

DALINA String Ensemble Operation Manual

Oenkenstein Audio

DALINA STRING ENSEMBLE



Operation Manual

DALINA String Ensemble Operation Manual



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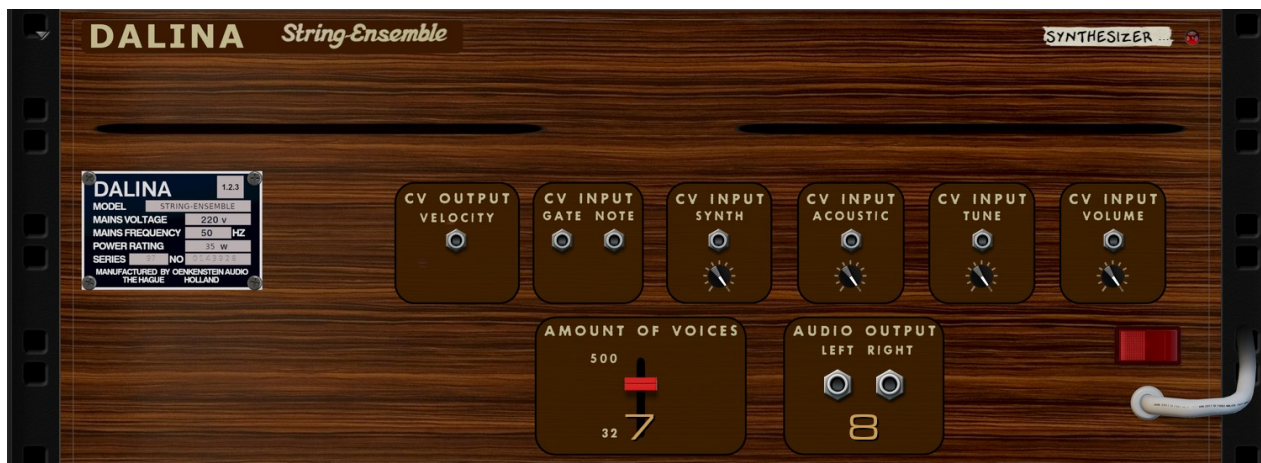
1 Introduction

Dalina String Ensemble Rack Extension is a string ensemble synthesizer combined with an acoustic orchestra.

Front panel:



Back panel:



1.1 Description

The Dalina String Ensemble is a synthesizer string ensemble modeled after a Solina String Ensemble at the studio. Build in 1974, manufactured by the firm Eminent at Bodegraven, The Netherlands. The synthesizer is combined with an acoustic symphonic orchestra section recorded by Leonard Ludvigsen.

Dalina String Ensemble uses 2 methods to generate sound:

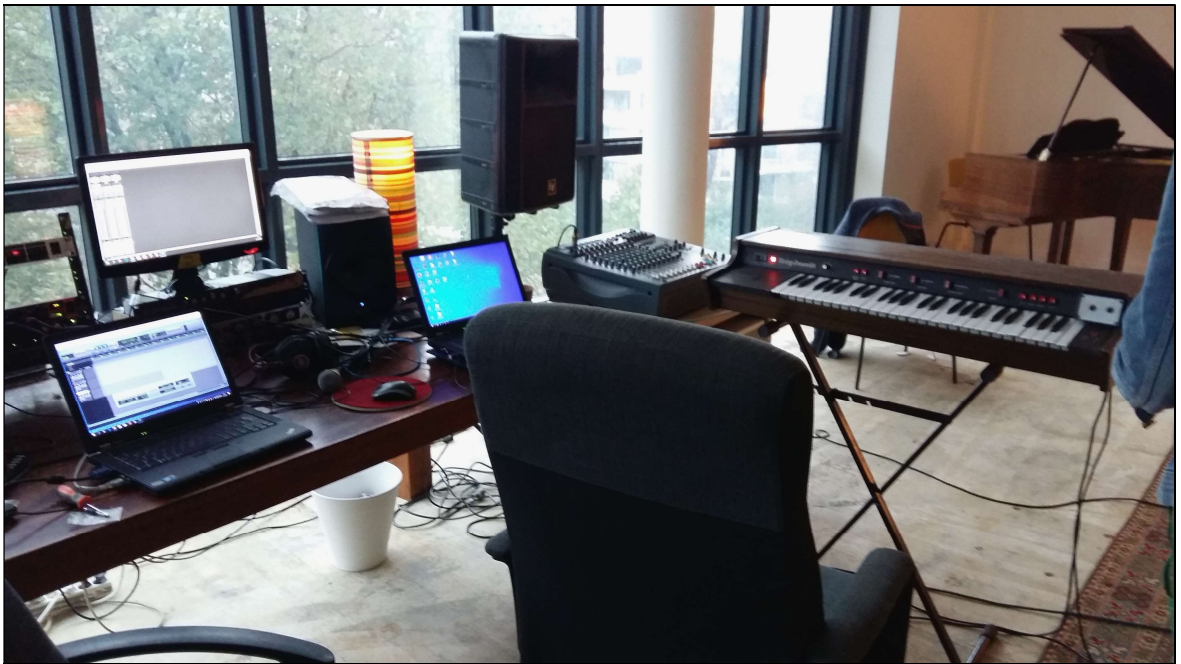
- With a 6 oscillator polyphonic synthesizer and a chorus effect.
- And an acoustic orchestra mixer. The acoustic orchestra mixer has 6 sub mixers for each section which name corresponds with the oscillator names on the synthesizer:
 - o Bass.
 - o Cello.
 - o Viola.
 - o Violin.
 - o Trumpet.
 - o Horn.

This device is for everyone who wants to:

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- Use the synthesizer to make a string ensemble sound used by artists from the seventies and onward. The String Ensemble is played by bands like Air, Joy Division, Tangerine Dream and The Cure.
- Use the Acoustic Orchestra strings to produce cinematic film score, classical score and many other genres.
- Go modular. The Dalina String Ensemble has CV inputs on the back panel.

The Dalina String Ensemble comes with 39 patches. Nine combinator patches require having Reason 12 installed.



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1.2 Specifications

- Minimal requirements for the Rack Extension: Duo Core based computer with at least 2 GHz processors, 4 GB of RAM and Reason Studios Reason 10.1 or higher running on Windows or Mac OSX.
- Type of device: Digital 6 oscillator polyphonic synthesizer and rompler.
- CV Inputs: 5.
- CV Output: 1.
- A stereo audio output.

2 Front of the device



The Dalina String Ensemble is divided in sections. A section shows a set of various automatable controllers like a display, knobs, on / off buttons or switches and faders.

The front panel has 3 sections: The String Ensemble synthesizer section (1), the Acoustic Orchestra Mixer section (2) and the main Mixer section (3).

2.1 Panel overview

- **Patch Browser.**
- **Logo.**
- **Device name.**
- **Note indicator.**
- **String Ensemble synthesizer (1) with:**
 - Tune knob.
 - Spread button.
 - Bass button.
 - Cello button.
 - Contra Bass Volume fader.
 - Crescendo (or Attack) fader.
 - Sustain Length (or Release) fader.
 - Synthesizer Volume fader.
 - Viola button.
 - Violin button.
 - Trumpet button.
 - Horn button.
 - Mod Chorus button.
- **Acoustic Orchestra Mixer (2) with:**
 - Bass sub mixer.
 - Sustain fader.
 - Vibrato fader.
 - Tremolo fader
 - Pizzicato fader.
 - Spiccato fader.

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- Cello sub mixer
 - Vibrato fader.
 - Tremolo fader.
 - Pizzicato fader.
 - Spiccato fader.
- Viola sub mixer
 - Sustain fader.
 - Tremolo fader.
 - Pizzicato fader.
 - Spiccato fader.
- Violin sub mixer
 - Vibrato fader.
 - Tremolo fader.
 - Pizzicato fader.
 - Spiccato fader.
- Trumpet sub mixer
 - Sustain fader.
 - Vibrato fader.
 - Straight fader.
 - Harmony fader.
 - Staccato fader.
- Horn sub mixer.
 - Sustain fader.
 - Staccato fader.
 - Muted fader.
- **Mixer (3)** with.
 - Acoustic Volume fader
 - Master Volume fader.

3 Panel front



3.1 String Ensemble synthesizer

The Dalina String Ensemble synthesizer panel has 1 knob, 8 buttons and 4 faders.

3.1.1 1: Tune knob

The Tune knob allows you to pitch the Dalina 1 semitone up or down. The tune knob tunes both the synthesizer and the acoustic orchestra mixer.



- **1: Tune** (Tune): Determines the tuning or pitch played (Scale: -50 Cents / 50 Cents. Default: 0 Cents).

3.1.2 2: Spread button

The spread button toggles between 2 panning modes: On and Off. When turned On, both the synthesizer and the acoustic mixer will provide a stereo panning based on the key played. Notes F0 to Ais2 are panned to the left channel. Notes B2 to F6 are panned to the right channel. When turned to Off, no spreading will be applied.



- **2: Spread** (Spread On Off): Determines whether Spread is added to the signal chain (Scale: On / Off. Default: Off).

3.1.3 3: Bass button

When turned to On, the Bass button adds a Contra Bass oscillator to the synthesizer. The Bass notes ranges from C1 to G2.



- **3: Bass** (Contra Bass On Off): Determines whether the Contra Bass oscillator is added to the signal chain off the synthesizer. (Scale: On / Off. Default: On).

3.1.4 4: Cello button

When turned to On, the Cello button adds a Cello oscillator to the synthesizer. The Cello notes ranges from C2 to G3.



- **4: Cello** (Cello On Off): Determines whether the Cello oscillator is added to the signal chain off the synthesizer. (Scale: On / Off. Default: On).

3.1.5 5: Bass Volume fader



- **5: Bass Fader** (Volume Bass): Determines the volume of the Contra Bass (Scale: (-∞ dB / 0,0 dB. Default: -11,8 dB).

3.1.6 6: Crescendo fader

Crescendo is the other term for attack.



- **6: Crescendo Fader** (Crescendo): Determines the attack time of the note to be played. (Scale: 0,0 ms / 16 s. Default: 0,0 ms).

3.1.7 7: Sustain Length fader

Sustain Length is the other term for release



- **7: Sustain Len Fader** (Sustain Length): Determines the release time of the note to be played. (Scale: 0,0 ms / 16 s. Default: 385 ms).

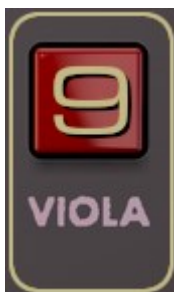
3.1.8 8: Synthesizer Volume fader



- **1: Volume Fader** (Volume Synthesizer): Determines the volume of the synthesizer (Scale: $-\infty$ dB / 0,0 dB. Default: 0,0 dB).

3.1.9 9: Viola button

When turned to On, the Viola button adds a Viola oscillator to the synthesizer. The Viola notes ranges from C2 to C6.



- **9: Viola** (Viola On Off): Determines whether the Viola oscillator is added to the signal chain off the synthesizer. (Scale: On / Off. Default: Off).

3.1.10 10: Violin button

When turned to On, the Violin button adds a Violin oscillator to the synthesizer. The Violin notes ranges from C3 to C7.



- **10: Violin** (Violin On Off): Determines whether the Violin oscillator is added to the signal chain off the synthesizer. (Scale: On / Off. Default: On).

3.1.11 11: Trumpet button

When turned to On, the Trumpet button adds a Trumpet oscillator to the synthesizer. The Trumpet notes ranges from C2 to C6.



- **11: Trumpet** (Trumpet On Off): Determines whether the Trumpet oscillator is added to the signal chain off the synthesizer. (Scale: On / Off. Default: On).

3.1.12 12: Horn button

When turned to On, the Horn button adds a Horn oscillator to the synthesizer. The Horn notes ranges from C2 to C6.



- **12: Horn** (Horn On Off): Determines whether the Horn oscillator is added to the signal chain off the synthesizer. (Scale: On / Off. Default: On).

3.1.13 13: Mod Chorus button

When turned to On, the Mod button adds a Chorus effect to both the synthesizer and the acoustic orchestra mixer.



- **13: Mod** (Modulation On Off): Determines whether a Chorus effect is added to the signal chain for both the synthesizer and the acoustic orchestra mixer. (Scale: On / Off. Default: Off).

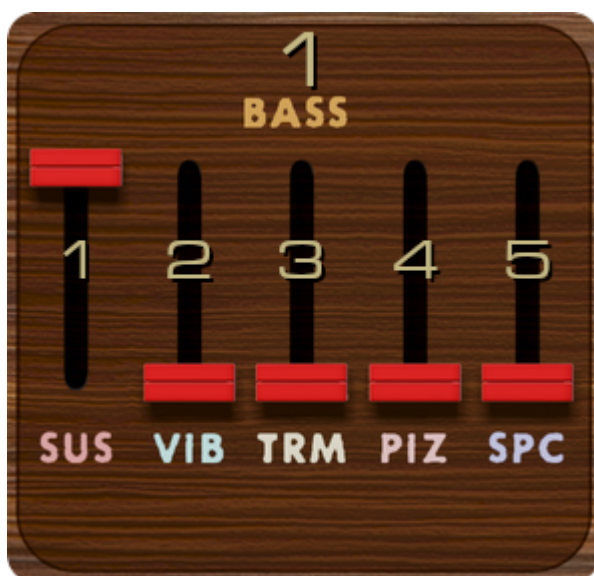
3.2 Acoustic Orchestra Mixer



The Acoustic Orchestra Mixer has 6 sub mixers (1 - 6) with 25 faders. The audio output of the sub mixers goes to the Ac Vol (or Volume Acoustic Orchestra), a part of the main Mixer (see chapter 3.3).

3.2.1 Sub mixer 1: Bass

The Contra Bass notes ranges from E0 to B2 and has 2 velocity layers



- **1: Sus Fader** (Volume Bass Sustain): Determines the volume off the Contra Bass Sustain (Scale: $-\infty$ dB / 0,0 dB. Default: 0,0 dB).

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- **2: Vib Fader** (Volume Bass Sustain Vibrato): Determines the volume off the Contra Bass Sustain Vibrato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **3: Trm Fader** (Volume Bass Tremolo): Determines the volume off the Contra Bass Tremolo (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **4: Piz Fader** (Volume Bass Pizzicato): Determines the volume off the Contra Bass Pizzicato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **5: Spc Fader** (Volume Bass Spiccato): Determines the volume off the Contra Bass Spiccato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).

3.2.2 Sub mixer 2: Cello

The Cello notes ranges from C1 to F4 and has 2 velocity layers.



- **6: Vib Fader** (Volume Cello Sustain Vibrato): Determines the volume off the Cello Sustain Vibrato (Scale: $-\infty$ dB / 0,0 dB. Default: 0,0 dB).
- **7: Trm Fader** (Volume Cello Tremolo): Determines the volume off the Cello Tremolo (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **8: Piz Fader** (Volume Cello Pizzicato): Determines the volume off the Cello Pizzicato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **9: Spc Fader** (Volume Cello Spiccato): Determines the volume off the Cello Spiccato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).

3.2.3 Sub Mixer 3: Viola

The Viola notes ranges from C2 to D5 and has 2 velocity layers for Sustain Vibrato and Tremolo, but 4 velocity layers for Pizzicato and Spiccato.



- **10: Sus Fader** (Volume Viola Sustain Vibrato): Determines the volume off the Viola Sustain Vibrato (Scale: $-\infty$ dB / 0,0 dB. Default: 0,0 dB).
- **11: Trm Fader** (Volume Viola Tremolo): Determines the volume off the Viola Tremolo (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **12: Piz Fader** (Volume Viola Pizzicato): Determines the volume off the Viola Pizzicato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **13: Spc Fader** (Volume Viola Spiccato): Determines the volume off the Viola Spiccato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).

3.2.4 Sub Mixer 4: Violin

The Violin notes ranges from G2 to D5 and has 2 velocity layers for Sustain Vibrato and Tremolo, but 4 velocity layers for Pizzicato and Spiccato.



- **14: Vib Fader** (Volume Violin Sustain Vibrato): Determines the volume off the Violin Sustain Vibrato (Scale: $-\infty$ dB / 0,0 dB. Default: 0,0 dB).
- **15: Trm Fader** (Volume Violin Tremolo): Determines the volume off the Violin Tremolo (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **16: Piz Fader** (Volume Violin Pizzicato): Determines the volume off the Violin Pizzicato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).

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- **17: Spc Fader** (Volume Violin Spiccato): Determines the volume off the Violin Spiccato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).

3.2.5 Sub Mixer 5: Trumpet

The Trumpet notes ranges from F2 to D5 and has 2 velocity layers for Sustain, Sustain Vibrato, Straight and Harmony, but 6 velocity layers for Staccato.



- **18: Sus Fader** (Volume Trumpet Sustain): Determines the volume off the Trumpet Sustain (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **19: Vib Fader** (Volume Trumpet Sustain Vibrato): Determines the volume off the Trumpet Sustain Vibrato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **20: Str Fader** (Volume Trumpet Straight): Determines the volume off the Trumpet Straight (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **21: Har Fader** (Volume Trumpet Harmony): Determines the volume off the Trumpet Harmony (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **22: Sta Fader** (Volume Trumpet Staccato): Determines the volume off the Trumpet Staccato (Scale: $-\infty$ dB / 0,0 dB. Default: 0,0 dB).

3.2.6 Sub Mixer 6: Horn

The Horn notes ranges from A0 to F4 and has 1 to 4 velocity layers for Sustain, 4 to 6 velocity layers for Staccato and 2 velocity layers for Muted.

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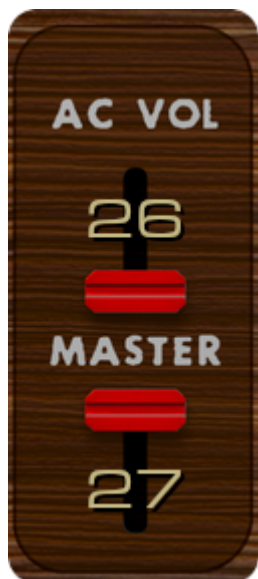
- **23: Sus Fader** (Volume Horn Sustain): Determines the volume off the Horn Sustain (Scale: $-\infty$ dB / 0,0 dB. Default: -0,0 dB).
- **24: Sta Fader** (Volume Horn Staccato): Determines the volume off the Horn Staccato (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **25: Mut Fader** (Volume Horn Muted): Determines the volume off the Horn Muted (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).

3.3 Mixer



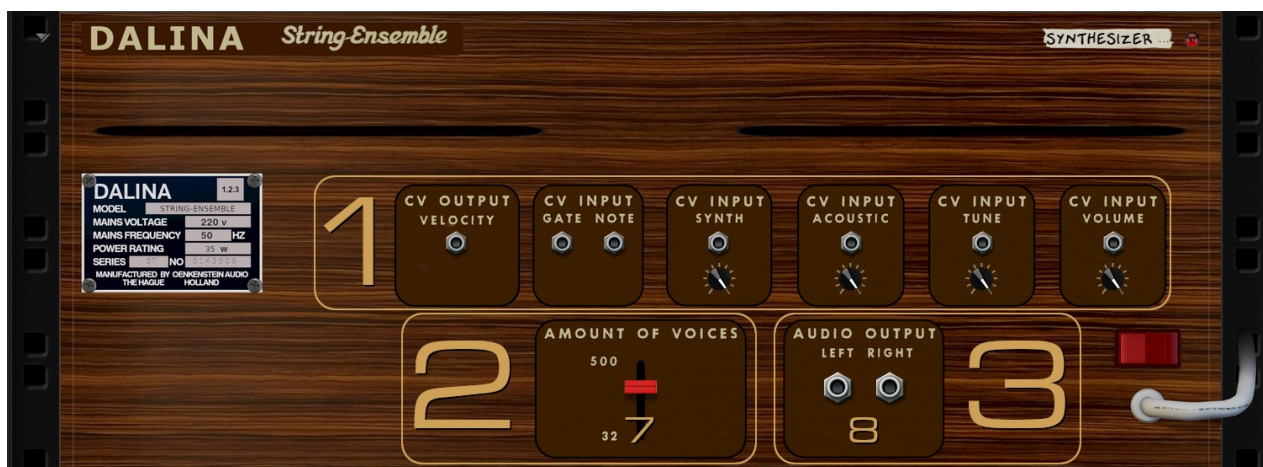
The Mixer has 2 faders.

3.3.1 Mixer faders



- **26: Acoustic Orchestra Volume fader:** Determines the volume of the acoustic orchestra mixer (Scale: $-\infty$ dB / 0,0 dB. Default: $-\infty$ dB).
- **27: Master Volume fader:** Determines the volume of the Master The Master is the summing of the audio from both the synthesizer and the acoustic orchestra mixer (Scale: $-\infty$ dB / 0,0 dB. Default: 0,0 dB).

4 Back of the device



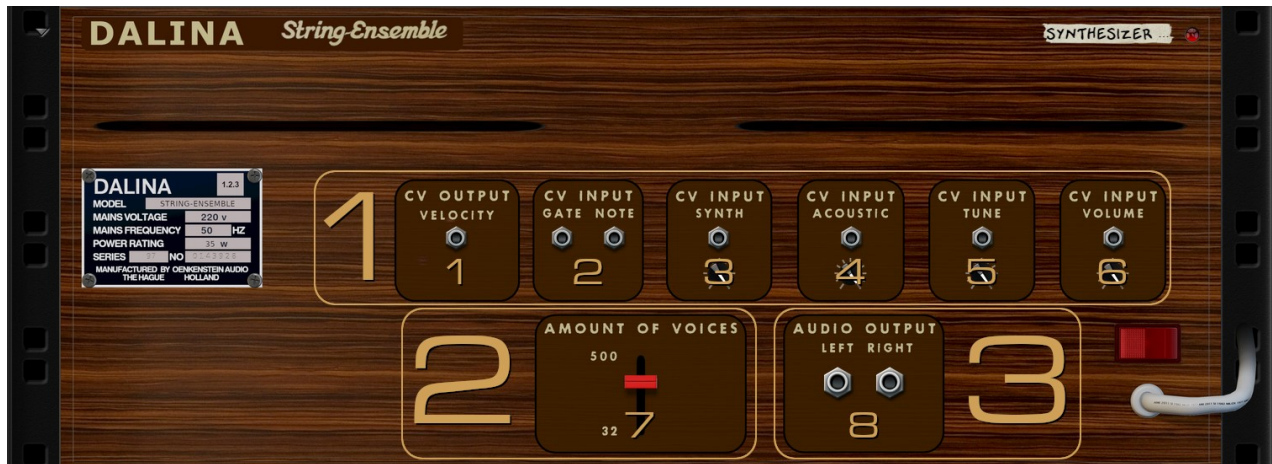
4.1 Panel overview

- **Logo.**
- **Device name.**
- **Note indicator.**
- **Manufacturing plate.**
- **CV Output and Input panel (1) with:**
 - CV Output:
 - Velocity CV Output.
 - CV Inputs:
 - Gate and Note CV Inputs.
 - Volume Synthesizer CV Input.
 - Volume Acoustic Orchestra CV Input.
 - Tune CV Input.

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- Volume Master CV Input.
- **Amount of Voices** panel (2).
 - Max Amount Voices Fader.
- **Audio Output** panel (3):
 - Audio Outputs Left and Right.

5 Panel back



Dalina String Ensemble is divided in panels, each with one or more sections. Each section displays a set of various non - automatable controllers like Audio Output, CV input / output sockets and trim knobs.

The back panel has 3 sections: CV Output and Input section (1), Amount of Voices section (2) and the main Audio Output section (3).

5.1 CV Output and Input



- **CV Output and Input** panel (1) with:
 - CV Output:
 - 1: Velocity CV Output.
 - CV Inputs:
 - 2: Gate and Note CV Inputs.
 - 3: Volume Synthesizer CV Input.
 - 4: Volume Acoustic Orchestra CV Input.
 - 5: Tune CV Input.
 - 8: Volume Master CV Input.

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5.1.1 1: Velocity CV Output



- **1: Velocity CV Output:** CV output socket. Sends CV information to other devices about the velocity of the note played.

5.1.2 2: Gate and Note CV Inputs



- **2: Gate and note CV Inputs:** Control Voltage input sockets to receive Gate and Note information from other devices.

5.1.3 3: Volume Synthesizer CV Input



- **3: Volume Synthesizer CV Input:** Control Voltage input socket to receive and control the Volume of the synthesizer. The trim knob under to the input socket determines the amount of CV applied.

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5.1.4 4: Volume Acoustic Orchestra CV Input



- **4: Volume Acoustic Orchestra CV Input:** Control Voltage input socket to receive and control the Volume of the acoustic orchestra. The trim knob under the input socket determines the amount of CV applied.

5.1.5 5: Tune CV Input



- **5: Tune CV Input:** Control Voltage input socket to receive and control the tuning or pitch of the Dalina.

Please note: The tuning on the front panel ranges 1 semitone up or down. The internal tuning when CV input is used ranges from -36 semitones to + 36 semitones. Make sure you set a very low level CV input before you attach the CV cable to the socket. The trim knob under the input socket determines the amount of CV applied.

5.1.6 6: Volume Master CV Input



- **6: Volume Master CV Input:** Control Voltage input socket to receive and control the Master Volume. The trim knob under the input socket determines the amount of CV applied.

5.2 Amount of Voices



5.2.1 1: Maximum Amount of Voices

- **7: Max Amount Voices:** Fader to control the the maximum amount of voices used by the Dalina string Ensemble.

The rompler to produce the sound of the acoustic orchestra contains 975 recordings and playing all the instruments at once might overload the audio buffer and result in crackling audio. Reduce the amount of voices when the crackling of audio appears and increase the buffer size setting of your audio card in preferences in Reason. The default amount of 350 voices allows 10 notes polyphony. (Scale: 32 voices / 500 voices. Default: 350 voices).

5.3 Audio Output



5.3.1 1: Audio Output Left and Right

- **1: Left / Mono Out and Right Out:** Audio output sockets. These are the main audio Left / Mono and Right outputs. When you create a new Dalina String Ensemble device, these outputs are auto-routed to the first available channel in the Reason main mixer.

6 Patch List

List of all the patches released with the Dalina String Ensemble Rack Extension. Included are 39 effects patches made by three sound designers.

6.1 The sound designers

- Bes, made an Modern Dusty combinator patch.
- Loque, made patches for both the string ensemble, like an double arpeggiator and an acoustic orchestra full with effects.
- Oenkenstein, made all the other patches.

6.2 Folder structure

The number behind the folder names indicates the amount of patches the folder contains.

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Root (26)

- 001 Synthesizer Ensemble (6)
- 002 Acoustic Orchestra (12)
- 003 Combinators Reason 12 or Higher (9)

Root folder:

- Best of Both Worlds.cmb
- Brass Section.repatch
- Brass Suspense.repatch
- Orchestra Dreamy.repatch
- Orchestra Pizzicato.repatch
- Orchestra Spiccato.repatch
- Orchestra Sustain.repatch
- Orchestra Tremolo.repatch
- Plucky Strings.repatch
- Slow Strings Ensemble.repatch
- Synthesizer Strings.repatch
- Together.repatch

001 Synthesizer Ensemble folder:

- 001 Strings Ensemble.repatch
- 002 Slow Strings Ensemble Spread.repatch
- 003 Slow Strings Ensemble.repatch
- 004 Short Strings Ensemble.repatch
- 005 Reverse Strings Ensemble.repatch
- 006 Never Ending Strings Ensemble.repatch

002 Acoustic Orchestra folder:

- Cello and Brass Section.repatch
- Contra Bass and Brass.repatch
- Contra Bass and Cello with Viola Tremolo.repatch
- Contra Bass and Cello with Viola.repatch
- Contra Bass and Trumpet.repatch
- Contra Bass and Violin.repatch
- Orchestra Pizzicato.cmb
- Orchestra Spiccato.cmb
- Orchestra Sustain.cmb
- Orchestra Tremolo.cmb
- Strings and Brass Section Pizzicato.repatch
- Strings Section Tremolo.repatch

003 Combinators Reason 12 or Higher:

- Dirty Snide - LQ.cmb
- Doubled Arped - LQ.cmb
- Modern Dusty - Bes.cmb
- Orchestra Pizzicato.cmb
- Orchestra Spiccato.cmb
- Orchestra Sustain.cmb
- Orchestra Tremolo.cmb
- String Ensemble.cmb
- The Wide Epic - LQ.cmb

7 Credits

- Reasontalk, beta test forum hosting.
- Reasonstudios Software AB for their support.
- Bes, for the signature combinator patch.
- Loque, advice on graphics and came with some cool combinator patches.

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- All the beta testers for their bug reports, advice and suggestions.
- Leonard Ludvigsen, providing the recordings of the orchestra under Creative Commons 0 license.
- Peter Wassenaar from studio Drie Hoog for providing his Solina 1974 String Ensemble.

8 MIDI Implementation Chart

In the table below, first the MIDI CC Number is mentioned and is followed by the name of the controller in the Dalina String Ensemble:

12	Tune
13	Spread On Off
14	Contra Bass On Off
15	Cello On Off
16	Volume Bass
17	Crescendo
18	Sustain Length
19	Volume Synthesizer
20	Viola On Off
21	Violin On Off
22	Trumpet On Off
23	Horn On Off
24	Modulation On Off
25	Volume Bass Sustain
26	Volume Bass Sustain Vibrato
27	Volume Bass Tremolo
28	Volume Bass Pizzicato
29	Volume Bass Spiccato
30	Volume Cello Sustain Vibrato
31	Volume Cello Tremolo
33	Volume Cello Pizzicato
34	Volume Cello Spiccato
35	Volume Viola Sustain Vibrato
36	Volume Viola Tremolo
37	Volume Viola Pizzicato
39	Volume Viola Spiccato
40	Volume Violin Sustain Vibrato
41	Volume Violin Tremolo
42	Volume Violin Pizzicato
43	Volume Violin Spiccato
44	Volume Trumpet Sustain
45	Volume Trumpet Sustain Vibrato
46	Volume Trumpet Straight
47	Volume Trumpet Harmony
48	Volume Trumpet Staccato
49	Volume Horn Sustain
50	Volume Horn Staccato
51	Volume Horn Muted

9 Device Remote information

Scope				
Manufacturer	Model			
Oenkenstein Audio	nl.oenkenstein.DALINA			
Remotable	Min	Max	Input type	Output type
Volume Bass Sustain	0	4194304	Value	ValueOutput
Volume Bass Sustain Vibrato	0	4194304	Value	ValueOutput
Volume Bass Tremolo	0	4194304	Value	ValueOutput
Volume Bass Pizzicato	0	4194304	Value	ValueOutput
Volume Bass Spiccato	0	4194304	Value	ValueOutput
Volume Cello Sustain Vibrato	0	4194304	Value	ValueOutput
Volume Cello Tremolo	0	4194304	Value	ValueOutput
Volume Cello Pizzicato	0	4194304	Value	ValueOutput
Volume Cello Spiccato	0	4194304	Value	ValueOutput
Volume Viola Sustain Vibrato	0	4194304	Value	ValueOutput
Volume Viola Tremolo	0	4194304	Value	ValueOutput
Volume Viola Pizzicato	0	4194304	Value	ValueOutput
Volume Viola Spiccato	0	4194304	Value	ValueOutput
Volume Violin Sustain Vibrato	0	4194304	Value	ValueOutput
Volume Violin Tremolo	0	4194304	Value	ValueOutput
Volume Violin Pizzicato	0	4194304	Value	ValueOutput
Volume Violin Spiccato	0	4194304	Value	ValueOutput
Volume Trumpet Sustain	0	4194304	Value	ValueOutput
Volume Trumpet Sustain Vibrato	0	4194304	Value	ValueOutput
Volume Trumpet Straight	0	4194304	Value	ValueOutput
Volume Trumpet Harmony	0	4194304	Value	ValueOutput
Volume Trumpet Staccato	0	4194304	Value	ValueOutput
Volume Horn Sustain	0	4194304	Value	ValueOutput
Volume Horn Staccato	0	4194304	Value	ValueOutput
Volume Horn Muted	0	4194304	Value	ValueOutput
Volume Acoustic Orchestra	0	4194304	Value	ValueOutput
Volume Master	0	4194304	Value	ValueOutput
Tune	0	4194304	Value	ValueOutput
Spread On Off	0	1	Toggle	ValueOutput
Contra Bass On Off	0	1	Toggle	ValueOutput
Cello On Off	0	1	Toggle	ValueOutput
Volume Bass	0	4194304	Value	ValueOutput
Crescendo	0	100	Value	ValueOutput
Sustain Length	0	100	Value	ValueOutput
Volume Synthesizer	0	4194304	Value	ValueOutput
Viola On Off	0	1	Toggle	ValueOutput
Violin On Off	0	1	Toggle	ValueOutput
Trumpet On Off	0	1	Toggle	ValueOutput
Horn On Off	0	1	Toggle	ValueOutput
Modulation On Off	0	1	Toggle	ValueOutput
Mod Wheel	0	127	Value	ValueOutput
Breath Control	0	127	Value	ValueOutput
Expression	0	127	Value	ValueOutput
Sustain Pedal	0	127	Value	ValueOutput

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Aftertouch	0	127	Value	ValueOutput
Pitch Bend	-8192	8191	Value	ValueOutput
Device Name	0	0	-	TextOutput
Patch Name	0	0	-	TextOutput
Select Patch Delta	0	0	Delta	TextOutput
Select Previous Patch	0	0	Trig	TextOutput
Select Next Patch	0	0	Trig	TextOutput