



VERSILIAN STUDIOS LLC.



C A L D E R W O O D

# DRUMS

I N S T R U M E N T   L I S T



# INTRODUCTION

Few instruments have travelled so far with humanity as the humble drum. Found in almost every culture and every corner of earth, there's something fundamental about the nature of drums and the way they allow us to provide and maintain the structure of music from pop hits to stately dances and sacred ceremonies.

Calderwood Drums is focused primarily on western rope-tension drums, which use ropes to maintain the tension of the heads. This kind of drum has been documented since the Middle Ages, in particular as "Field" drums used in military music of the 17th, 18th, and 19th centuries (and reenactments thereof today).

Also available are several rope-tension bass drums, as well as (slightly more) modern rod-tension snare drums, and a variety of very cool bonus instruments such as a recreation of a Turkish Crescent, medieval nakers, and a pair of "Octajons" - octagonal cajons!

This collection is not simply the creative output of Calderwood Percussion though; featured are a variety of historic and replica instruments from the 19th and 20th centuries from both major and minor makers. Pancakes to profound basses, explore the collection over the course of this guide!





# SNARES

*Rod Tension, Snares On*

||| *Generally shallow in depth, Snare Drums are used across numerous genres and styles both modern and historical, from Pancake to Sousa.*

PANCAKE  
**SNARE**  
CALDERWOOD

Dimensions

**2" x 12"**  
5 x 30 cm

S/N

**#674**



The thinnest form of snare drum, Pancake snares have a very clear attack and minimal sustain.

Snares  
**Steel**

Hoops  
-

Top Head  
**Evans UV1**

Bottom Head  
**Evans 300**

Shell  
**8 Ply Maple**

Finish  
**Natural**





TOY  
**SNARE**  
ANONYMOUS

Dimensions

**3.5" x 13"**  
9 x 33 cm

S/N

-



This drum dates to the early  
1900's and was likely made  
as a child's toy!

Snares

**Wound Wire**

Top Head

**Calfskin**

Shell

**Mahogany**

Hoops

**Maple**

Bottom Head

**Calfskin**

Finish

-





CONCERT  
**SNARE**  
CALDERWOOD

Dimensions

**4" x 13"**  
10 x 33 cm

S/N

**#308**



Ideal for orchestral use, concert  
snares are the quintessential  
snare drum!

Employs 1/2" thick 20 seg-  
ment stave construction.

Snares  
**Multi**

Top Head  
**Kangaroo**

Shell  
**Maple**

Hoops  
**Diecast**

Bottom Head  
**Evans 300**

Finish  
**Marine Varnish**





CONCERT  
**SNARE**  
CALDERWOOD

Dimensions

**4" x 14"**  
10 x 36 cm

S/N

**#622**



Inspired by the drums of  
W. A. Barry.

Snares

**Multi**

Top Head

**Kangaroo**

Shell

**Mahogany**  
(with Maple Re-rings)

Hoops

**Single Flange**

Bottom Head

**Evans 300**

Finish

**Marine Varnish**





# SNARE

CALDERWOOD

Dimensions

6" x 14"  
15 x 36 cm

S/N

#309



"This drum shell is made from a door, which came out of an 1880s house in Dorchester, MA. It was on the curb destined for the landfill, but we turned it into a drum instead."

Snares

**Steel**

Top Head

**Evans Power Center  
Reverse Dot**

Shell

**Reclaimed Poplar Stave**

Hoops

**S Hoops**

Bottom Head

**Evans 300**

Finish

**Nitrocellulose Lacquer**





# SNARE

CALDERWOOD

Dimensions

6.5" x 14"  
15 x 36 cm

S/N

#684



"Built out of Pine beams reclaimed from  
a 1899 Brownstone located at 122  
Commonwealth Ave., Boston, MA."

Snares

**Steel**

Top Head

**Evans HD Dry**

Shell

**Reclaimed Old-Growth  
Pine Stave**

Hoops

**Single Flange**

Bottom Head

**Evans 300**

Finish

**Marine Varnish**





# SNARE

OLIVER DITSON

Dimensions

3.5" x 14"  
9 x 36 cm

S/N

-



For those looking for an 'antique'  
alternative to a concert snare!

Snares

Unknown

Top Head

Evans Strata 1000

Shell

Maple

Hoops

Maple

Bottom Head

Evans Hazy 300

Finish

Oil-based Varnish





# SNARE

LEEDY

Dimensions

4.5" x 14"  
11 x 36 cm

S/N

-



Snares

Wire-wound Silk

Top Head

Calfskin

Shell

Mahogany

Hoops

Maple

Bottom Head

Calfskin

Finish

Oil-based Varnish





"SOUSA"  
**SNARE**  
PR WINN

Dimensions

**8" x 16"**  
9 x 41 cm

S/N

-

With its generous proportions,  
this snare is ideal for the works  
of John Philip Sousa.



It dates from the 1880's and  
was lovingly restored by the  
folks at Calderwood.

Snares

**Gut**

Top Head

**Calfskin**

Shell

**Maple**

Hoops

**Maple**

Bottom Head

**Calfskin**

Finish

**Oil-based Varnish**





POPCORN  
**SNARE**  
ANON.

Dimensions

**5" x 8"**  
13 x 20 cm

S/N

-

On the other hand, the adorable popcorn snare has a particularly bright sound!



Snares  
**Internal  
Brush Snares**

Top Head  
**Evans G2**

Shell  
**Basswood**

Hoops  
**2.3mm Triple-Flanged**

Bottom Head  
**Evans Genera Resonant**







# FIELD DRUMS

Rope Tension, Snares On

||| *Based on historical designs of the 17th-19th centuries, Field Drums are considerably deeper than modern drums with a sharp bite to their sound.*



# FIELD DRUM

CALDERWOOD

Dimensions

9" x 10"  
23 x 25 cm

S/N

581



Calderwood's  
smallest production  
Field Drum.

Snares

Natural Gut

Ears

Leather x6

Top Head

Evans Calf-tone

Bottom Head

Evans 300

Shell

6 Ply Maple

Hoop Veneer

Zebrawood





# FIELD DRUM

LUDWIG

Dimensions

12" x 14"  
30 x 36 cm

S/N

-



An antique rod-tension example by Ludwig. Historical calfskin heads.

Snares

Wire-wound Silk

Ears

None (Rods)

Top Head

Calfskin

Bottom Head

Evans 300

Shell

Mahogany

Hoop

Maple





# FIELD DRUM

ROGERS

Dimensions

12" x 14"  
30 x 36 cm

S/N

-



A more modern vintage drum, with modern heads by Evans designed to reduce unwanted overtones.

Snares

**Steel Wire**

Ears

**None (Rods)**

Top Head

**Evans HD Dry**

Bottom Head

**Evans 300**

Shell

**Maple**

Hoop

**Maple**





# FIELD DRUM

GEORGE STONE

Dimensions

12" x 17"  
30 x 43 cm

S/N

-

This drum dates from 1929!



Snares

Natural Gut

Top Head

Remo Skyntone

Shell

Maple

Ears

Leather x10

Bottom Head

Hazy Ambassador Snare Side

Hoop

Maple





# FIELD DRUM

CALDERWOOD

Dimensions

14" x 14"  
36 x 36 cm

S/N

#639



On the slightly narrower  
end of field drums.

Snares

**Natural Gut**

Ears

**Leather x10**

Top Head

**Evans Calf-tone**

Bottom Head

**Evans 300**

Shell

**6 Ply Maple**

Hoop Veneer

**Curly Etimoe**





# FIELD DRUM

CALDERWOOD

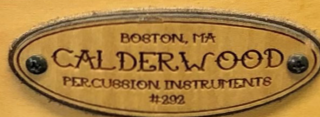
Dimensions

15" x 16"  
38 x 40 cm

S/N

#292

Finished in hand-rubbed oil.



Snares

Natural Gut (multi)

Ears

Leather x10

Top Head

Kangaroo

Bottom Head

Hazy Ambassador Snare Side

Shell

6 Ply Maple

Hoop Veneer

Walnut Burl





# FIELD DRUM

ELI BROWN

Dimensions

15" x 17"  
38 x 43 cm

S/N

-

The oldest drum in the library,  
dating from 1824!



This sort of decorative tack pattern  
was popular during the period.

Snares

**Natural Gut**

Ears

**Leather x10**

Top Head

**Calfskin**

Bottom Head

**Calfskin**

Shell

**Maple**

Hoop

**Maple**





# FIELD DRUM

CALDERWOOD

Dimensions

16" x 16"  
40 x 40 cm

S/N

#628



The "big guns" of  
Calderwood's prod-  
uct line!

Snares

Natural Gut

Top Head

Evans Calf-tone

Shell

6 Ply Maple

Ears

Leather x10

Bottom Head

Hazy Ambassador Snare Side

Hoop

Maple





# FIELD DRUM

CALDERWOOD

Dimensions

16" x 16"  
40 x 40 cm

S/N

#587



587 is identical to 628 aside from the shell wood. Can you hear the difference?

Snares

Natural Gut

Top Head

Evans Calf-tone

Shell

Mahogany

Ears

Leather x10

Bottom Head

Hazy Ambassador Snare Side

Hoop

Maple





# FIELD DRUM

CALDERWOOD

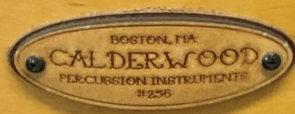
Dimensions

17" x 17"  
43 x 43 cm

S/N

#256

Calderwood's largest  
production field drum!



Snares

Natural Gut

Ears

Leather x10

Top Head

Swiss Kevlar

Bottom Head

Hazy Ambassador Snare Side

Shell

6 Ply Maple

Hoop Veneer

Zebrawood





# SIDE DRUM

EAMES DRUM CO.

Dimensions

20" x 24"

51 x 61 cm

S/N

-

This massive drum is a reproduction of a 17th century English side drum.



Snares

Natural Gut

Ears

Leather x12

Top Head

Calfskin

Bottom Head

Calfskin

Shell

Maple, Leather

Hoop

Maple







# TOMS & TENORS

Rod Tension

||| *Used in concert bands and orchestras, toms and tenor drums are of similar dimensions to field drums but lack snares.*



# CONCERT TOM

CALDERWOOD

Dimensions

8" x 10"  
20 x 25 cm

S/N

#218



Built as a set, the "Pro Series" concert toms feature wood rims and are dyed black with leather dye.

Finish

Satin Poly.

Lugs

Tear Drop

Top Head

Evans Strata 1000

Series

"Pro"

Shell

8 Ply Maple

Hoop

12 Ply Maple





# CONCERT TOM

CALDERWOOD

Dimensions

8" x 12"  
20 x 30 cm

S/N

#219



The toms were recorded as a full set, captured with stereo pairs of close mics.

Finish

Satin Poly.

Lugs

Tear Drop

Top Head

Evans Strata 1000

Series

"Pro"

Shell

8 Ply Maple

Hoop

12 Ply Maple





# CONCERT TOM

CALDERWOOD

Dimensions

9" x 13"  
23 x 33 cm

S/N

#220



Finish

Satin Poly.

Lugs

Tear Drop

Top Head

Evans Strata 1000

Series

"Pro"

Shell

8 Ply Maple

Hoop

12 Ply Maple





# CONCERT TOM

CALDERWOOD

Dimensions

10" x 14"  
25 x 36 cm

S/N

#221



Finish

Satin Poly.

Lugs

Tear Drop

Top Head

Evans Strata 1000

Series

"Pro"

Shell

8 Ply Maple

Hoop

12 Ply Maple





# TENOR DRUM

CALDERWOOD

Dimensions  
**12" x 15"**  
30 x 38 cm

S/N  
**#183**



Tenor drums usually have  
two heads but no snares.

Finish

**Nitrocellulose Lacquer**

Lugs

**Tube Lugs**

Top Head

**Earthtone**

Bottom Head

**Earthtone**

Shell

**8 Ply Maple**

Hoop

**12 Ply Maple**





The background of the page is a close-up photograph of a drum head. A thick, light-colored rope is wrapped around the drum's rim. A metal bracket with two screws is visible on the drum's frame. The image is partially obscured by a white diagonal band that serves as a background for the text.

# TABOR

Rope Tension

||| *The term 'Tabor' can refer to a variety of drum types from a thin medieval designs played with pipes to deep military drums of the Renaissance.*



# TABOR

CALDERWOOD

Dimensions

6.5" x 13"  
17 x 33 cm

S/N

#291



Typical tabor used in pipe & tabor music, single snare.

Snare

**Natural Gut**

Ears

**Leather x12**

Top Head

**Calfskin**

Bottom Head

**Calfskin**

Shell

**Maple**





# TABOR

CALDERWOOD

Dimensions

6.5" x 13"  
17 x 33 cm

S/N

#349



Snare

Natural Gut

Ears

Leather x12

Top Head

Kangaroo

Bottom Head

Kangaroo

Shell

Maple





# TABOR

CALDERWOOD

Dimensions

18" x 14"  
46 x 36 cm

S/N

#482



This drum, owned by percussionist Jonathan Hess, resembles historical military drums of the Renaissance and Baroque.

Snares

Natural Gut

Ears

Leather x10

Top Head

Calfskin

Bottom Head

Calfskin

Shell

Maple

Hoop

Maple





A large, vintage-style wooden rope tension bass drum is the central focus. It is mounted on a wooden stand with casters. The drum head is a light-colored Evans brand head. The drum is positioned in a room with a patterned rug and a purple curtain in the background. A semi-transparent white banner is overlaid across the middle of the drum.

# BASS DRUMS

Rope Tension

||| Although now quite unheard of outside of reenactment groups, rope tension bass drums can come in all the same shapes and sizes as rod tension.



# BASS

CALDERWOOD

Dimensions

16" x 24"  
41 x 61 cm

S/N

#637



Fundamental

44 Hz

Ears

Leather x12

Top Head

Calftone EQ4

Bottom Head

Calftone EQ4

Shell

Mahogany

Hoop

Maple





# BASS

CALDERWOOD

Dimensions

16" x 26"  
41 x 66 cm

S/N

#636



Fundamental

32 Hz

Ears

Leather x12

Top Head

Calftone EQ4

Bottom Head

Calftone EQ4

Shell

6 Ply Maple

Hoops

Maple





# BASS

CALDERWOOD

Dimensions

20" x 22"  
51 x 56 cm

S/N

#332



Fundamental

53 Hz

Ears

Leather x10

Top Head

Kangaroo

Bottom Head

Kangaroo

Shell

6 Ply Maple

Hoop Veneer

Bubinga





# BASS

CALDERWOOD

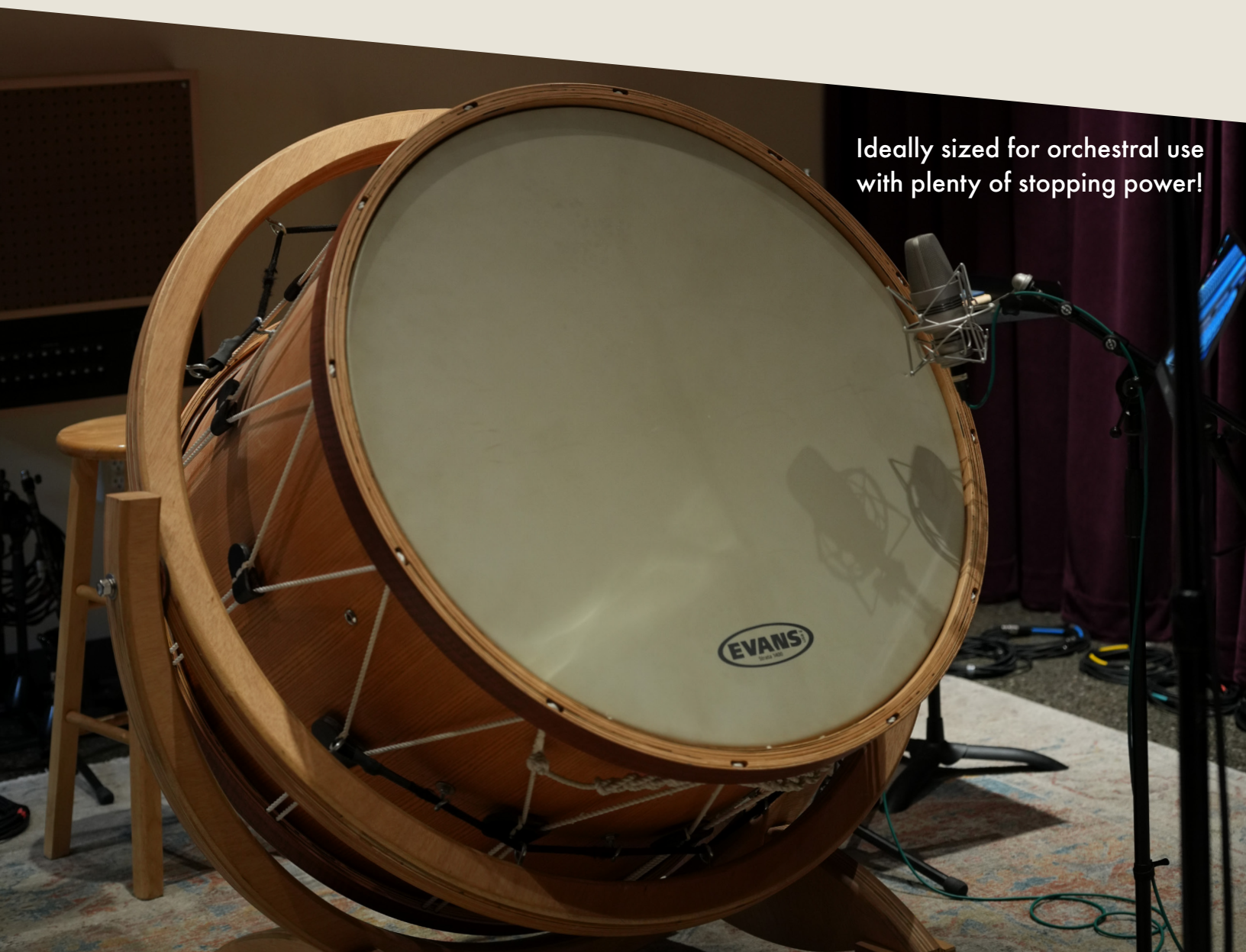
Dimensions

25" x 36"  
64 x 91 cm

S/N

#636

Ideally sized for orchestral use  
with plenty of stopping power!



Fundamental

32 Hz

Ears

Leather x12

Top Head

Strata 1400

Bottom Head

Strata 1400

Shell

Oak/Birch/Poplar

Hoop Veneer

Curly Etsmoe





# BASS

CALDERWOOD

Dimensions

30" x 90"  
76 x 229 cm

S/N

#389

The drum took 4 months to build & requires a custom trailer to move.



One of the largest rope tension drums ever produced, we couldn't fit it in the studio door so we had to sample it at Calderwood's shop!

Fundamental

15 Hz

Ears

Leather x 24

Top Head

Remo Custom

Bottom Head

Remo Custom

Shell (9 ply)

Mahogany/Birch/Okoume

Hoop Wrap

Gold Sparkle







# JANISSARY SET

Orientalist Ensemble

||| *The impact of Ottoman military music on Europe was surprisingly profound, inspiring numerous classical works to adapt the Janissary ensemble.*



# DAVUL

EAMES DRUM CO.

Dimensions

20" x 24"  
51 x 61 cm

S/N

-

By disabling the  
snares, we turned  
the Eames side drum  
into a giant davul!



Snares  
(disabled)

Ears  
Leather x12

Top Head  
Calfskin

Bottom Head  
Calfskin

Shell  
Maple, Leather

Hoop  
Maple





# BAROQUE TRIANGLE

MATT NOLAN

Dimensions

S/N

-  
- cm

-



*Unlike modern triangles, the baroque triangle has small rings along the lower span which serve to both increase 'sizzle' while reducing sustain.*



# CRESCENT

CALDERWOOD

Dimensions

20" x 24"  
51 x 61 cm

S/N

409



Bells

**Lots**

Media

**Brass**

Salvaged Trombones

**2\***

*The imposing Crescent serves to mark large beats by tapping it on the floor. It may also be shaken continuously like a modern sleigh bell.*





# CYMBALS

ZILDJIAN

Dimensions

14"  
35 cm

S/N

-



*These historic Zildjian marching cymbals are considerably thinner and smaller than cymbals used in modern orchestras and are more representative of baroque/classical designs.*





# OTHER

Octajons & Nakers

||| Our final pitched percussion pairs include Calderwood's unusual octagonal cajons "octajons" and historical Naqareh/Nakers, predecessors of timpani.



# OCTAJON

CALDERWOOD

Dimensions

13" x 7.5"  
<35 cm

S/N

190



Body  
**Birch**

Finish  
**Oil/Spirits/Poly Blend**





# OCTAJON

CALDERWOOD

Dimensions

21" x 9.5"  
<35 cm

S/N

392



The octajons were recorded as a set, captured with stereo pairs of close mics.

Body  
**Birch**

Finish  
**Oil/Spirits/Poly Blend**





# NAKER

CALDERWOOD

Dimensions

12"  
30 cm

S/N

486



The nakers were recorded as a set, captured with stereo pairs of close mics.

Material  
**Copper**

Head  
**Mule**





# NAKER

CALDERWOOD

Dimensions

12"  
30 cm

S/N

599



Material  
**Steel**

Head  
**Kangaroo**







## LEARN MORE...

### Calderwood Percussion

Custom Percussion, Replicas & Restoration

<https://www.calderwoodpercussion.com/>

Boston, MA

Please kindly refer to the included **User Manual** for instructions, troubleshooting, and advice for using the library.

Photography: Samuel Gossner

Taken on: Sony A7RV / FX3 // Voigtländer APO 35/50/65/110, Nokton 50

Additional Photography Courtesy of Calderwood Percussion

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