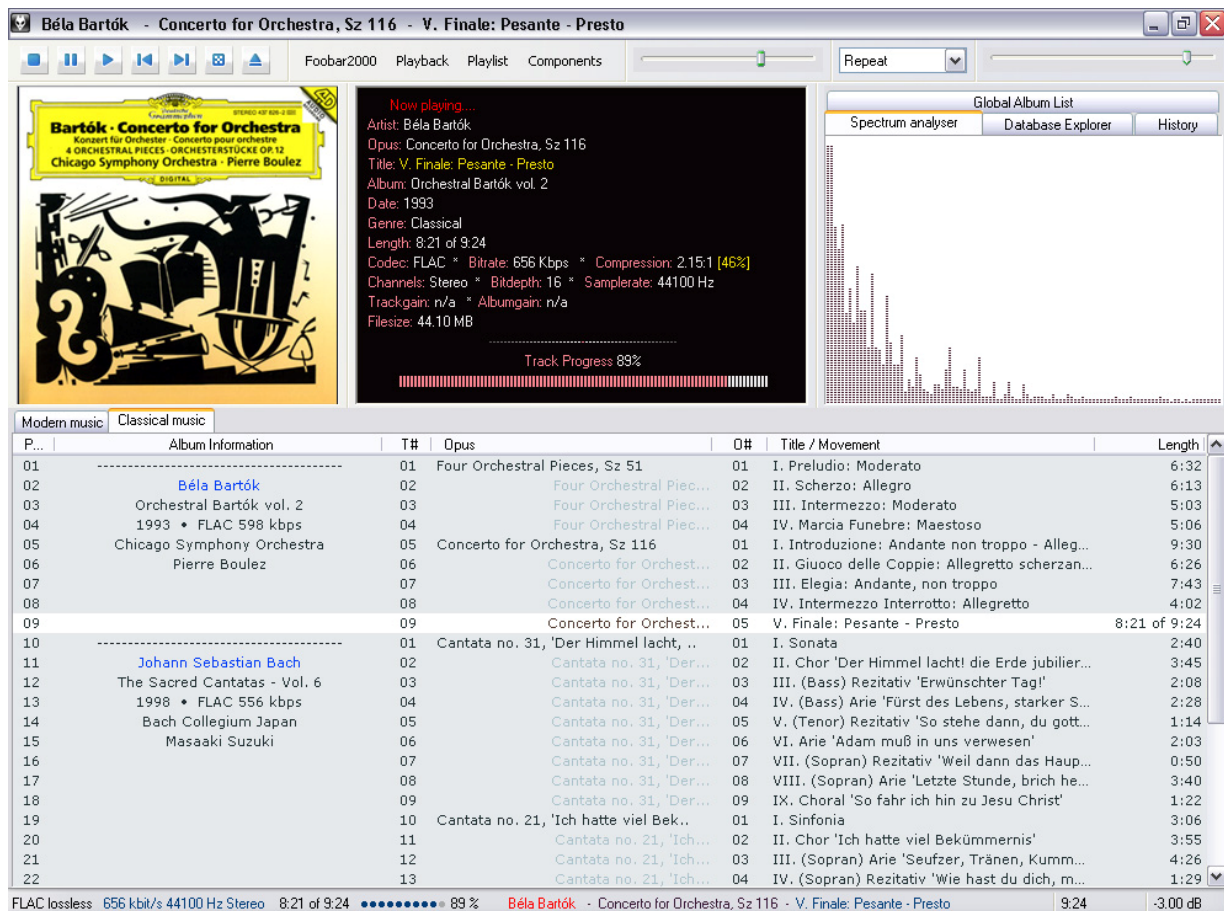


These settings are based on the ‘Special’ **version 0.83** of Foobar¹ and concern only the **playlist configuration**: that is, the lowest part of the display where full details of the files are listed. Though strictly speaking the other parts of the display are off-topic, later in the appendix you will find some additional details about the tabbed panel stack of the highest part, which contains the Album Art display, the Track Info panel and other useful panels. Now, let’s start with the display of my ‘Classical music’ config:



The playlist config shows the following 7 columns:

- 1. Playlist Number** : abbreviated as Pls-Nø and self-explaining.
- 2. Album Information** : center-aligned, it displays the most possible complete yet succinct info on the disc: artist / composer, album, release year, codec and bitrate, musicians performing (soloists, orchestras...), on the roughly basis of a single string for kind of tag.
- 3. Tracknumber** : abbreviated as T# and self-explaining too.
- 4. Opus** : left-aligned on the first ‘opustrack’ line (while truncated, lighter-coloured and right-aligned on the others), it displays the exact classical composition(s) of the disc [e.g. [Symphony no. 6 in F major “Pastoral”](#)].

¹ ... which is neither officially supported by the development team since the v. 0.9 release, nor is hosted on the primary site anymore. On the simple basis of me being perfectly happy with the ‘old’ version, I haven’t yet switched to the new one (some of their third-part plugins aren’t yet available, or stable). Though I guess it’s just a matter of time, and most probably I will update my settings for 0.9 in the near future, for the time being this topic’s arguments concern only version 0.83, which is still available here:

http://www.rjamorim.com/rrw/files/foobar2000/foobar2000_0.8.3_case.exe.

5. Opustrack : abbreviated as O#, it differs from the T# tag since it splits the **n** tracks of the album in $O_1 + O_2 + \dots + O_x$, **x** being the number of actual compositions / opus being present (of course, $x = n$ in the case of a single composition, say a Bruckner symphony). That is, the tag starts again with the '1' value with each new composition. This is required for a correct display of the 'opus' tag.

6. Title / Movement : since album and composition infos are previously shown, this column will deal with further additional info in the case of a single-track work, or movement infos in the most common case of multi-track compositions².

7. Length : self-explaining again, with the additional [(Time elapsed) of Length] pattern on the 'now playing' track.

As you see, the conceptual idea is a rather simple one: a clear separation between the 'Album' name and its content, each item of which is given a specific '**Opus**' tag and has its own column displayed along with another 'Opustrack' (O#) one – which assures the correct display of the work name. Moreover, the performing artists (soloists, orchestras, ensembles, conductors...) are given specific 'Performers#' tags as well, which are displayed immediately below the Album information. It goes without saying that the automatic tags provided by EAC's commandline(s) must be integrated with these further kind of tags, usually by means of Foobar's own 'Properties' and 'File Info box' panels. Both my current EAC commandlines³ give automatic tagging of the following fields:

"Artist" - "Album" - "Title" - "Tracknumber" - "Genre" - "Year" - "Comment"

...so the remaining ones must be manually added:

"Opus" - "Opustrack" - "Performers#"

... where # can be of **n** subsequent lines: for example,

"Performers1" is the soloist (e.g. 'Krystian Zimerman')

"Performers2" is the orchestra (e.g. 'Chicago Symphony Orchestra')

"Performers3" is the conductor (e.g. 'Pierre Boulez')

These tags will be displayed respectively in the 5th, 6th and 7th line of the second column, 'Album Information'. For each tag the playlist config is structured to display a single string for the whole album, following this pattern:

1 st string	Separation line	-----
2 nd string	Artist (composer)	Béla Bartók
3 rd string	Album	The Three Piano Concertos
4 th string	Year • Codec w/ Bitrate	1999 • WavPack 584 kbps
5 th string	Performers1 (soloist)	Krystian Zimerman
6 th string	Performers2 (orchestra)	Chicago Symphony Orchestra
7 th string	Performers3 (conductor)	Pierre Boulez

² For a work in a single movement we could have e.g. Opus = '[Also Sprach Zarathustra, op. 30](#)' and Title / Movement = 'Tone-poem for large orchestra after Friedrich Nietzsche'. Most commonly we deal with multi-tracks works where we'll have e.g. Opus = [Symphony no. 8 in B minor 'Unfinished'](#), with O₁'s Title / Movement 'I. Allegro moderato' and O₂'s 'II. Andante con moto'.

³ [**Flac**] : [-8 -V -T "artist=%a" -T "title=%t" -T "album=%g" -T "date=%y" -T "tracknumber=%n" -T "genre=%m" -T "comment=Exact Audio Copy 0.95 b3 Secure Mode / FLAC q8 v. 1.1.2" %s]

[**WavPack**] : [-w "artist=%a" -w "title=%t" -w "album=%g" -w "year=%y" -w "track=%n" -w "genre=%m" -w "comment=Exact Audio Copy 0.95 b3 + Wavpack 4.31 -x1" -hm -x1 %s %d]

Of course, these strings will be displayed if the album has at least seven tracks; if not, a different kind of tags could be deployed (e.g. if the album had only 5 tracks, a single abbreviated ‘Performer1’ tag like ‘Zimmerman - Chicago SO - Boulez’ would do fine), otherwise only partial info will be displayed (which could be not so detrimental, anyway). Now, this is just an example based on my own current preferences, so anyone can change the settings following their favourite patterns. Moreover, different kind of albums (piano solo, string quartets, chamber ensembles, opera, film music...) need their own approach, resulting in a simpler or more elaborate set of tags. I have compiled my config for a maximum of four optional ‘Performers#’ lines, but they can be diminished or augmented at will.

The same config works in the following way for jazz / rock albums, which are comprised in the other ‘**Modern music**’ playlist:

The screenshot shows a music player window titled 'Peter Erskine - Time Being - Ambleside'. The interface includes a playback control bar at the top, a central display area showing album art and track details, and a playlist at the bottom. The track details include: Artist: Peter Erskine, Title: Ambleside, Album: Time Being, Date: 1994, Genre: Jazz, Length: 3:09 of 6:38, Codec: WavPack, Bitrate: 707 Kbps, Compression: 1.00:1 [50%], Channels: Stereo, Bitdepth: 16, Samplerate: 44100 Hz, Trackgain: n/a, Albumgain: n/a, Filesize: 33.64 MB. The track progress is shown as 47%.

The playlist is divided into two tabs: 'Modern music' and 'Classical music'. The 'Modern music' tab is active, showing a list of tracks with columns for 'Pl.', 'Album Information', 'T#', 'Title / Movement', 'Performers', and 'Length'. The tracks are as follows:

Pl.	Album Information	T#	Title / Movement	Performers	Length
01		01	Terraces		7:09
02	Peter Erskine	02	For the time being	John Taylor, piano	5:12
03	Time Being	03	If only I had known	Palle Danielsson, double-bass	6:05
04	1994 • Jazz • WavPack 648 kbps	04	Evansong	Peter Erskine, drums	8:07
05		05	Page 172		6:01
06		06	Liten Visa till Karin		4:58
07		07	Bulgaria		4:47
08		08	Ambleside		3:09 of 6:38
09		09	Phrase one		5:19
10		10	Palle's headache		5:27
11		11	Pieds-en-l'air		4:39
12		01	Daddy's bare meat		8:20
13	Acid Mothers Temple and the Melting Para...	02	Suzie sixteen		4:36
14	Does the Cosmic Shepherd dream of Electr...	03	Hello good child		8:01
15	2004 • Psychedelic Rock • FLAC 711 kbps	04	The assassin's beautiful daughter		9:02
16		05	Dark star blues		25:13
17		06	The transmigration of hop heads		18:25

The status bar at the bottom shows: WavPack 707 kbit/s 44100 Hz Stereo 3:09 of 6:38 47% Peter Erskine - Time Being - Ambleside 6:38 -3.00 dB.

There are some obvious differences: the album info covers less strings, but I added the display of the ‘genre’ tag on the 4th line (it was unnecessary on the ‘classical’ playlist). There’s no need of ‘Opus’ and ‘Opus track’ columns, which are replaced with a ‘**Performers**’ one where the musicians playing can be shown, or at least some of them (of course depending also upon the number of tracks and therefore of available strings). I have set the config for accepting a further ‘Musician#’ tag with a maximum of 6 performers, but of course you can personalize this feature at will, or delete it as well if unnecessary. Other columns work in the usual way.

Appendix 1: **ADDITIONAL INFO**

Again, Foobar version is **0.83 (special installer)**

Screen resolution is **1024 x 768**

Playlist font is **Verdana, 8 pt.**

Track info panel info is **MS Sans Serif 8 pt.**

Strings are truncated approx. after **40** characters in the larger columns

Columns UI v. 0.1.2 has to be enabled.

Create at least two playlists: 1 - **Modern music** and 2 - **Classical music**

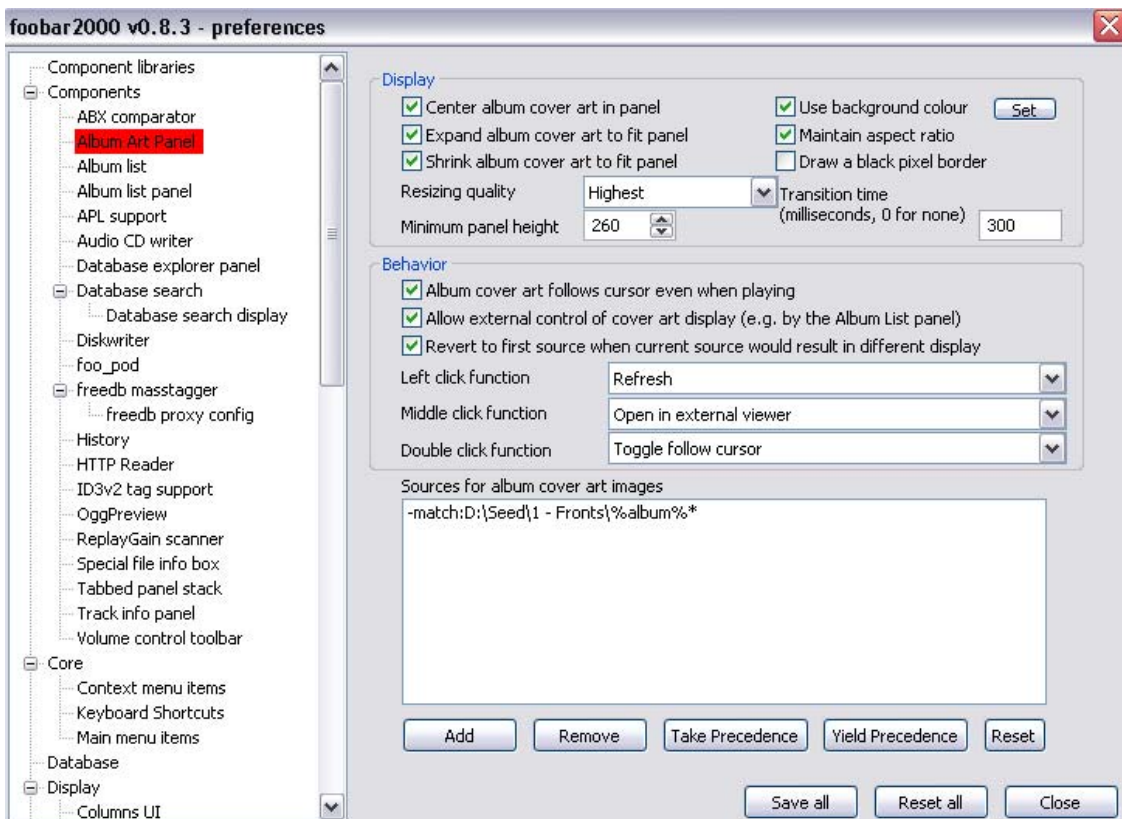
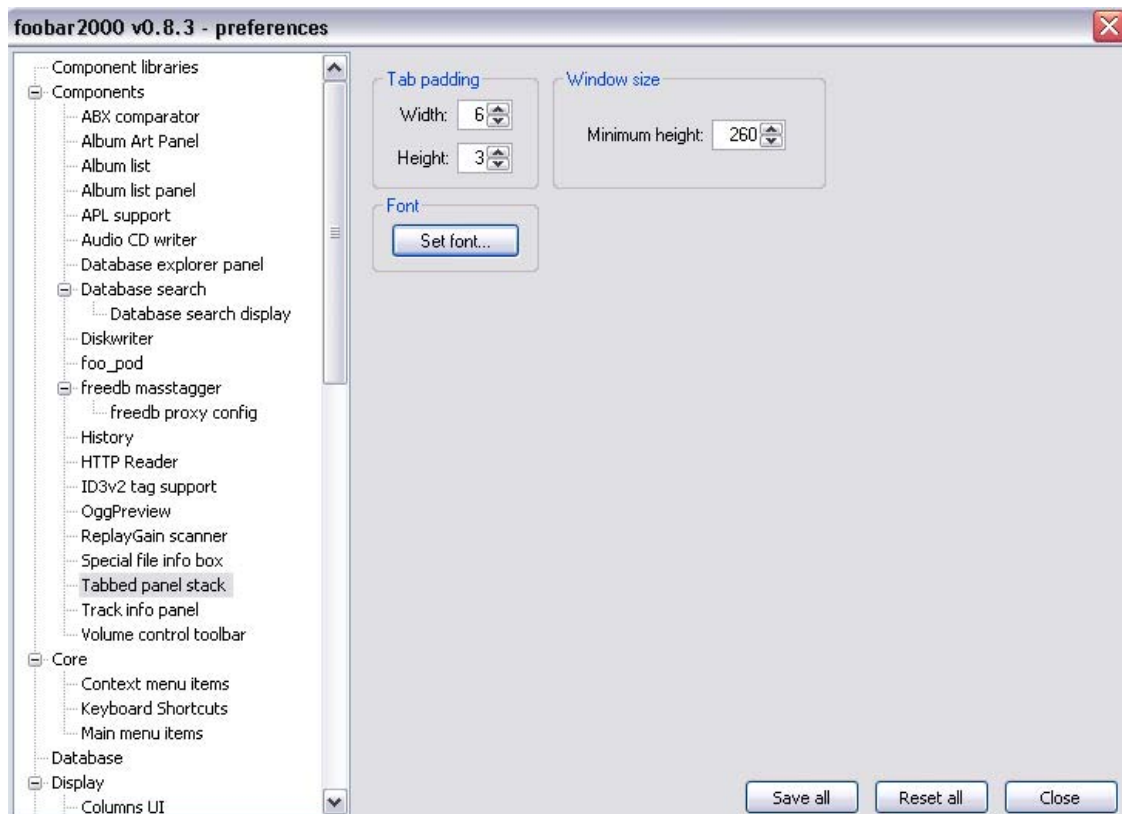
Colours global setting is a very simple one :

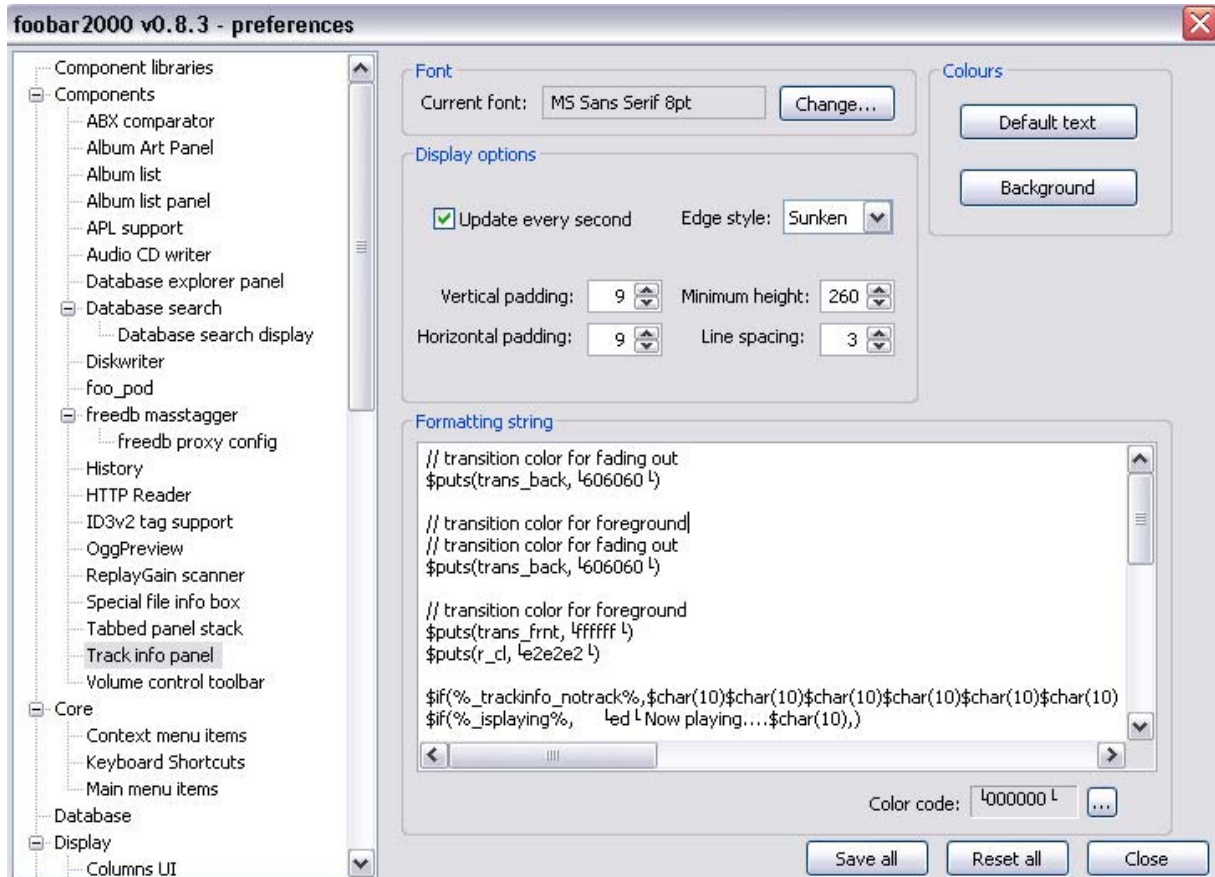
```
$rgb(33,48,53)|$rgb(33,48,53)|$if(%_isplaying%,$rgb(229,233,235),$rgb(229,233,235))|$if(%_isplaying%,$rgb(255,255,255),$rgb(255,255,255))|$if(%_isplaying%,$rgb(240,240,240),$rgb(240,240,240))|
```

To the default components which comes installed by default, I added these further plugins (some of them are not strictly necessary for the display config). Google a bit around for their 0.83 versions.

```
| |-- foo_dbsearch.dll  
| |-- foo_nero.dll  
| |-- foo_pod.dll  
| |-- foo_podclienc.dll  
| |-- foo_podtranscoder.dll  
| |-- foo_uie_albumart.dll  
| |-- foo_uie_albumlist.dll  
| |-- foo_uie_dbexplorer.dll  
| |-- foo_uie_tabs.dll  
| |-- foo_uie_trackinfo.dll  
| |-- foo_uie_volume.dll
```

Appendix 2: PANEL SETTINGS





Appendix 3: TRACK INFO PANEL FORMATTING STRING

```
// transition color for fading out
$puts(trans_back, ^ 606060^ )

// transition color for foreground
// transition color for fading out
$puts(trans_back, ^ 606060^ )

// transition color for foreground
$puts(trans_frnt, ^ ffffff^ )
$puts(r_cl, ^ e2e2e2^ )

Sif(%_trackinfo_notrack%,$char(10)$char(10)$char(10)$char(10)$char(10)$char(10)$char(1)$char(1)CNo
track playing,
Sif(%_isplaying%, ^ ed^ Now playing....$char(10),)
Sif(%artist%,Artist: ^ edecec ^ %artist%$char(10))
Sif(%opus%,Opus: ^ edecec ^ %opus%$char(10))
Sif(%title%,Title: ^ edee ^ %title%$char(10))
Sif(%album%,Album: ^ edecec ^ %album%$char(10))
Sif(%date%,Date: ^ edecec ^ %date%$char(10),Sif(%origyear%,Date:
^ edecec ^ %origyear%$char(10),))
Sif(%genre%,Genre: ^ edecec ^ %genre%$char(10),)

Length: ^ edecec ^ Sif(%_isplaying%,%_time_elapsed% of %_length%,%_length%)$char(10)
Codec: ^ edecec ^ %__codec% * ^ 9286f9^ Bitrate: ^ edecec ^
%__bitrate% Kbps Sif($stricmp(%__codec%,mp3),Sif($stricmp(%__extrainfo%,vbr),VBR,CBR))
Sif(%__lame_profile%,Preset: ^ edecec ^ %__lame_version% %__lame_profile%,)
* ^ 9286f9^ Compression:
^ edecec ^ $div(1411,%__bitrate%).$substr($muldiv(1411,100,%__bitrate%),2,3):1 ^ edee ^
'[ $muldiv(%__bitrate%,100,1411)%]'$char(10)
Channels:
^ edecec ^ Sif($stricmp($codec(),MP3),%__mp3_stereo_mode%,Sifgreater(%__channels%,1,Stereo
,Mono)) * ^ 9286f9^ Sif(%__bitspersample%,Bitdepth: ^ edecec ^ %__bitspersample% *
^ 9286f9^ ,) Samplerate: ^ edecec ^ %__samplerate% Hz$char(10)
Sif(%__replaygain_track_gain%,Trackgain: ^ edecec ^
%__replaygain_track_gain%,Trackgain: ^ edecec ^ 'n/a') * ^ 9286f9^
Sif(%__replaygain_album_gain%,Albumgain: ^ edecec ^
%__replaygain_album_gain%,Albumgain: ^ edecec ^ 'n/a') $char(10)
Filesize:
^ edecec ^ $div(%_filesize%,1048576).$left($num($muldiv($mod(%_filesize%,1048576),100,1048
576),2),2) 'MB'$char(10)

$char(1)C$transition(-----,$get(trans_back),$get(trans_frnt))$get(white)-
$transition(-----,$get(trans_frnt),$get(trans_back))$char(10)
$char(1)CTrack Progress
^ edecec ^ $muldiv(%_time_elapsed_seconds%,100,%_time_total_seconds%)'%'$char(10)
$char(1)C$progress2(%_time_elapsed_seconds%,
%_time_total_seconds%,100,^ ^ , ^ edecec ^ ^ )
)
```

Appendix 4: **MAIN WINDOW AND STATUS BAR** FORMATTING STRINGS

Main window title:

```
[%artist% ]$if(%opus%, [ - %opus% - ], [ - %album% - ])[%title%]
```

Status bar:

```
$puts(AltColour,$rgb(0,61,121))
$puts(AltColour2,$rgb(255,0,0))
$puts(AltColour3,$rgb(60,27,60))
$puts(pbarColour1,$rgb(0,61,121))
$puts(pbarColour2,$rgb(170,170,170))

$if($strcmp(%__codec%,'ATSC A/52'),'Dolby Digital AC3',
$if($info(lame_version),'Lame MP3',
$if($strcmp(%__codec%,'Musepack'),'Musepack',
$if($strcmp(%__codec%,'Vorbis'),'Ogg Vorbis',
$if($strcmp(%__codec%,'FLAC'),'FLAC lossless',
$if($strcmp(%__codec%,'Wavpack'),'Wavpack lossless',
$if($strcmp(%__codec%,'PCM'),'PCM uncompressed',
%__codec%
))))))

$set(AltColour)' '

[%__bitrate%' kbit/s'] [%__samplerate%' Hz']

$ifgreater(%__channels%,2,'%__channels%' channels',
$ifgreater(%__channels%,1,' Stereo ',
$ifgreater(%__channels%,0,' Mono ',
)))

L L , ,

%_time_elapsed%[' of '%_time_total%]

, ,

// progress bar
$if(%_time_total_seconds%
,
$progress2(%_time_elapsed_seconds%,%_time_total_seconds%,
10,
$set(pbarColour1)$char(9679),$set(pbarColour2)$char(9679)
)

L L , ,

$muldiv(%_time_elapsed_seconds%,100,%_time_total_seconds%)
```

```
' %'  
)
```

```
$get(AltColour2)'      '  
[%artist% ]$get(AltColour3)$if(%opus%, [ - %opus% - ], [ - %album% -  
])$get(AltColour)[%title%]
```

```
// paused status  
$if(%_ispaused%, $char(9)'Paused ')
```