

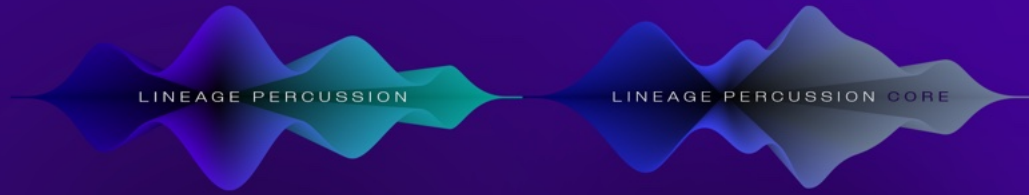
LINEAGE PERCUSSION

Pro & Core
ARTICULATION LIST

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PITCHED



Timpani

Hard mallet

Hit (ring)
Hit (damp)
Tremolo
Roll (AS) (ring)
Roll (AS) (damp)
Effects

✓	RRs	Dynamics
✓	6	7
✓	6	7
✓	1	4
✓	2	2
✓	2	2
✓	n/a	n/a

✓	RRs	Dynamics
✓	4	7
✓	4	7
✓	1	4
✓	2	2
✓	2	2
✗		

Soft mallet

Hit (ring)
Hit (damp)
Tremolo
Roll (AS) (ring)
Roll (AS) (damp)
Effects

✓	6	7
✓	6	7
✓	1	4
✓	2	2
✓	2	2
✓	n/a	n/a

✓	4	7
✓	4	7
✓	1	4
✓	2	2
✓	2	2
✗		

Glockenspiel

Hit (ring)
Hit (damp)
Glissando up (AS) (ring)
Glissando up (AS) (damp)
Glissando down (AS) (ring)
Glissando down (AS) (damp)
Glissando up & down (AS) (ring)
Glissando up & down (AS) (damp)

✓	4	4
✓	6	5
✓	2	1
✓	2	1
✓	2	1
✓	2	1
✓	2	1
✓	2	1

✓	4	4
✓	4	5
✗		
✗		
✗		
✗		
✗		
✗		

Vibraphone

Hit (ring)
Hit (damp)

✓	3	3
✓	8	5

✓	3	3
✓	4	5

Xylophone

Hit

✓	8	5
---	---	---

✓	4	5
---	---	---

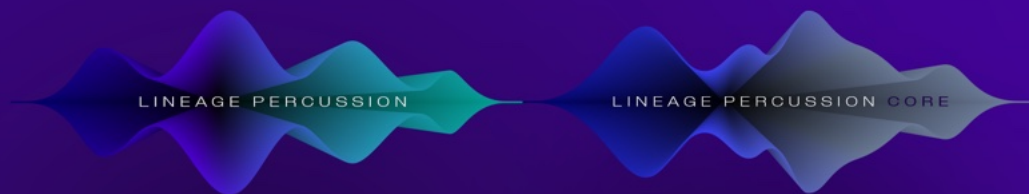
Marimba

Hit
Tremolo

✓	8	7
✓	1	3

✓	4	7
✓	1	3

PITCHED (continued)



Tubular Bells

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (ring)	✓	4	4	✓	4	4
Hit (damp)	✓	4	4	✓	4	4

Crotales 1

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (ring)	✓	4	4	✓	4	4
Hit (damp)	✓	4	4	✓	4	4
Bowed (short)	✓	2	1	✗		
Bowed (medium)	✓	2	1	✗		
Bowed (long)	✓	1	1	✗		

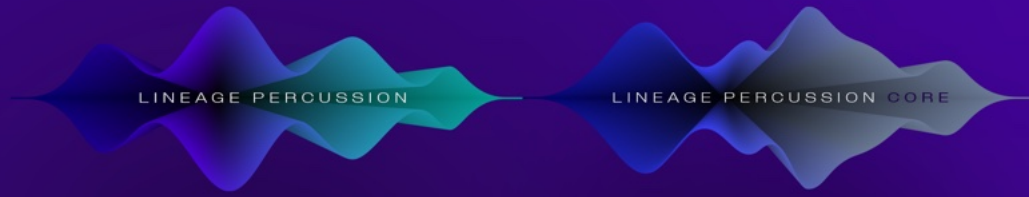
Crotales 2

	✓	RRs	Dynamics	✗		
Hit (ring)	✓	4	4	✗		
Hit (damp)	✓	4	4	✗		
Bowed (short)	✓	2	1	✗		
Bowed (medium)	✓	2	1	✗		
Bowed (long)	✓	1	1	✗		

Celesta

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (ring/damp)	✓	3	3	✓	3	3

CYMBALS



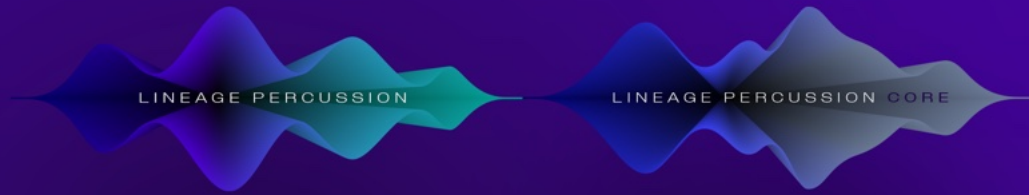
Sus Cymbal 1

	✓	RRs	Dynamics	✓	RRs	Dynamics
Soft mallet						
Hit (ring)	✓	6	7	✓	4	7
Hit (damp)	✓	6	7	✓	4	7
Tremolo	✓	1	4	✓	1	4
Roll (AS) (ring)	✓	2	3	✓	2	3
Roll (AS) (damp)	✓	2	3	✓	2	3
Drumstick						
Hit (ring)	✓	6	5	✓	4	5
Hit (damp)	✓	6	5	✓	4	5
Side hit	✓	6	5	✓	4	5
Brush						
Hit (ring)	✓	4	4	✓	4	4
Hit (damp)	✓	4	4	✓	4	4
Other						
Scrape (ring)	✓	3	3	✗		
Scrape (damp)	✓	3	3	✗		
Bow (AS) (ring)	✓	1	1	✗		
Bow (AS) (damp)	✓	1	1	✗		

Sus Cymbal 2

Soft mallet						
Hit (ring)	✓	6	7	✗		
Hit (damp)	✓	6	7	✗		
Tremolo	✓	1	4	✗		
Roll (AS) (ring)	✓	2	3	✗		
Roll (AS) (damp)	✓	2	3	✗		
Drumstick						
Hit (ring)	✓	6	5	✗		
Hit (damp)	✓	6	5	✗		
Side hit (ring)	✓	6	4	✗		
Side hit (damp)	✓	6	4	✗		
Brush						
Hit (ring)	✓	5	4	✗		
Hit (damp)	✓	6	4	✗		
Other						
Scrape (ring)	✓	5	3	✗		
Scrape (damp)	✓	5	3	✗		
Bow (AS)	✓	2	1	✗		

CYMBALS (continued)



Piatti 1

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (open)	✓	3	5	✓	3	5
Hit (closed)	✓	4	5	✓	4	5
Effects	✓	n/a	n/a	✗		

Piatti 2

	✓	RRs	Dynamics	✗	RRs	Dynamics
Hit (open)	✓	2	6	✗		
Hit (closed)	✓	3	5	✗		

Tam-tam 1

Soft mallet

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (ring)	✓	2	9	✓	2	9
Hit (damp)	✓	4	6	✓	4	6
Tremolo	✓	1	4	✓	1	4
Roll (AS) (ring)	✓	2	2	✓	2	2
Roll (AS) (damp)	✓	2	2	✓	2	2
Scrape (AS)	✓	1	2	✗		

Brush

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (ring)	✓	6	5	✓	4	5
Hit (damp)	✓	6	6	✓	4	6

Tam-tam 2

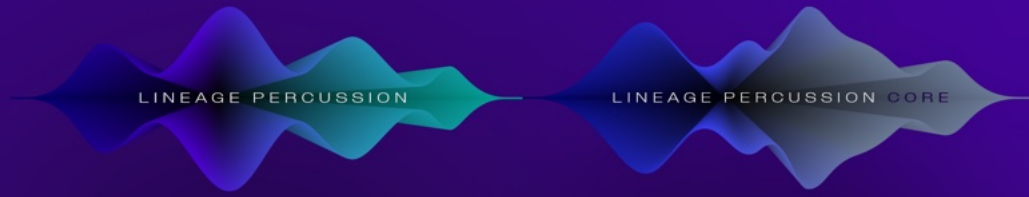
Soft mallet

	✓	RRs	Dynamics	✗	RRs	Dynamics
Hit (ring)	✓	3	7	✗		
Hit (damp)	✓	4	5	✗		
Tremolo	✓	1	5	✗		
Roll (AS) (ring)	✓	2	2	✗		
Roll (AS) (damp)	✓	2	2	✗		
Scrape (AS) (ring)	✓	2	1	✗		
Scrape (AS) (damp)	✓	2	1	✗		
Bow (AS) (ring)	✓	2	1	✗		
Bow (AS) (damp)	✓	1	1	✗		

Brush

	✓	RRs	Dynamics	✗	RRs	Dynamics
Hit (ring)	✓	6	6	✗		
Hit (damp)	✓	8	5	✗		

SNARE DRUMS



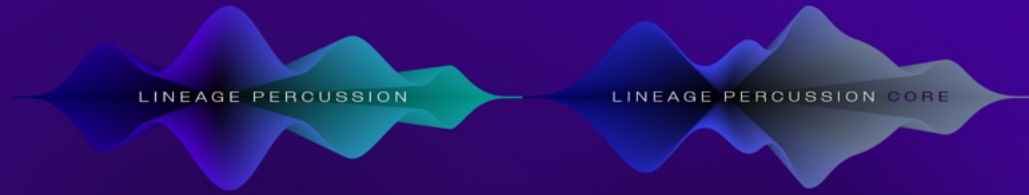
Snare Drum 1

	✓	RRs	Dynamics	✓	RRs	Dynamics
Snares ON						
Hit	✓	10	10	✓	4	10
Flam	✓	6	6	✓	4	6
Tremolo (open)	✓	1	6	✓	1	6
Tremolo (closed)	✓	1	6	✓	1	6
Roll (AS)	✓	2	2	✓	2	2
Snares OFF						
Hit	✓	10	12	✓	4	12
Flam	✓	6	6	✓	4	6
Tremolo	✓	1	6	✓	1	6
Roll (AS)	✓	2	2	✓	2	2
Rims & Sticks						
Rim	✓	8	7	✓	4	7
Side hit	✓	10	5	✓	4	5
Sticks	✓	8	8	✓	4	8

Snare Drum 2

	✓	RRs	Dynamics	✗	RRs	Dynamics
Snares ON						
Hit	✓	10	12	✗		
Flam	✓	6	6	✗		
Tremolo (open)	✓	1	5	✗		
Tremolo (closed)	✓	1	5	✗		
Roll (AS)	✓	2	2	✗		
Snares OFF						
Hit	✓	10	11	✗		
Flam	✓	6	6	✗		
Tremolo	✓	1	4	✗		
Roll (AS)	✓	2	2	✗		
Rims & Sticks						
Rim	✓	8	6	✗		
Side hit	✓	10	5	✗		
Sticks	✓	8	8	✗		

SNARE DRUMS (continued)



Snare Drum 3

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (open)	✓	10	4	✗		
Hit (closed)	✓	10	4	✗		
Flam (open)	✓	8	5	✗		
Flam (closed)	✓	8	5	✗		
Short tremolo (open)	✓	6	4	✗		
Short tremolo (closed)	✓	6	4	✗		
Rim	✓	8	5	✗		
Sweep (5 variations)	✓	6	2	✗		

Snare Drum Ens 1

Snares ON

Hit	✓	10	10	✓	4	10
Flam	✓	6	9	✓	4	9
Tremolo (open)	✓	1	6	✓	1	6
Tremolo (closed)	✓	1	4	✓	1	4
Roll (AS)	✓	2	2	✓	2	2

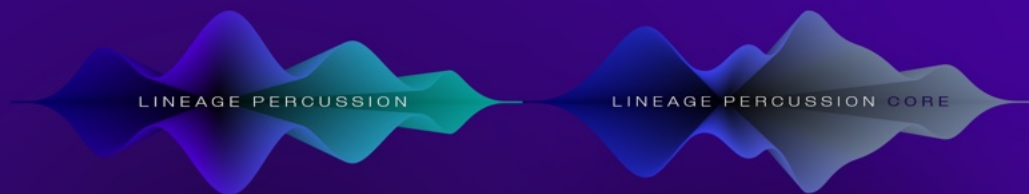
Snares OFF

Hit	✓	10	8	✓	4	8
Flam	✓	6	7	✓	4	7
Tremolo (open)	✓	1	6	✓	1	6
Tremolo (closed)	✓	1	4	✓	1	4
Roll (AS)	✓	2	2	✓	2	2

Rims & Sticks

Rim	✓	10	6	✓	4	6
Side hit	✓	8	7	✓	4	7
Sticks	✓	8	7	✓	4	7

SNARE DRUMS (continued)



Snare Drum Ens 2

Snares ON

Hit
Flam
Tremolo (open)
Tremolo (closed)
Roll (AS)

✓	RRs	Dynamics
✓	10	9
✓	6	8
✓	1	6
✓	1	4
✓	2	2

✓	RRs	Dynamics
×		
×		
×		
×		
×		

Snares OFF

Hit
Flam
Tremolo (open)
Tremolo (closed)
Roll (AS)

✓	RRs	Dynamics
✓	10	8
✓	6	6
✓	1	5
✓	1	4
✓	2	2

✓	RRs	Dynamics
×		
×		
×		
×		
×		

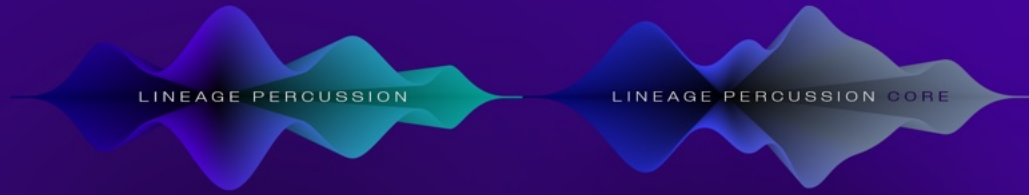
Rims & Sticks

Rim
Side hit
Sticks

✓	RRs	Dynamics
✓	8	6
✓	8	6
✓	8	7

✓	RRs	Dynamics
×		
×		
×		

DRUMS



Gran Cassa 1

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (ring)	✓	6	7	✓	4	7
Hit (damp)	✓	7	8	✓	4	8
Tremolo	✓	2	6	✓	2	6
Roll (AS) (ring)	✓	2	2	✓	2	2
Roll (AS) (damp)	✓	2	2	✓	2	2
Effects	✓	n/a	n/a	✗		

Gran Cassa 2

Hard mallet

Hit (ring)	✓	6	7	✗		
Hit (damp)	✓	6	9	✗		
Tremolo	✓	2	7	✗		
Roll (AS) (ring)	✓	2	2	✗		
Roll (AS) (damp)	✓	2	2	✗		

Wooden mallet

Hit (ring)	✓	6	7	✗		
Hit (damp)	✓	6	9	✗		
Tremolo	✓	1	5	✗		
Roll (AS) (ring)	✓	2	2	✗		
Roll (AS) (damp)	✓	2	2	✗		

Other

Rim hit	✓	6	5	✗		
Rim flam	✓	6	8	✗		
Effects	✓	n/a	n/a	✗		

Bongo 1

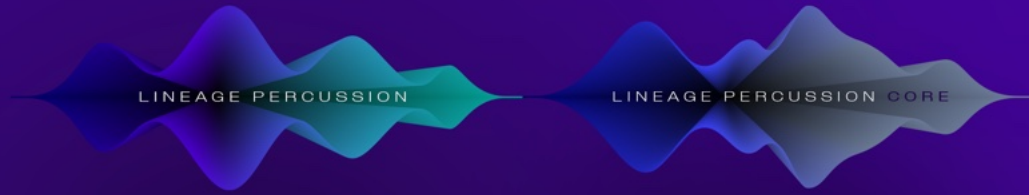
Drumstick

Hit	✓	9	5	✓	4	5
Flam	✓	9	5	✓	4	5
Tremolo	✓	1	2	✓	1	2
Roll (AS)	✓	2	2	✓	2	2
Short tremolo	✓	9	5	✓	4	5

Hand

Hit (open)	✓	9	4	✓	4	4
Hit (closed)	✓	9	4	✓	4	4
Flam	✓	9	4	✓	4	4
Slap	✓	9	4	✓	4	4

DRUMS (continued)



Bongo 2

Drumstick

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	9	5	✓	4	5
Flam	✓	9	5	✓	4	5
Tremolo	✓	1	2	✓	1	2
Roll (AS)	✓	2	2	✓	2	2
Short tremolo	✓	9	5	✓	4	5

Hand

Hit (open)	✓	9	4	✓	4	4
Hit (closed)	✓	9	4	✓	4	4
Flam	✓	9	4	✓	4	4
Slap	✓	9	4	✓	4	4

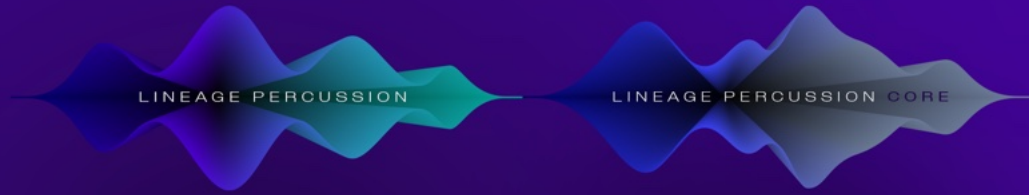
Conga 1

Hit (down)	✓	10	1	✓	4	1
Hit (open)	✓	10	4	✓	4	4
Hit (closed)	✓	10	3	✓	4	3
Slap (open)	✓	10	5	✓	4	5
Slap (closed)	✓	10	3	✓	4	3
Flam 1	✓	10	4	✓	4	4
Flam 2	✓	10	4	✓	4	4
Tremolo	✓	2	4	✓	2	4
Roll (AS)	✓	2	1	✓	2	1
Short tremolo	✓	10	3	✓	4	3

Conga 2

Hit (down)	✓	10	3	✓	4	3
Hit (open)	✓	10	4	✓	4	4
Hit (closed)	✓	10	3	✓	4	3
Flam	✓	10	4	✓	4	4
Tremolo	✓	2	4	✓	2	4
Roll (AS)	✓	2	1	✓	2	1
Short tremolo	✓	10	4	✓	4	4

DRUMS (continued)



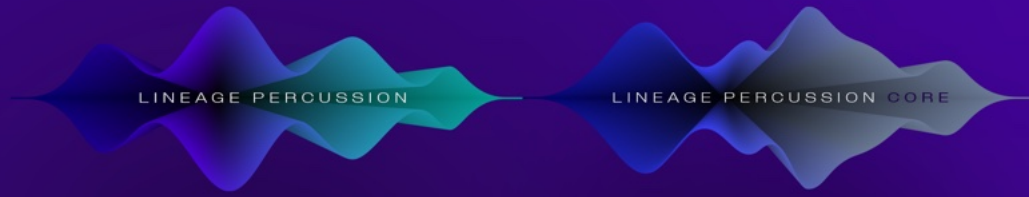
Timbale 1

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (open)	✓	6	6	✓	4	6
Hit (closed)	✓	6	7	✓	4	7
Flam (open)	✓	6	7	✓	4	7
Flam (closed)	✓	6	7	✓	4	7
Tremolo (open)	✓	2	3	✓	2	3
Tremolo (closed)	✓	2	3	✓	2	3
Roll (AS) (open)	✓	2	2	✓	2	2
Roll (AS) (closed)	✓	2	2	✓	2	2
Short tremolo	✓	10	3	✓	4	3
Rim hit	✓	8	4	✓	4	4
Rim flam	✓	6	4	✓	4	4
Side hit	✓	6	4	✓	4	4

Timbale 2

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (open)	✓	6	6	✓	4	6
Hit (closed)	✓	6	7	✓	4	7
Flam (open)	✓	6	8	✓	4	8
Flam (closed)	✓	6	7	✓	4	7
Tremolo (open)	✓	2	3	✓	2	3
Tremolo (closed)	✓	2	3	✓	2	3
Roll (AS) (open)	✓	2	2	✓	2	2
Roll (AS) (closed)	✓	2	2	✓	2	2
Short tremolo	✓	10	3	✓	4	3
Rim hit	✓	8	5	✓	4	5
Rim flam	✓	6	4	✓	4	4
Side hit	✓	6	5	✓	4	5

TOMS



Tomtom 1

Drumstick

Hit
Flam
Rim
Roll (AS)
Short tremolo

✓	RRs	Dynamics
✓	10	7
✓	6	4
✓	10	4
✓	2	2
✓	6	4

✓	RRs	Dynamics
✓	4	7
✓	4	4
✓	4	4
✓	2	2
✓	4	4

Soft mallet

Hit

✓	10	5
---	----	---

✓	4	5
---	---	---

Tomtom 2

Drumstick

Hit
Flam
Rim
Roll (AS)
Short tremolo

✓	10	7
✓	6	6
✓	10	4
✓	2	2
✓	6	5

✓	4	7
✓	4	6
✓	4	4
✓	2	2
✓	4	5

Soft mallet

Hit

✓	10	5
---	----	---

✓	4	5
---	---	---

Tomtom 3

Drumstick

Hit
Flam
Rim
Roll (AS)
Short tremolo

✓	10	7
✓	6	6
✓	10	4
✓	2	2
✓	6	5

✓	4	7
✓	4	6
✓	4	4
✓	2	2
✓	4	5

Soft mallet

Hit

✓	10	5
---	----	---

✓	4	5
---	---	---

Tomtom 4

Drumstick

Hit
Flam
Rim
Roll (AS)
Short tremolo

✓	10	8
✓	6	7
✓	10	4
✓	2	2
✓	6	6

×		
×		
×		
×		
×		

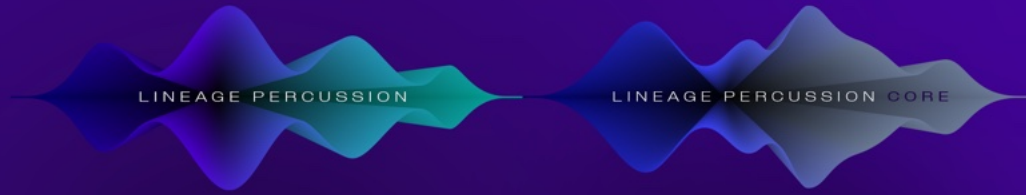
Soft mallet

Hit

✓	10	8
---	----	---

×		
---	--	--

TOMS (continued)



Rototom 1

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	10	4	✓	4	4
Flam	✓	10	4	✓	4	4
Rim	✓	10	4	✓	4	4
Short tremolo	✓	10	4	✓	4	4

Rototom 2

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	10	4	✓	4	4
Flam	✓	10	3	✓	4	3
Rim	✓	10	4	✓	4	4
Short tremolo	✓	10	4	✓	4	4

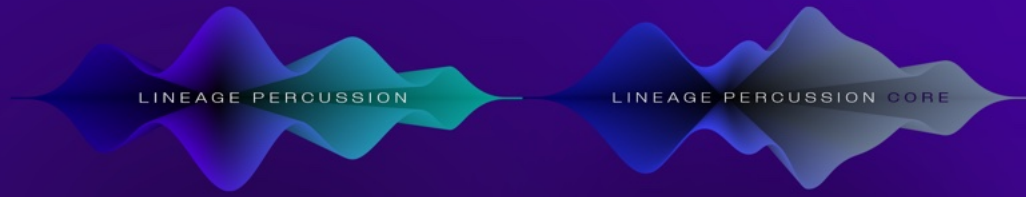
Rototom 3

	✓	RRs	Dynamics	✗	RRs	Dynamics
Hit	✓	10	4	✗		
Flam	✓	10	4	✗		
Rim	✓	10	4	✗		
Short tremolo	✓	10	4	✗		

Rototom 4

	✓	RRs	Dynamics	✗	RRs	Dynamics
Hit	✓	10	4	✗		
Side hit	✓	10	6	✗		
Flam	✓	10	4	✗		
Rim	✓	10	4	✗		
Short tremolo	✓	10	5	✗		

WOODBLOCKS



Woodblock 1

Hard mallet

Hit
Tremolo
Roll (AS)

✓	RRs	Dynamics
✓	6	4
✓	1	3
✓	2	1

Soft mallet

Hit
Tremolo
Roll (AS)

✓	RRs	Dynamics
✓	6	4
✓	1	4
✓	2	1

✓	RRs	Dynamics
✓	4	4
✓	1	3
✓	2	1

✓	RRs	Dynamics
✓	4	4
✓	1	4
✓	2	1

Woodblock 2

Hard mallet

Hit
Tremolo
Roll (AS)

✓	RRs	Dynamics
✓	6	4
✓	1	3
✓	2	1

Soft mallet

Hit
Tremolo
Roll (AS)

✓	RRs	Dynamics
✓	6	4
✓	1	4
✓	2	1

✓	RRs	Dynamics
✓	4	4
✓	1	3
✓	2	1

✓	RRs	Dynamics
✓	4	4
✓	1	4
✓	2	1

Woodblock 3

Hard mallet

Hit
Tremolo
Roll (AS)

✓	RRs	Dynamics
✓	6	4
✓	1	3
✓	2	1

Soft mallet

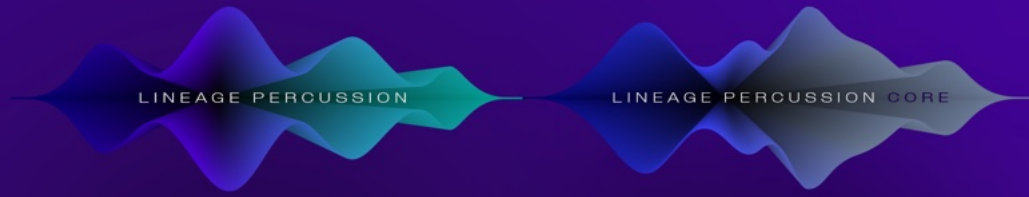
Hit
Tremolo
Roll (AS)

✓	RRs	Dynamics
✓	6	4
✓	1	4
✓	2	1

✓	RRs	Dynamics
✓	4	4
✓	1	3
✓	2	1

✓	RRs	Dynamics
✓	4	4
✓	1	4
✓	2	1

WOODBLOCKS (continued)



Templeblock 1

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	10	5	✓	4	5
Tremolo	✓	1	4	✓	1	4
Short tremolo	✓	8	4	✓	4	4

Templeblock 2

Hit	✓	10	5	✓	4	5
Tremolo	✓	1	4	✓	1	4
Short tremolo	✓	8	4	✓	4	4

Templeblock 3

Hit	✓	10	5	✓	4	5
Tremolo	✓	1	4	✓	1	4
Short tremolo	✓	8	4	✓	4	4

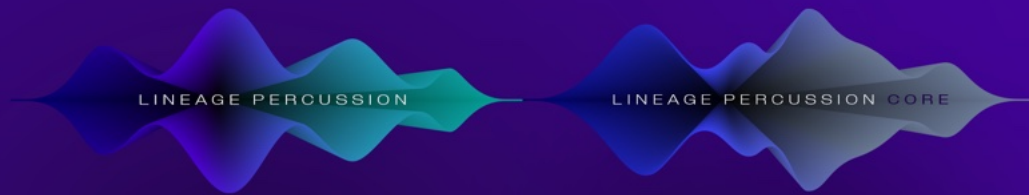
Templeblock 4

Hit	✓	10	5	✓	4	5
Tremolo	✓	1	4	✓	1	4
Short tremolo	✓	8	4	✓	4	4

Templeblock 5

Hit	✓	10	5	✓	4	5
Tremolo	✓	1	4	✓	1	4
Short tremolo	✓	8	4	✓	4	4

METALS



Cowbell 1

Drumstick

Hit (open)
Hit (closed)

✓	RRs	Dynamics
✓	6	5
✓	6	5

✓	RRs	Dynamics
✓	4	5
✓	4	5

Soft mallet

Hit (open)
Hit (closed)

✓	6	5
✓	6	5

✓	4	5
✓	4	5

Cowbell 2

Drumstick

Hit (open)
Hit (closed)

✓	6	5
✓	6	5

×		
×		

Soft mallet

Hit (open)
Hit (closed)

✓	6	5
✓	6	5

×		
×		

Cowbell 3

Drumstick

Hit (open)
Hit (closed)

✓	6	5
✓	6	5

×		
×		

Soft mallet

Hit (open)
Hit (closed)

✓	6	5
✓	6	5

×		
×		

Cowbell 4

Drumstick

Hit (open)
Hit (closed)

✓	6	5
✓	6	5

×		
×		

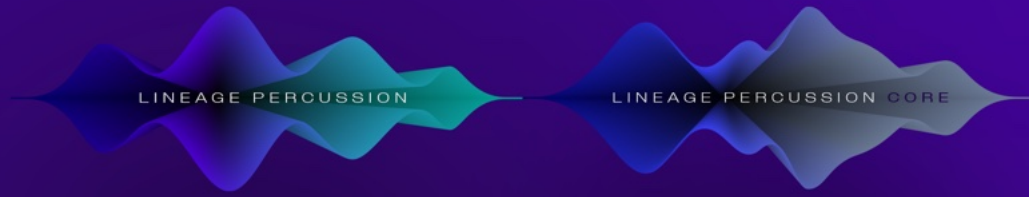
Soft mallet

Hit (open)
Hit (closed)

✓	6	5
✓	6	5

×		
×		

METALS (continued)



Triangle

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit (open)	✓	8	4	✓	4	4
Hit (muted)	✓	8	4	✓	4	4
Hit (closed)	✓	8	4	✓	4	4
Tremolo	✓	1	3	✓	1	3
Roll (AS) (ring)	✓	2	1	✓	2	1
Roll (AS) (damp)	✓	2	1	✓	2	1

Bell Tree

Roll (AS)	✓	2	3	✓	2	3
Effects	✓	2	3	✗		

Mark Tree

Glissando (AS)	✓	2	1	✓	2	1
Effects	✓	n/a	n/a	✗		

Anvil 1

Drumstick Hit	✓	6	6	✗		
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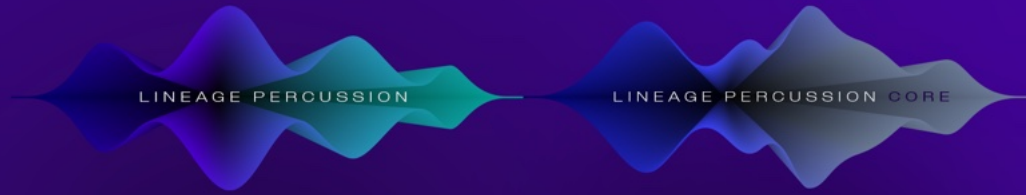
Hard mallet Hit	✓	6	7	✗		
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Anvil 2

Drumstick Hit	✓	6	5	✗		
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Hard mallet Hit	✓	6	6	✗		
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VARIOUS



Tambourine

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	8	6	✓	4	6
Tremolo	✓	1	3	✓	1	3
Roll (AS)	✓	2	1	✓	2	1

Beating

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	8	5	✓	4	5
Tremolo w/ accent	✓	1	3	✓	1	3
Tremolo	✓	1	3	✓	1	3
Roll (AS)	✓	2	1	✓	2	1

Whip

	✓	RRs	Dynamics	✗	RRs	Dynamics
Hit	✓	8	5	✗		

Claves

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	6	5	✓	4	5

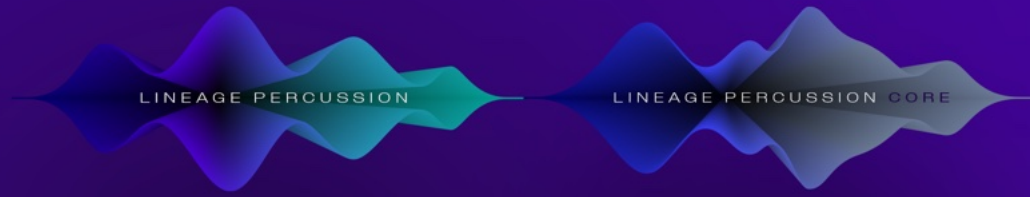
Castanets

	✓	RRs	Dynamics	✗	RRs	Dynamics
Hit 1	✓	6	4	✗		
Hit 2	✓	6	4	✗		
Tremolo 1	✓	1	3	✗		
Tremolo 2	✓	1	3	✗		
Tremolo 3	✓	1	3	✗		
Short tremolo	✓	6	4	✗		
Roll 1 (AS)	✓	2	2	✗		
Roll 2 (AS)	✓	2	2	✗		
Roll 3 (AS)	✓	2	2	✗		

Cabassa

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	6	4	✓	4	4
Tick	✓	6	4	✓	4	4
Short tremolo	✓	6	3	✓	4	3

VARIOUS (continued)



Cricket

	✓	RRs	Dynamics	✓	RRs	Dynamics
Hit	✓	7	4	✗		

Kashishi

Hit 1	✓	6	4	✗		
Hit 2	✓	6	4	✗		
Tremolo	✓	1	3	✗		

Egg Shaker

Hit	✓	10	1	✓	4	1
Tremolo	✓	1	4	✓	1	4

Guiro

Up	✓	6	2	✓	4	2
Up & Down	✓	6	2	✓	4	2

Vibraslap 1

Hit	✓	4	3	✓	4	3
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Vibraslap 2

Hit	✓	6	3	✗		
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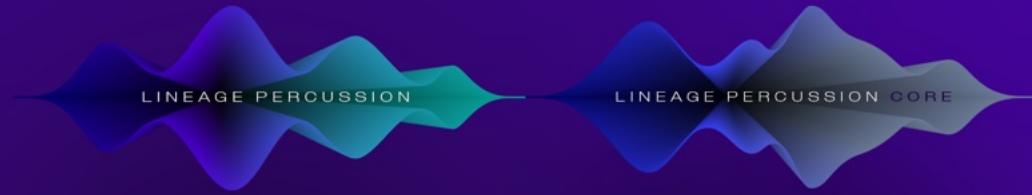
Sleigh Bells 1

Hit	✓	8	3	✓	4	3
Tremolo	✓	2	3	✓	2	3

Sleigh Bells 2

Hit	✓	8	3	✗		
Tremolo	✓	2	3	✗		

VARIOUS (continued)



Rattle

Short
Medium
Long

✓	RRs	Dynamics
✓	4	1
✓	4	1
✓	4	1

✓	RRs	Dynamics
✗		
✗		
✗		

Hand Claps

Solo
Ensemble

✓	5	3
✓	6	3

✗	
✗	

Finger Snaps

Solo
Ensemble

✓	7	3
✓	5	2

✗	
✗	