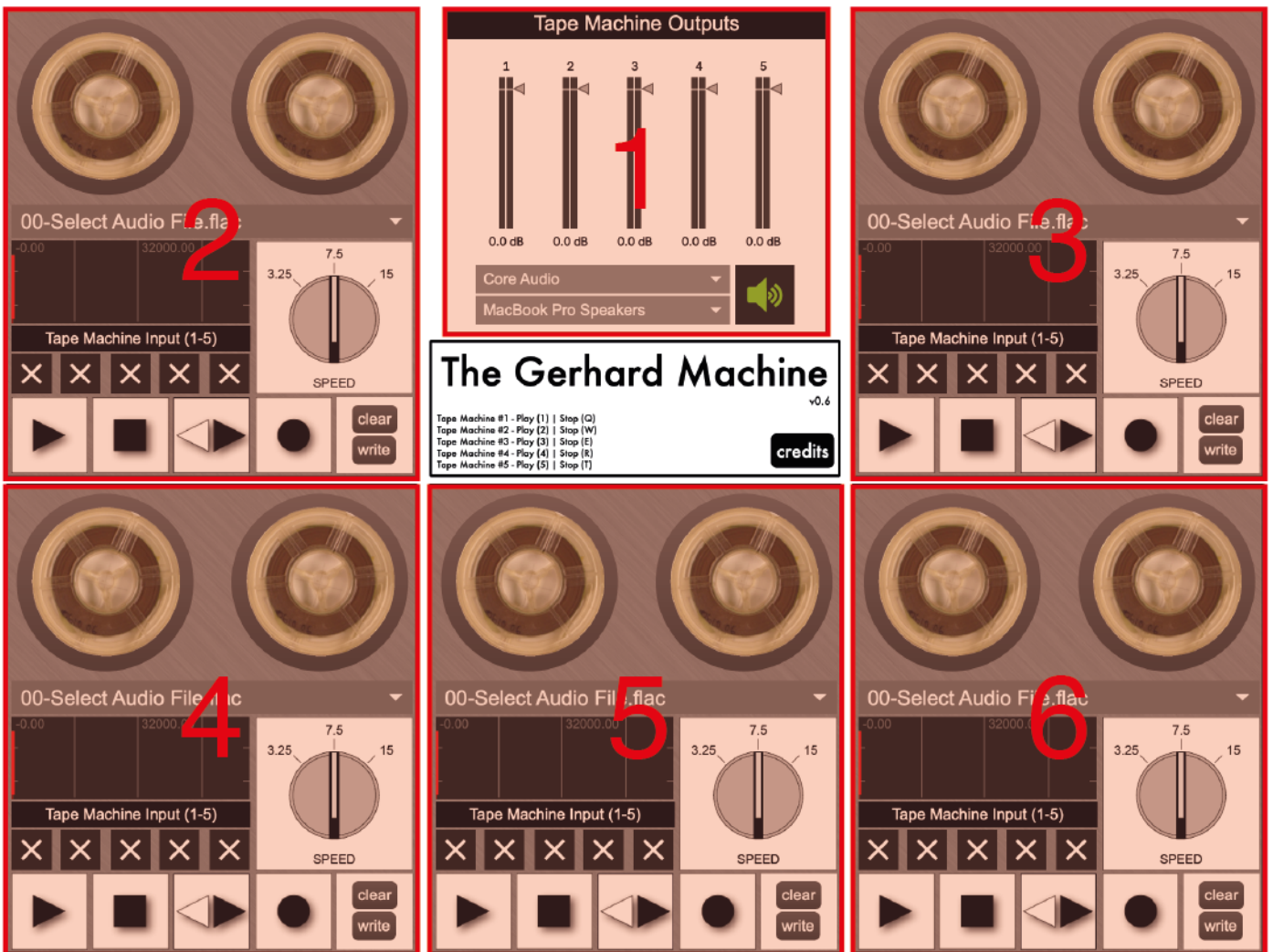


Revealed Gerhard

The Gerhard Machine

The *Gerhard Machine* is a digital approximation of the home studio of composer Roberto Gerhard. With this tool, you can load samples from the *Roberto Gerhard Sample Library* and manipulate and combine these sounds, before exporting them as digital audio files for your own musical projects.



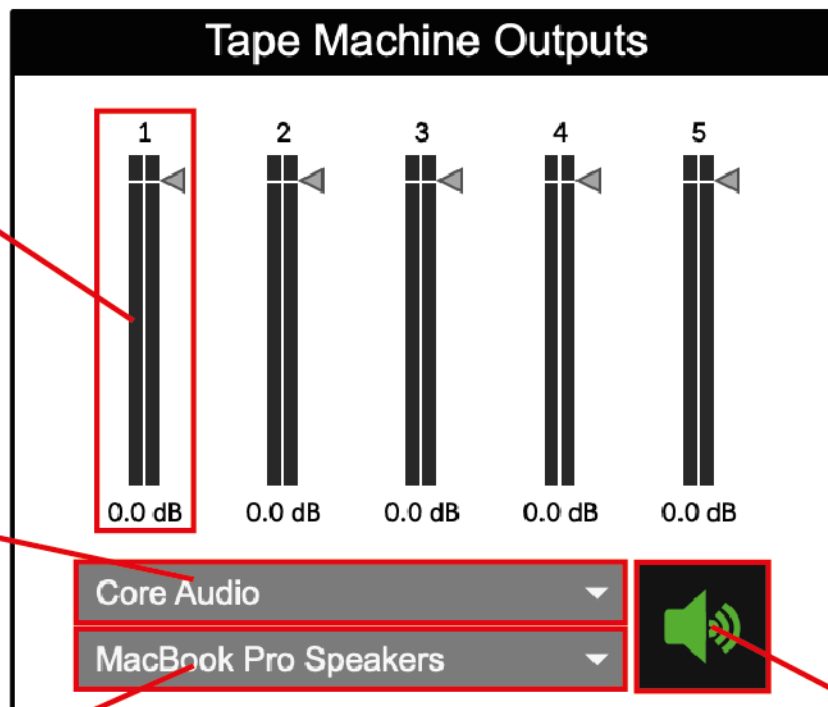
1 – Tape Machine Outputs

The Tape Machine Outputs panel monitors the sound outputs from each of the five tape machines (1-5; panels 2-6). You can also select your desired audio driver and sound output, and toggle the audio driver on and off by clicking on the speaker icon (green = on / red = off). If there is no sound, check these settings are correct.

Output level from
Tape Machine #1
(monitoring only)

Select audio
driver

Select audio
output



Toggle audio
output on/off

2-6 – Tape Machines 1-5

The Gerhard Machine has five tape machines, to which sound materials from the Roberto Gerhard Sample Library can be loaded, or manipulations of these sounds from one machine can be recorded to another. Using the controls on each tape machine you can change the way sounds are played back in a number of different ways.

The interface features two tape reels at the top. Below them is a waveform display for the selected audio file, '00-Select Audio File.flac', with a time scale from -6.310 to 32000.00. A red box highlights the waveform and the speed control section. The speed control includes a rotary knob with settings for 3.25, 7.5, and 15 ips, and a legend: 3.25 ips - 0.5x, 7.5 ips - 1x, 15ips - 2x. Below the waveform is the 'Tape Machine Input (1-5)' section, which has five buttons with 'X' marks. At the bottom, there are four main control buttons: 'Play audio' (right arrow), 'Stop audio' (square), 'Playback direction' (left and right arrows), and 'Record Mode On/Off' (circle). To the right of these buttons are 'clear' and 'write' buttons. Red lines connect text labels to these specific interface elements.

Waveform display of tape spool contents

Click to set position for tape playback

Audio file selection

Select playback speed

3.25 ips - 0.5x
 7.5 ips - 1x
 15ips - 2x

Tape Machine Input

Record audio outputs of Tape Machines 1-5 respectively

Audio file management

clear - clear audio
write - export audio

Play audio Stop audio Playback direction Record Mode On/Off

Gerhard Machine Functions

Playback Sound

1. Select an audio file in sample selection menu
2. In **Tape Machine #1** (2)
 - select tape playback position
 - select tape speed
 - push play

Record Sound

1. Ensure you can playback sound from **Tape Machine #1** (2), as above.
2. In **Tape Machine #2** (3)
 - select the first check box of Tape Machine Input (Tape Machine #1 Input)
 - turn record mode on
 - select starting point for tape recording
 - push play
3. In **Tape Machine #1** (2)
 - push play
 - (sound will record to Tape Spool #2)
 - push stop to end playback
4. In **Tape Machine #2** (3)
 - push stop to end recording

To record more than one input to a single Tape Machine, check more than one input box on the Tape Machine Input of the desired destination.

Export Sound

1. In **Audio File Management** (2)
 - click write on the tape spool you want to export
 - save audio file to a location on your computer