

commissioned by The Cleveland Orchestra

Jeffrey Ryan

# RICOCHET

for large orchestra

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Jeffrey Ryan  
**RICOCHET**

**Instrumentation:**

3 flutes (*3rd doubling piccolo*)  
3 oboes  
3 Bb clarinets (*3rd doubling Bb bass clarinet with low C*)  
3 bassoons (*3rd doubling contrabassoon*)

4 F horns  
3 C trumpets  
3 trombones (*3rd = bass trombone*)  
tuba

timpani  
3 percussion:

I	II	III
marimba	bass drum	crotales
vibraphone	lion's roar	tambourine
chimes	ratchet	sizzle cymbal
maraca	bongos (2)	tam-tam (large)
vibraslap		whip
		flexatone

harp


strings

**Performance notes:**

Total performance time 3'45"

Score in C.

 note ends with a breath accent for winds; no bow change for strings.

 give note a slight rhythmic and dynamic stress.

All glissandi begin immediately after the first pitch is sounded; glissandi of duration greater than a quarter note are notated with an opening eighth note along with the required duration.

**Programme note:**

The title of this short orchestral work was first suggested by the string technique of a bouncing bow, but its inspiration is the image of a rubber ball thrown against a solid object, which then ricochets into another solid object. This bouncing image is expressed at different rates of time. After an initial “wind-up”, the music ricochets at first in slow motion. After each subsequent rebound, the music accelerates a little, so that by the final bounce, it is moving in real time again. In a final parting gesture, the ball, now low on kinetic energy, bounces off into the distance.

RICOCHET was commissioned by The Cleveland Orchestra, and was premiered April 17, 1994, with Jahja Ling conducting.

# RICOCHET

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♩ = 144

The score is for a full orchestra and includes the following parts:

- Flutes:** fl 1, fl 2, fl 3 (piccolo)
- Oboes:** ob 1, ob 2, ob 3
- Clarinets:** cl 1, cl 2, cl 3 (bass clarinet)
- Bassoons:** bn 1, bn 2, bn 3 (contrabassoon)
- Horns:** hn 1/2, hn 3/4
- Trumpets:** tpt 1, tpt 2, tpt 3
- Trumpets:** trb 1, trb 2, trb 3
- Tuba:** tba
- Timpani:** timp
- Percussion:** perc 1 (MBA med. yarn mallets), perc 2, perc 3
- Piano:** hp
- Violins:** vn I, vn II
- Viola:** va
- Cello:** vc
- Double Bass:** cb

Key performance instructions include:

- Flutes:** *p*, *mf*, *tr*, *7*
- Oboes:** *p*, *mf*, *tr*, *7*
- Clarinets:** *p*, *tr*, *6*
- Bassoons:** *p*, *tr*, *6*
- Trumpets:** *p*, *plunger*, *grad.*, *+*
- Trumpets:** *p*, *con sord.*, *remove mute gradually*
- Timpani:** *p*
- Piano:** *p*, *(non-harm.)*, *gl.*
- Double Bass:** *p*, *stagger bowing*, *(sounds 8ve lower)*

1 2 3 4 5 6 7 8

A

fl 1, fl 2, fl 3, ob 1, ob 2, ob 3, cl 1, cl 2, cl 3, bn 1, bn 2, bn 3

*fff*

hn 1/2, hn 3/4, tpt 1, tpt 2, tpt 3, trb 1, trb 2, trb 3, tba

*fff*

4 con sord.  
to str. mute  
open

timp, perc 1, perc 2, perc 3

*fff*

MARACA (shake)  
B. DR.  
TAMB. (shake)  
*p < f*

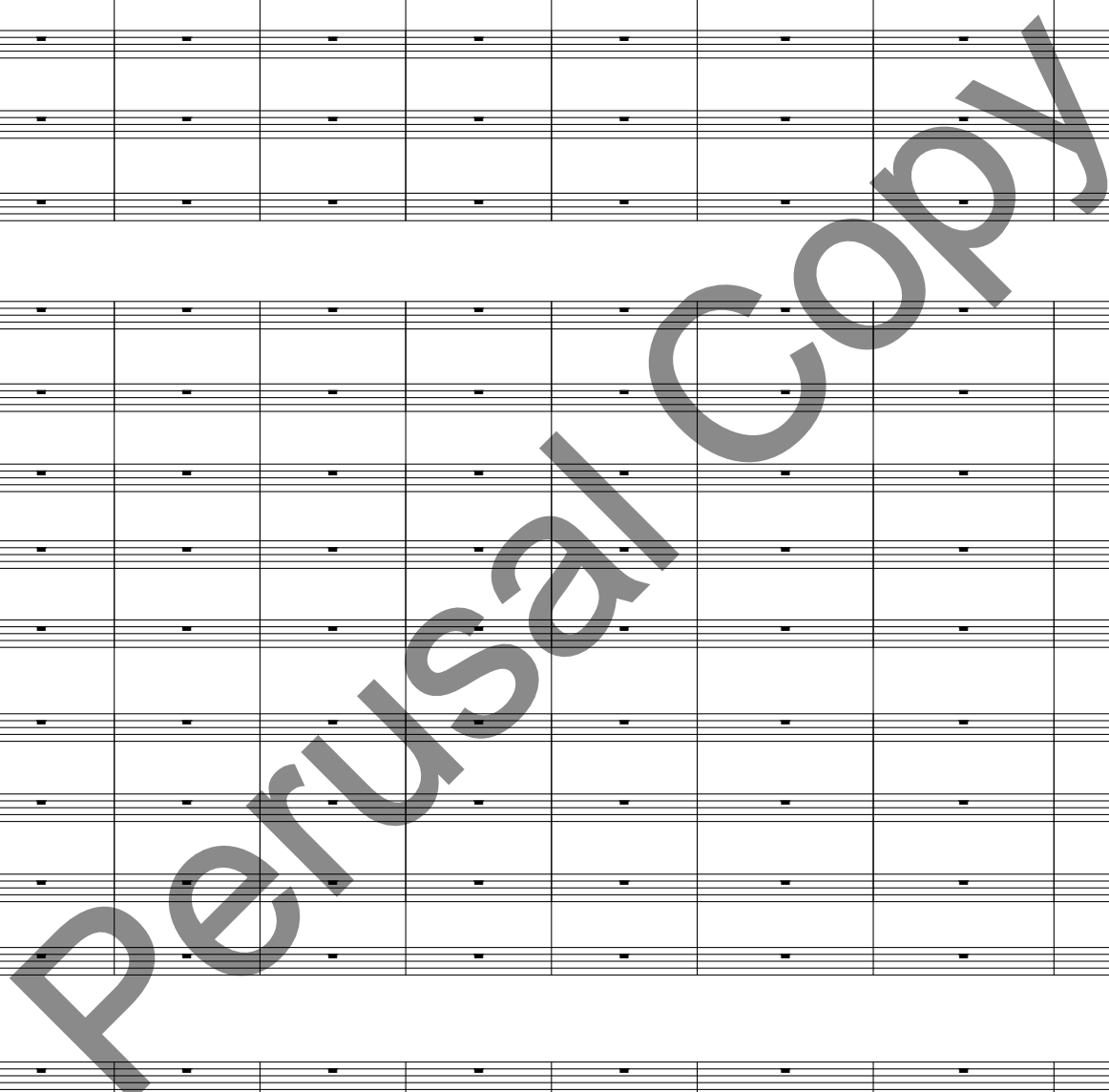
harp

*fff*, *mf*

vn I, vn II, va, vc, cb

*pp*, *f < fff*, *ff*, *pp*

sul tasto, stagger bowing, *gl. (o)*, *ord.*, *div.*



B

The musical score is arranged in a standard orchestral format. The woodwind section (flutes, oboes, clarinets, bassoons) and brass section (horns, trumpets, trombones, tuba) are mostly silent in this section. The percussion section features three snare drums (perc 1-3) with dynamic markings of *p* and *f*, and a harp (hp) with *mf* markings. The string section (violins I and II, violas, violoncello, double bass) is active, with dynamic markings ranging from *mf* to *pp* and *f*. The cellos and double basses play a triplet pattern in measures 20-24 and 28-30. The violins play a sustained melodic line with a crescendo in measure 29.



fl 1 *pp* *p* *mf*

fl 2 *pp* *p* *mf*

fl 3 *pp* *p* *mf*

ob 1 *pp* *p* *mf*

ob 2 *pp* *p* *mf*

ob 3 *pp* *p* *mf*

cl 1 *p* (non-tr.) *mf*

cl 2 *p* (non-tr.) *mf*

cl 3 *p* (non-tr.) *mf*

bn 1 *p* *mf*

bn 2 *p* *mf*

bn 3 *p* *mf*

hn 1/2 *pp* *p* *a2 stagger breathe*

hn 3/4 *4 via sord.* (open) *p* *a2 stagger breathe*

tpt 1 *n.* (con sord) *mf*

tpt 2 *n.* (con sord) *mf*

tpt 3 *n.* (con sord) *mf*

trb 1

trb 2

trb 3

tba

timp

perc 1

perc 2

perc 3

harp

vn I

vn II *div.*

va *div.*

vc

cb

E

The musical score is for measures 45 through 50. It features a variety of instruments with specific performance instructions:

- Flutes (fl 1-3):** Rests in measures 45-49, then play in measure 50.
- Oboes (ob 1-3):** Play a melodic line in measures 45-49, then rest in measure 50.
- Clarinets (cl 1-3):** Play a melodic line in measures 45-49, then rest in measure 50.
- Bassoons (bn 1-3):** Play a melodic line in measures 45-49, then rest in measure 50.
- Horns (hn 1/2, 3/4):** Play sustained notes with *quasi gliss* markings in measure 50.
- Trumpets (tpt 1-3):** Play a melodic line in measures 45-49, then rest in measure 50. Includes instruction: *switch to plunger*.
- Trombones (trb 1-3):** Play sustained notes with *quasi gliss* markings in measure 50.
- Tuba (tba):** Play sustained notes with *quasi gliss* markings in measure 50.
- Timpani (timp):** Play a rhythmic pattern in measures 45-49, then rest in measure 50.
- Percussion (perc 1-3):** Play a rhythmic pattern in measures 45-49, then rest in measure 50.
- Harp (hp):** Play a melodic line in measures 45-49, then rest in measure 50.
- Violins I and II (vn I, II):** Play sustained notes in measures 45-49, then rest in measure 50.
- Violas (va):** Play sustained notes in measures 45-49, then rest in measure 50.
- Violoncello (vc):** Play a rhythmic pattern in measures 45-49, then rest in measure 50. Includes instruction: *div. col legno batt.*
- Double Bass (cb):** Play a rhythmic pattern in measures 45-49, then rest in measure 50.



F

fl 1

fl 2

fl 3

ob 1

ob 2

ob 3

cl 1

cl 2

cl 3

bn 1 (non-tr.)

bn 2 (non-tr.)

bn 3 (non-tr.)

hn 1/2 quasi gliss

hn 3/4 quasi gliss

tpt 1 plunger

tpt 2 plunger

tpt 3 plunger

trb 1

trb 2

trb 3

tba

timp

perc 1

perc 2 LION'S ROAR

perc 3 TAM-TAM

hp

vn I

vn II

va

vc

cb

*mf* *p* *mf* *p*

*mf*

*f*

*f* *n.*

*f* *n.*

*f* *n.*

*mf* *+* *+* *+* *+*

*mf* *+* *+* *+* *+*

*mf* *+* *+* *+* *+*

*f* *n.*

*f* *n.*

*f* *n.*

*f* *n.*

*mf* *tr*

*ff*

*mf* *f*

*mf*

*f* *gl.* *ff*

*f* *gl.* *mf*

*f* *gl.* *mf*

*f* *gl.* *mf*

*f* *gl.* *mf*

*f* *gl.* *mf*

*f* *arco* *f* *mf*

*mf* *f* *n.*

51

52

53

54

55

56

57

58

G

fl 1 *mf* *p* *p* *mf*  
 fl 2 *mf* *p* *p*  
 fl 3 *p* *mf* *p*  
 ob 1 *p* *mf* *p* *mf*  
 ob 2 *mf*  
 ob 3 *p* *p* *p*  
 cl 1 *p* *p* *n.* *mf*  
 cl 2 *p* *p* *n.* *mf*  
 cl 3 *mf* *p* *p* *mf*  
 bn 1 *p* *p* *mf*  
 bn 2 *p* *mf*  
 bn 3 *mf*  
 hn 1/2 *p* *n.*  
 hn 3/4 *p* *n.*  
 tpt 1 *via sord.* *p* *open* *n.* *to wa-wa*  
 tpt 2 *via sord.* *p* *open* *to wa-wa*  
 tpt 3 *via sord.* *p* *open* *to wa-wa*  
 trb 1 *mf* *p* *mf*  
 trb 2 *mf* *p* *mf*  
 trb 3 *mf* *ff* *mf*  
 tba *mf* *ff* *mf*  
 timp *p*  
 perc 1 *VIB. motor med. soft mallets* *p* *hold (no block)*  
 perc 2 *B. DR.* *p* *mf*  
 perc 3 *TAM-TAM* *mf*  
 hp *mf* *f*  
 vn I *mf*  
 vn II *non-div.*  
 va *mf*  
 vc *ff* *mf sub.*  
 cb *mf* *ff* *mf sub.* *n.* *mf*

H

Musical score for orchestra and percussion, measures 68-74. The score includes parts for Flutes (fl 1-3), Oboes (ob 1-3), Clarinets (cl 1-3), Bassoons (bn 1-3), Horns (hn 1/2, 3/4), Trumpets (tpt 1-3), Trombones (trb 1-3), Tuba (tba), Timpani (timp), Percussion (perc 1-3), Harp (hp), Violins (vn I, II), Viola (va), Violoncello (vc), and Contrabass (cb). The score features various dynamics (mf, ff, f, p), articulations (trills, gliss., pizz., arco), and performance instructions (to bass cl., to contrabassoon, col legno batt., whip). A large watermark 'PERUSAL COPY' is overlaid on the page.

68

69

70

71

72

73

74

fl 1 *f* 3 *mf* 3 *f* 3 *f* 3 *mf* 3 *f* 3

fl 2 *f* 3 *f* 3 *f* 3 *f* 3

fl 3 *mf* 3 *mf* 3 *f* 3

ob 1 *f* 3 *mf* 3 *mf* 3

ob 2 *mf* 3 *f* 3 *mf* 3

ob 3 *f* 3 *mf* 3 *f* 3

cl 1 *f* 3 *mf* 3 *f* 3 *f* 3 *mf* 3 *f* 3

cl 2 *f* 3 *f* 3 *f* 3 *f* 3 *mf* 3 *f* 3

cl 3 *f* 3 *f* 3 *f* 3 *f* 3

bn 1 *f* 3 *mf* 3 *f* 3 *f* 3 *f* 3

bn 2 *f* 3 *mf* 3 *f* 3 *f* 3 *mf* 3 *f* 3

bn 3 *f* 3 *mf* 3 *f* 3 *f* 3 *f* 3

hn 1/2 *tr* *p* *tr* *p* *p* *p*

hn 3/4 *tr* *p* *tr* *p* *p* *p*

tpt 1 *mf* *p* *mf* *p* *mf* *p*

tpt 2 *mf* *p* *mf* *p* *mf* *p*

tpt 3 *mf* *p* *mf* *p* *mf* *p*

trb 1 *mf* *p* *mf* *p* *mf* *p*

trb 2

trb 3

tba

timp

perc 1 VIBRASLAP *f* *Lv.* *f*

perc 2 *mf* *p* *mf* *p* *mf* *p*

perc 3 WHIP *f* *f*

hp

vn I *mf* *p* *f* *p* *f* *p*

vn II *mf* 3 *p* *f* 3 *p* *f* 3 *p* *f* 3 *p*

va *p* *f* *mf* *p* *f* *mf* *p* *f* *mf* *p*

vc *p* *f* *mf* *p* *mf* *p* *mf* *p* *mf* *p*

cb *f* *mf* *f* *mf* *f* *mf* *f* *mf* *f*



Musical score for orchestral instruments. The score includes parts for:
 

- Flutes (fl 1, fl 2, fl 3)
- Oboes (ob 1, ob 2, ob 3)
- Clarinets (cl 1, cl 2, cl 3)
- Bassoons (bn 1, bn 2, bn 3)
- Horns (hn 1/2, hn 3/4)
- Trumpets (tpt 1, tpt 2, tpt 3)
- Trombones (trb 1, trb 2, trb 3)
- Tuba (tba)
- Timpani (timp)
- Percussion (perc 1, perc 2, perc 3)
- Harp (hp)
- Violins (vn I, vn II)
- Viola (va)
- Violoncello (vc)
- Double Bass (cb)

 The score features various musical notations such as dynamics (mf, ff, f, p), articulation (accents, slurs), and performance instructions (e.g., "open", "unis.", "div.", "arco"). A large "Perusal Copy" watermark is overlaid diagonally across the page.

K

Musical score for orchestral instruments, measures 93 to 99. The score includes parts for:

- Flutes (fl 1, fl 2, fl 3)
- Oboes (ob 1, ob 2, ob 3)
- Clarinets (cl 1, cl 2, cl 3)
- Bassoons (bn 1, bn 2, bn 3)
- Horns (hn 1/2, hn 3/4)
- Trumpets (tpt 1, tpt 2, tpt 3)
- Trombones (trb 1, trb 2, trb 3)
- Tuba (tba)
- Timpani (timp)
- Percussion (perc 1, perc 2, perc 3 - TAM-TAM)
- Harp (hp)
- Violins (vn I, vn II)
- Viola (va)
- Violoncello (vc)
- Double Bass (cb)

Dynamic markings include *mf*, *ff*, *f*, and *p*. The score features complex rhythmic patterns, including triplets and sixteenth notes, with various articulations and slurs. A large watermark "Perusa Copy" is overlaid diagonally across the score.

93

94

95

96

97

98

99

L

The musical score is arranged in a standard orchestral format. The top staves are for woodwinds (flutes, oboes, clarinets, bassoons), followed by brass (trumpets, trombones, tuba), timpani, and percussion. The bottom staves are for strings (violins, violas, cellos). The score includes various musical notations such as triplets, slurs, and dynamic markings. A large watermark 'PERMISSION COPY' is overlaid diagonally across the page.







O

The score is divided into several systems of instruments:

- Flutes (fl 1, 2, 3):** Playing a melodic line with triplets and accents.
- Oboes (ob 1, 2, 3):** Playing a melodic line with triplets and accents.
- Clarinets (cl 1, 2, 3):** Playing a melodic line with triplets and accents.
- Bassoons (bn 1, 2, 3):** Playing a melodic line with triplets and accents.
- Horns (hn 1/2, 3/4):** Playing a melodic line with triplets.
- Trumpets (tpt 1, 2, 3):** Playing a melodic line with triplets.
- Trombones (trb 1, 2, 3):** Playing a melodic line with triplets.
- Tuba (tba):** Playing a melodic line with triplets.
- Timpani (timp):** Playing a melodic line with triplets.
- Percussion (perc 1, 2, 3):** Playing a melodic line with triplets.
- Harp (hp):** Playing a melodic line with triplets.
- Violins (vn I, II):** Playing a melodic line with triplets.
- Viola (va):** Playing a melodic line with triplets.
- Violoncello (vc):** Playing a melodic line with triplets.
- Double Bass (cb):** Playing a melodic line with triplets.

The score includes various musical notations such as triplets, accents, and dynamics like *fff* and *gl.*. A large watermark "PRELIMS COPY" is visible across the score.

117

118

119

120

121

This page contains the musical score for measures 122 through 126. The instruments and their parts are as follows:

- Flutes (fl 1, fl 2, fl 3):** Play a melodic line with triplets, starting at measure 122 and continuing through 126.
- Oboes (ob 1, ob 2, ob 3):** Play a similar melodic line to the flutes.
- Clarinets (cl 1, cl 2, cl 3):** Play a melodic line with triplets, including trills in measures 124 and 125.
- Bassoons (bn 1, bn 2, bn 3):** Play a melodic line with triplets, including trills in measures 124 and 125.
- Horns (hn 1/2, hn 3/4):** Play a melodic line with dynamics *p* and *ff*.
- Trumpets (tpt 1, tpt 2, tpt 3):** Play a melodic line with dynamics *mf* and *mp*.
- Trombones (trb 1, trb 2, trb 3):** Play a melodic line with dynamics *sf* and *mp*.
- Tuba (tba):** Plays a melodic line with dynamics *ff*.
- Timpani (timp):** Plays a melodic line with dynamics *ff*.
- Percussion (perc 1, perc 2, perc 3):** Play a melodic line with dynamics *ff*.
- Harp (hp):** Plays a melodic line with dynamics *ff*.
- Violins (vn I, vn II):** Play a melodic line with triplets.
- Viola (va):** Plays a melodic line with triplets.
- Cello (vc):** Plays a melodic line with triplets.
- Double Bass (cb):** Plays a melodic line with triplets.

fl 1 *f* *fff*

fl 2 *f* *fff*

fl 3 *solo* *mf* *p*

ob 1 *f* *fff*

ob 2 *fff*

ob 3 *fff*

cl 1 *fff*

cl 2 *fff*

cl 3 *fff*

bn 1 *fff*

bn 2 *fff*

bn 3 *solo* *mf* *p*

hn 1/2 *fff*

hn 3/4 *fff*

tpt 1 *fff*

tpt 2 *fff*

tpt 3 *fff*

trb 1 *fff*

trb 2 *fff*

trb 3 *fff*

tba *fff*

timp *fff*

perc 1 *fff*

perc 2 *fff* B. DR.

perc 3 *fff* FLEXATONE *p*

hp *fff* *gl.*

vn I *mf* *pizz.* *p*

vn II *mf* *pizz.* *p*

va *mf* *pizz.* *gl.* *p*

vc *mf* *pizz.* *gl.* *p*

cb *fff* *pizz.* *p*

127

128

129

130

131

132