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QUICK GUIDE: HOW TO CREATE MEDIA FILES FOR THE ESPRECIOUS

This *quick guide* explains you –in a few steps– how you can create media files for the Esprecious. Appendix 1 shows how you can import the media files into the Esprecious. *Note!* You need an SD card to import media files.

You can change and import four different sorts of media files:
1. Beverages
    The Esprecious shows eight beverage images as the machine can serve up to eight beverages. You can change the cup/mug images that Bravilor Bonamat supplies as standard yourself. A compressed ZIP file with all standard PNG cup/mug images is available on request 'PNG files of beverages'.
2. Screensaver: image
    You can change the image of the screensaver that appears after 3 minutes (if the machine is not in use and the screensaver mode is activated).
3. Background
    You can change the background image. The background image is visible behind the cups/mugs in the main menu.
4. Screensaver: video (with audio)
    You can convert an existing video to a smaller format so that the Esprecious can play it as screensaver video. The screensaver video appears after 3 minutes (if the machine is not in use and the screensaver mode is activated).

Note! You need an SD card to import new media files into the Esprecious.

1. BEVERAGES

The specifications of each beverage image need to be:
-   PNG file with a transparent background.
-   295 width x 210 height pixels.

Get started
-   Bravilor Bonamat can send you a compressed ZIP file 'PNG files of beverages'. This ZIP file contains all the beverage images (cups/mugs) that are being used by the machine as standard. These images already meet the above mentioned specifications. We recommend you to use the PNG files as starting point.

-   Then, you can add your company logo or coffee brand to the PNG files. Just make sure that the background remains transparent whilst saving the file. Therefore we advise you to use Adobe Photoshop or a similar photo edit programme. Make sure to save the files as PNG files.

-   Some customers might already have their own photography with branded cups/mugs and their own logo. In that case, just make sure that the images have a transparent background and meet the specifications as mentioned above.

-   When you save the PNG files make sure to keep the name of the file simple, like coffee, cappuccino, espresso, etc. Save the files onto your SD card.

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2. SCREENSAVER: IMAGE

The specifications of the screensaver need to be:
- JPG or PNG file. This media file does <u>not</u> need a transparent background.
- 600 width x 950 height pixels.

Get started
- Create one image. For the screensaver you can use a simple photo edit programme, like Paint.
  If you would like to use Paint, follow the following steps.

- Go to Paint (click on the Windows button at the bottom/left, choose: *All Programs*, *Accessories* and *Paint*)
  o Click on *Resize*
  o Select *Pixels*
  o Fill out Horizontal = 600 (make sure it says Pixels not Percentage!)
  o Fill out Vertical = 950
  o Click on *OK*
  o **Now you have created a basic white screensaver with the right specifications.**
  o Now you can copy and paste your preferred image(s), design or logo.
  o When you are ready developing your screensaver, choose *Save as* and *JPG* (use a short name, like Screensaver). Save the screensaver onto your SD card.

3. BACKGROUND

The specifications of the background image need to be:
- PNG file with a transparent background or JPG with a (dark) colour.
- 600 width x 1024 height pixels.
- We highly recommend you <u>not to use</u> a light colour or white. If you use a light coloured background you will not be able to read the beverages and/or see the white cups/mugs.

Get started
- Create one image. You can use Adobe Photoshop to create a transparent background (vector) image or you can use Paint to create a coloured background image. In that case, see point 2 above.
  Please make sure that the background image is not white!

- If you would like to use Adobe Photoshop, follow the following steps.
- Go to Adobe Photoshop.
  o Click on *File*
  o Click on *New*
    ▪ Name: Background
    ▪ Width: 600 pixels
    ▪ Height: 1024 pixels
    ▪ Resolution: 72 pixels/inch
    ▪ Color Mode: RGB Color 8 bit
    ▪ Background contents: Transparent
  o Click on *OK*
  o **Now you have created a basic transparent background with the right specifications.**
  o Now you can copy and paste your preferred image(s) or logo in the background.
  o When you are ready developing your background, choose *File* in the upper toolbar.
  o Choose *Save As* (File name = Background).
  o **<u>Make sure that the Save as type is PNG</u>** then click on *Save.* Save the background image onto your SD card.

How to actually import the beverage images, screensaver image and background into the Esprecious >> see appendix 1.

4. SCREENSAVER: VIDEO (WITH AUDIO/SOUND)

The right specifications of a screensaver video depend on various values and settings such as sound (or no sound), the quickness of the moving images and the animation itself.

We use the below specifications as guideline. However this can vary per video. Depending on the video the frame and bit rate need to be set higher or lower. We see it as learning by doing. You can keep adapting the specifications until you are satisfied with the result (and/or synchronous music/sound).

	Size (pixels)	Frame-rate (f/s)	Video bit rate (kb/s)	Audio bit rate (kb/s)	File format
Video	600 x ca. 340 (wxh)	15-24	≤ 400	-	MPEG-4
Video with audio/sound	600 x ca. 340 (wxh)	15	≤ 350	64	MPEG-4
Slide show (full screen)	600 x 1024 (wxh)	< 1	400	16	MPEG-4

The below steps are based on Adobe Premiere. Bravilor Bonamat works together with an agency for its Esprecious videos. We can ask this agency to make the proper adjustments to your existing video if required.

It is also possible to download a 30-day free trial of Adobe Premiere, see
https://creative.adobe.com/en/products/download/premiere

Getting started
- Open Adobe Premiere.
- Create a new project.
- Change the file name and location. *Note!* Do not use white spaces in the file name!

- Menu: → Window → make sure that the following windows are ticked off:
  o Effect Controls
  o Program Monitor
  o Project
  o Timeline
  You need those windows to do the following steps.

- Menu: → File → Import... and select your video in the browser.

- Drag the imported video from the window ***Project*** to the window ***Timeline***.
  The video is now ready to be edited.
  For your information: In the window ***Program*** you can press play and run the video.
  Now we need to change the format of the video.

Rotate the video and change the dimensions
- Menu: → Sequence → Sequence settings
  Change the size to *Frame Size*: 338 horizontal, 600 vertical

  Note: the video in the Esprecious will be rotated automatically. Therefore the values need to be filled out vice versa. The max width of the display is 600 pixels (so 600 needs to be filled out at vertical) and the height of the video (with screen 16:9) will be approx. 338 pixels. This number needs to be filled out at horizontal.

- Double click in the window ***Program*** on the video (this can be a black screen).
  The video will be activated in the window ***Effect Controls***.

- Select the window ***Effect Controls***. Click in the window on the tab of the correct video. Change the below values:
  o Video Effects → Motion → Rotation: 270°
  o Video Effects → Motion → Position: 169 and 300 (= Centre of '*test*' video)
  o Video Effects → Motion → Scale: make sure that the black screen is fully filled (in this case 94)

In the window **Program** you can press Play to run the video.
The video needs to run 90ºC counter clockwise and fully filled. If you still see black borders the scaling process did not go 100% right and adjustments need to be made.

Save: How do I export the video to MPEG-4 format?
- Select the window **Program** or **Timeline**
- Menu: → File → Export → Media
  For your information: The export menu opens. Change the below settings.
  The values of the bit rate can be seen as a guideline. The numbers will change per video to get the best result. In case of the 'test' video these are the correct settings.

  - Export Settings – Format: H.264
  - Export Settings – Preset: Custom
  - Export Settings – Output Name: *company-video* (note that the file name <u>cannot</u> have white spaces!)
  - Export Settings: Tick the square Video (and Audio if applicable)

- Select the video tab in the menu under Export Settings and change the following values/settings:
  - Basic Video Settings – Frame-rate: 15
  - Bit rate Settings – Bit rate Encoding: CBR
  - Bit rate Settings – Target Bit rate [Mbps]: 0,35

- Select the audio tab (only applicable if the square Export Settings has been ticked off at audio). Change the below values/settings:
  - Audio Format Settings – Audio format: AAC
  - Basic Audio Settings – Audio Codec: AAC
  - Basic Audio Settings – Channels: mono
  - Bit rate Settings [kbps]: 64

For your information: The guideline for the total target bit rate (video and audio together) is less than 0,4 Mbps (as is the case in the 'test' video). If the quickness of the video is still to slow or if the video and audio are not matching the total bit rate needs to be reduced. How more complicated the video, how lower the bit rate must be to get a proper video. If the bit rate is so low that the quality of the video itself gets pour, you might consider exporting the video without audio/sound.

How do I save the video on an SD card ensuring it runs automatically on the Esprecious
- The video or slide show must be MPEG-4.
- The file name <u>cannot</u> contain white spaces.
- The video <u>must</u> be saved in a folder on the SD card called **screensavervideos**.
- The SD card must stay in the Esprecious as the machine runs straight from the card.
- Make sure that the screensaver mode has been activated (see appendix 2).

If you use a video screensaver we advise you to also create a screensaver image (point 2) and import that media file to the Esprecious. The screensaver video and image will appear at the same time after 3 minutes.

Please contact Bravilor Bonamat for more information +31 (0)72 575 1751 or e-mail sales@bravilor.com.

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To see some examples of media files, please ask your Bravilor Bonamat contact person to send you this file:
'[Files screensavers, backgrounds and video](#)'.
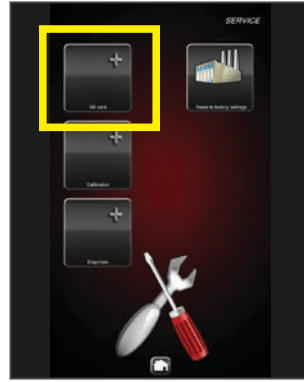
Step 1

- Open the front panel door with the key.
- Insert the SD card with your new media files.
- Press the black *P button*.
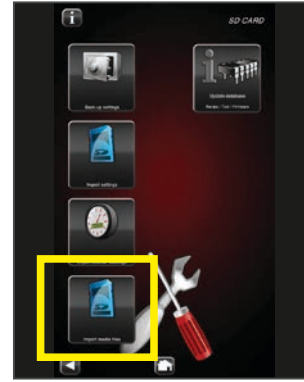
Step 2

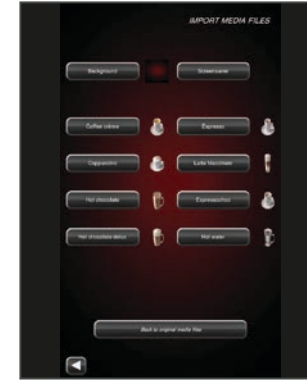- Click on *Service*.

Step 3

- Click on *SD card*.

Step 4

- Click on *Import media files*.

Note that if you have not inserted the SD card (properly), this button cannot be selected.

Step 5

Now you see thumbnails of all the current media files.

- Click on the button of the item you would like to change.

Step 6

Now you see the files that you have placed on your SD card.

- Select the media file you would like to add. It takes a couple of seconds to adjust the settings.

Step 7

When you changed the images, you see that the thumbnails have changed.

These are the images that will show in the main menu.

- Click on the *< symbol*.

Step 8

- Click on the *house symbol* to go back.

Step 9

- Click on the *red arrow* to go back.

Step 10

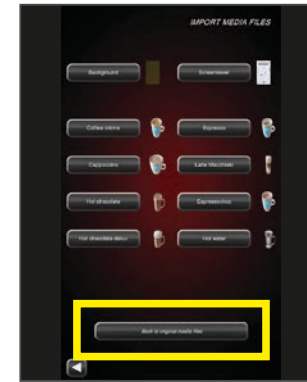Now you see the new interface that you have created:
- new background
- new beverage images

The Esprecious is ready to serve coffee again.

Step 11

To go back to the original media files follow step 1-4.

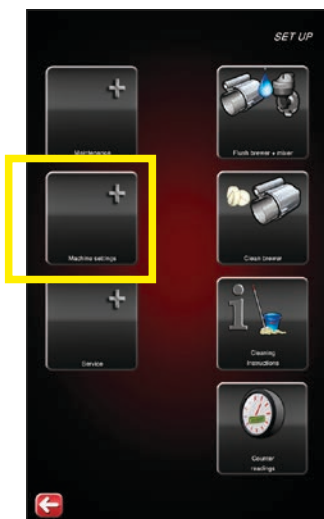- Select the button *Back to the original media files*.

And follow step 7-9.

Appendix 1

Instructions to turn the screensaver mode 'ON'.

Step 1

• Open the front panel door with the key.
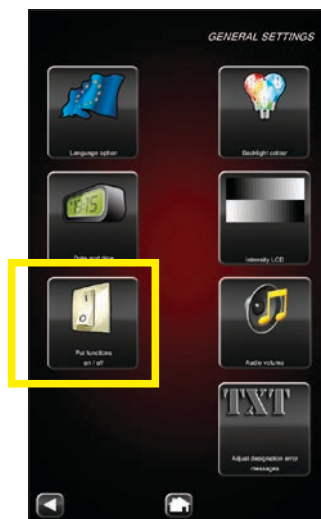
• Press on the black *P button.*

Step 2

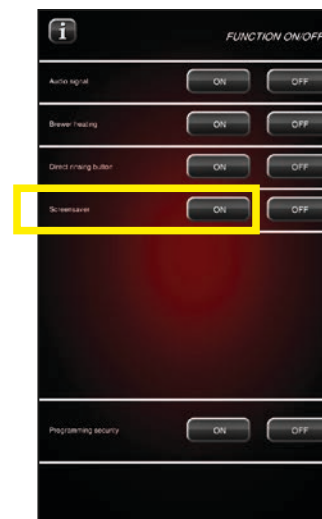• Click on *Machine Settings.*

Step 3

• Click on *General Settings.*

Step 4

• Click on *Put functions ON/OFF.*

Step 5

• Make sure the Screensaver is ON.