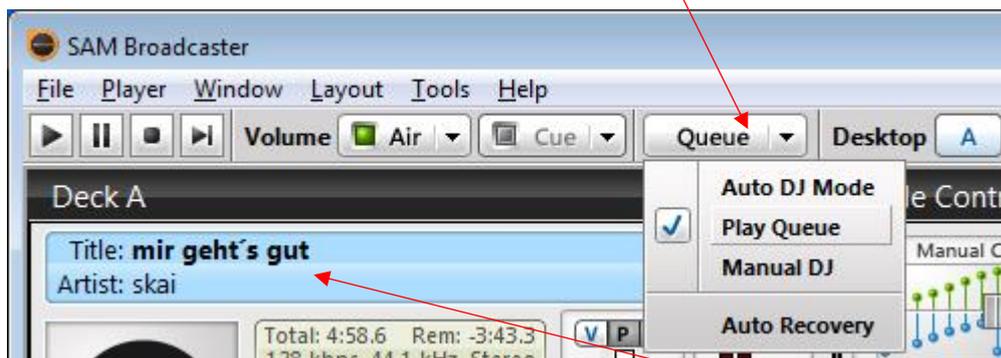
Step 2: Set the play mode to 'Play Queue'

Fig. 10: Play Queue mode selection

and click on the first track in the Queue window so that it plays in Deck A.

→Do you hear music from the speakers or headphones? OK, great!

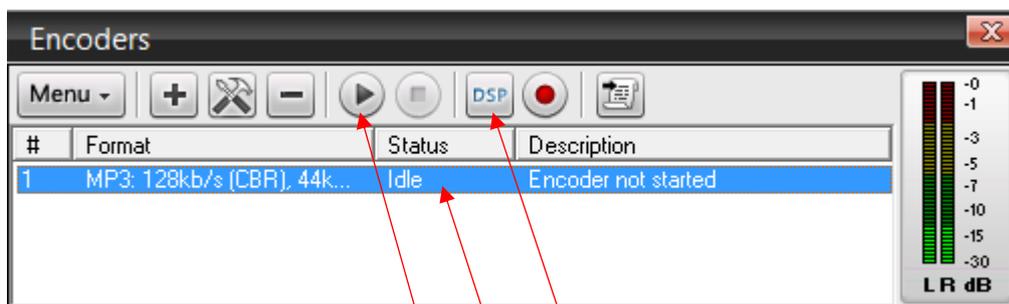
Step 3: Change to the encoder module on Desktop B:

Fig. 11: Start the MP3 Encoder

Activate the DSP button.

Single click on the installed encoder row to highlight the encoder for starting.

Start the encoder.

If the connection to the server was successful, you will see how the encoder starts to count the broadcasting time and the amount of data transferred in the 'Description' column.

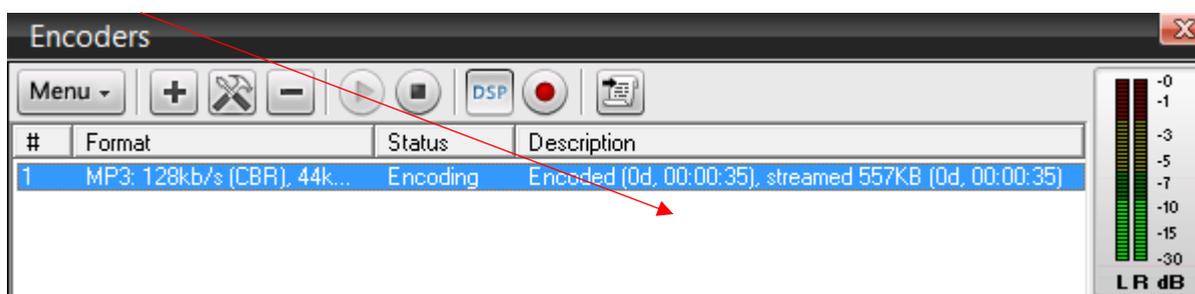


Fig. 12: MP3 encoder in operation

Congratulations - you're on the air!

4. Error messages / FAQ / Tips

- Encoder error message: Invalid server password
You receive the error message: 'Invalid server password' if you have entered the password wrongly. (Page 6)
- Encoder error message: Disconnected 10061
The error code 10061 indicates that the stream server is unreachable. Most common cause: The server is not turned on. → Check the customer area; the LED status must be green, not black.
- Only one simultaneous encoder connection is possible
Please note: there can always only be one encoder connected with the server at a time. If the server is already occupied, no other DJ (whether a live DJ or your auto-DJ) can broadcast simultaneously.