

STALACTITES



**ROBERT
LANGENFELD**

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STALACPIPES

About The Great Stalacpipe Organ

"The Great Stalacpipe Organ is an electrically actuated lithophone located in Luray Caverns, Virginia, USA. Covering 3.5 acres of the cavern, it is considered the world's largest instrument by Guinness World Records.

Leland W. Sprinkle created the Great Stalacpipe Organ over three years by finding and shaving appropriate stalactites to produce specific notes. He then wired a mallet for each stalactite that is activated by pressing an associated key on the instrument's keyboard. The stalactites are distributed through approximately 3.5 acres (14,000 m²) of the caverns but can be heard anywhere within its 64-acre (260,000 m²) confines."

- Source: https://en.wikipedia.org/wiki/Great_Stalacpipe_Organ

About "Stalacpipes"

In mid 2023 I was contacted by Ryan Lovell, a doctoral candidate at Ball State University about my piece "Phase Shift" as part of his dissertation. We had a long conversation about electronics, band music, and life in general. Over the course of the following year we got to meet in person at the Midwest International Band and Orchestra Clinic, and became friends.. Ryan went on to graduate from Ball State and finish his doctorate in December of 2023.

Dr. Ryan Lovell had mentioned to me about wanting to commission a piece for band and electronics and I was on board. During this time, I came across a video about "The Great Stalacpipe Organ". I was immediately enthralled by it and knew I had to make it the central focus of this piece. Luckily, I found out someone had already sampled it and it was part of an electronics library I already owned. I began work on the piece In early January 2025 and finished the piece in early February 2025.

Program Notes

Inspired by the legendary instrument housed within Luray Caverns, Virginia, *The Great Stalacpipe Organ* captures the grandeur and mystery of this natural wonder. This work for concert band and electronics breathes life into the massive lithophone, weaving together resonant textures and thematic material reminiscent of both traditional and modern organ music.

Throughout the piece, the music evokes the vast, echoing chambers of the caverns, where the organ's ethereal tones emerge from the depths of stone and shadow. Layers of sound build upon one another, reflecting the interplay of ancient rock formations and the instrument's unique, otherworldly voice. As the piece unfolds, the organ's presence grows ever more commanding, culminating in a powerful finale where the full force of this remarkable instrument is unleashed.

Consortium Members

Hueytown High School Symphonic Band - Dr. Ryan Lovell and Mrs. Donna Smith - Consortium Leads

Abilene Christian University - Daniel Harbaugh

Bellevue West High School - Marques Eckhoff and Jason Pentico

Cuthbertson Bands - Todd Ebert, Katie Ebert, and Samantha Liddle

Elkhorn High School - Kyle Dreesen

Kickapoo High School Wind Ensemble - Aaron Scriven, Jeffrey Payne, and Sydney Rush

Northwestern State University Bands - Dr. Anthony Pursell

Rutgers Symphony Band - Dr. Julia Baumanis

Errata

The electronics for this piece will either be provided as a download link on my website (on the product page for this piece). Or you can also email me at robert@rlcompositions.com to get a link.

While not recommended, you can technically conduct this piece without a click track with some good practice. You just need to make sure you have a set of on-stage monitors/speakers pointed at your conducting podium. I have done my best to notate the electronics in the score so you can follow along as well.

The score cover art is an original artwork commissioned for this piece by Michael Schultz. Go follow him at @michaelschultzscreative on all socials.

Commissioned by a consortium of ensembles lead by the Hueytown High School Symphonic Band, Dr. Ryan Lovell and Mrs. Donna Smith Conductors.
Dedicated to Eleanor and Davis Lovell.

Stalacpipes

Robert Langenfeld (ASCAP)
2025

♩ = 150 Cue 1 - Press 1

Flute 1
Flute 2
Oboe
Bassoon
Clarinet in Bb 1
Clarinet in Bb 2
Clarinet in Bb 3
Bass Clarinet
Alto Saxophone 1
Alto Saxophone 2
Tenor Saxophone
Baritone Saxophone
Trumpet in Bb 1
Trumpet in Bb 2
Trumpet in Bb 3
Horn in F 1
Horn in F 2
Trombone 1
Trombone 2
Trombone 3
Euphonium
Tuba
Timpani
Rainstick *mf*
Vibraphone
Bass Drum
Marimba
Tom-toms
Cue 1 - Press 1
Electronics Cave Stalactites

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Please report all performances by sending or emailing a copy of the program to the composer.

A Cue 2 - Press 2

Fl. 1

Fl. 2

Ob.

Bsn.

Cl. in Bb 1

Cl. in Bb 2

Cl. in Bb 3

B. Cl.

A. Sax. 1

A. Sax. 2

T. Sax.

Bar. Sax.

Tpt in Bb 1

Tpt in Bb 2

Tpt in Bb 3

Hn in F 1

Hn in F 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tba.

Timp.

Rain.

Vib.

B. Dr.

Mar.

Tom.

Elctr.

Cue 2 - Press 2

+ Glass Sparkle Bubbles

B

Fl. 1 *mf*

Fl. 2 *mf*

Ob.

Bsn.

Cl. in Bb 1

Cl. in Bb 2

Cl. in Bb 3

B. Cl.

A. Sax. 1

A. Sax. 2

T. Sax.

Bar. Sax.

Tpt in Bb 1

Tpt in Bb 2

Tpt in Bb 3

Hn in F 1

Hn in F 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tba.

Timp.

Xyl.

Vib.

B. Dr.

Mar.

Tom.

Elctr.

NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE

Fl. 1

Fl. 2

Ob.

Bsn.

Cl. in Bb 1

Cl. in Bb 2

Cl. in Bb 3

B. Cl.

A. Sax. 1

A. Sax. 2

T. Sax.

Bar. Sax.

Tpt in Bb 1

Tpt in Bb 2

Tpt in Bb 3

Hn in F 1

Hn in F 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tba.

Timp.

Xyl.

Vib.

B. Dr.

Mar.

Tom.

Elctr.

NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE

K $\text{♩} = 72$

Fl. 1 *f* *ff* *f*

Fl. 2 *f* *ff* *f*

Ob. *f* *ff* *f*

Bsn. *f* *ff* *fp*

Cl. in Bb 1 *f* *ff* *f* *ff*

Cl. in Bb 2 *f* *ff* *f* *ff*

Cl. in Bb 3 *f* *ff* *f* *ff*

B. Cl. *f* *ff* *fp*

A. Sax. 1 *f* *ff* *f* *ff*

A. Sax. 2 *f* *ff* *f* *ff*

T. Sax. *f* *ff* *f* *ff*

Bar. Sax. *f* *ff* *fp*

Tpt in Bb 1 *f* *ff* *fp*

Tpt in Bb 2 *f* *ff* *fp*

Tpt in Bb 3 *f* *ff* *fp*

Hn in F 1 *f* *ff* *fp*

Hn in F 2 *f* *ff* *fp*

Tbn. 1 *f* *ff* *fp*

Tbn. 2 *f* *ff* *fp*

Tbn. 3 *f* *ff* *fp*

Euph. *f* *ff* *fp*

Tba. *f* *ff* *fp*

Timp. *f* *ff* *fp*

Chim. *f* *ff* *f*

Glock. *f* *ff* Glockenspiel *f*

B. Dr. *f* To Crash Cymbal *f* Crash Cymbal *f*

L. G. *f* *f*

Tom. *f*

Elctr. *f*

105 106 107 108 109 110



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L

Fl. 1
Fl. 2
Ob.
Bsn.
Cl. in Bb 1
Cl. in Bb 2
Cl. in Bb 3
B. Cl.
A. Sax. 1
A. Sax. 2
T. Sax.
Bar. Sax.
Tpt in Bb 1
Tpt in Bb 2
Tpt in Bb 3
Hn in F 1
Hn in F 2
Tbn. 1
Tbn. 2
Tbn. 3
Euph.
Tba.
Timp.
Chim.
Glock.
Cr. Cym.
L. G.
Tom.
Elctr.

111 112 113 114 115

NOT FOR PERFORMANCE USE

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NOT FOR PERFORMANCE USE

Fl. 1

Fl. 2

Ob.

Bsn.

Cl. in Bb 1

Cl. in Bb 2

Cl. in Bb 3

B. Cl.

A. Sax. 1

A. Sax. 2

T. Sax.

Bar. Sax.

Tpt in Bb 1

Tpt in Bb 2

Tpt in Bb 3

Hn in F 1

Hn in F 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tba.

Timp.

Rain.

Glock.

Cr. Cym.

Mar.

Tom.

Elctr.

To Chimes

N

Fl. 1
Fl. 2
Ob.
Bsn.
Cl. in Bb 1
Cl. in Bb 2
Cl. in Bb 3
B. Cl.
A. Sax. 1
A. Sax. 2
T. Sax.
Bar. Sax.
Tpt in Bb 1
Tpt in Bb 2
Tpt in Bb 3
Hn in F 1
Hn in F 2
Tbn. 1
Tbn. 2
Tbn. 3
Euph.
Tba.
Timp.
Chim.
Glock.
Cr. Cym.
Mar.
Tom.
Elctr.

mf
mf
f
f
f
mp
mf
mp
mp
f
mp
mf
f
mf
f
f
mp
mf
mp

gliss.
gliss.
Chimes
+ Glass Expectations / Glass Sparkle Bubbles / Wine Whistles

136 137 138 139 140 141 142 143 144 145

0

Fl. 1
Fl. 2
Ob.
Bsn.
Cl. in Bb 1
Cl. in Bb 2
Cl. in Bb 3
B. Cl.
A. Sax. 1
A. Sax. 2
T. Sax.
Bar. Sax.
Tpt in Bb 1
Tpt in Bb 2
Tpt in Bb 3
Hn in F 1
Hn in F 2
Tbn. 1
Tbn. 2
Tbn. 3
Euph.
Tba.
Timp.
Chim.
Glock.
Cr. Cym.
Mar.
Tom.
Elctr.

146 147 148 149 150 151 152 153

P *molto rall.*

Fl. 1 *f* *sfz sfz sfz sfz sfz*

Fl. 2 *f* *sfz sfz*

Ob. *f* *sfz*

Bsn. *f* *sfz*

Cl. in Bb 1 *f* *sfz sfz sfz sfz sfz*

Cl. in Bb 2 *f* *sfz sfz*

Cl. in Bb 3 *f* *sfz*

B. Cl. *f* *sfz sfz*

A. Sax. 1 *f* *sfz sfz sfz sfz*

A. Sax. 2 *f* *sfz sfz sfz*

T. Sax. *f* *sfz sfz*

Bar. Sax. *f* *sfz sfz*

Tpt in Bb 1 *f* *sfz sfz sfz sfz sfz*

Tpt in Bb 2 *f* *sfz sfz*

Tpt in Bb 3 *f* *sfz*

Hn in F 1 *f* *sfz sfz sfz sfz*

Hn in F 2 *f* *sfz sfz sfz*

Tbn. 1 *f* *sfz sfz sfz sfz*

Tbn. 2 *f* *sfz sfz sfz*

Tbn. 3 *f* *sfz sfz*

Euph. *f* *sfz sfz sfz sfz*

Tba. *f* *sfz sfz*

Timp. *mp* *f*

Chim. *f*

Glock. *f*

Cr. Cym.

Mar.

Tom. *f* *mf*

Elctr.

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Q $\text{♩} = 150$ Cue 5 - Press 5

Fl. 1 *ff* *p* *ff* *f*

Fl. 2 *ff* *p* *ff* *f*

Ob. *ff* *p* *ff* *f*

Bsn. *ff* *p* *ff* *f*

Cl. in Bb 1 *ff* *p* *ff* *f*

Cl. in Bb 2 *ff* *p* *ff* *f*

Cl. in Bb 3 *ff* *p* *ff* *f*

B. Cl. *ff* *p* *ff* *f*

A. Sax. 1 *ff* *p* *ff* *f*

A. Sax. 2 *ff* *p* *ff* *f*

T. Sax. *ff* *p* *ff* *f*

Bar. Sax. *ff* *p* *ff* *f*

Tpt in Bb 1 *ff* *p* *ff* *f*

Tpt in Bb 2 *ff* *p* *ff* *f*

Tpt in Bb 3 *ff* *p* *ff* *f*

Hn in F 1 *ff* *p* *ff* *f*

Hn in F 2 *ff* *p* *ff* *f*

Tbn. 1 *ff* *p* *ff* *f*

Tbn. 2 *ff* *p* *ff* *f*

Tbn. 3 *ff* *p* *ff* *f*

Euph. *ff* *p* *ff* *f*

Tba. *ff* *p* *ff* *f*

Timp. *ff* *p* *ff* *f*

Xyl. To Xylophone

Glock. *f*

Cr. Cym. *f* To Bass Drum Bass Drum

Mar. Marimba *f*

Tom. *f*

Elctr. Cue 5 - Press 5 + Monster Truck Bass and others

NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE NOT FOR PERFORMANCE USE

Fl. 1

Fl. 2

Ob.

Bsn.

Cl. in Bb 1

Cl. in Bb 2

Cl. in Bb 3

B. Cl.

A. Sax. 1

A. Sax. 2

T. Sax.

Bar. Sax.

Tpt in Bb 1

Tpt in Bb 2

Tpt in Bb 3

Hn in F 1

Hn in F 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tba.

Timp.

Xyl.

Glock.

B. Dr.

Mar.

Tom.

Elctr.

S Half time feel $\text{♩} = 75$

Fl. 1

Fl. 2

Ob.

Bsn.

Cl. in Bb 1

Cl. in Bb 2

Cl. in Bb 3

B. Cl.

A. Sax. 1

A. Sax. 2

T. Sax.

Bar. Sax.

Tpt in Bb 1

Tpt in Bb 2

Tpt in Bb 3

Hn in F 1

Hn in F 2

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tba.

Timp.

Chim.

Glock.

Cr. Cym.

Mar.

Tom.

Elctr.

fp *f* *ff* *ff pesante*

To Crash Cymbal

Crash Cymbal

To Large Gong

mf *f*

Chimes

ff *sc.*

T Regular time feel ♩ = 150

Fl. 1 *ff* *mp* *fp* *ff*

Fl. 2 *ff* *mp* *fp* *ff*

Ob. *ff* *mp* *fp* *ff*

Bsn. *ff* *mp* *fp* *ff*

Cl. in Bb 1 *ff* *mp* *fp* *ff*

Cl. in Bb 2 *ff* *mp* *fp* *ff*

Cl. in Bb 3 *ff* *mp* *fp* *ff*

B. Cl. *ff* *mp* *fp* *ff*

A. Sax. 1 *ff* *mp* *fp* *ff*

A. Sax. 2 *ff* *mp* *fp* *ff*

T. Sax. *ff* *mp* *fp* *ff*

Bar. Sax. *ff* *mp* *fp* *ff*

Tpt in Bb 1 *ff* *mp* *fp* *ff*

Tpt in Bb 2 *ff* *mp* *fp* *ff*

Tpt in Bb 3 *ff* *mp* *fp* *ff*

Hn in F 1 *ff* *mp* *fp* *ff*

Hn in F 2 *ff* *mp* *fp* *ff*

Tbn. 1 *ff* *mp* *fp* *ff*

Tbn. 2 *ff* *mp* *fp* *ff*

Tbn. 3 *ff* *mp* *fp* *ff*

Euph. *ff* *mp* *fp* *ff*

Tba. *ff* *mp* *fp* *ff*

Timp. *ff* *mp* *fp* *ff*

Chim. *ff* *mp* *fp* *ff*

Glock. *ff*

Cr. Cym. *ff*

L. G. Large Gong *ff* *p* *ff*

Tom. *ff*

Elctr.