

Broadway Big Band – Instruments and articulations:

## **BRASS SECTION**

### **TRUMPET #1**

#### **MICROPHONE SETUPS FOR TRUMPET #1**

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic
- Mic 5 – Ribbon mic
- Mic 6 – PA mic

#### **ARTICULATIONS FOR TRUMPET #1**

- Sustain + No vibrato
- Sustain + Progressive vibrato
- Sustain + Deep Vibrato
- Legato (Progressive vibrato)
- Legato to short (Legato to Staccato)
- Staccato
- Staccatissimo
- Fall down – fast
- Fall down – slow
- Fall down – slow from sustain
- Fall down – very slow
- Fall down – very slow from sustain *\*(simulated)*
- Fall up (Doit)
- Fall up (Doit) from sustain
- Fall up – slow
- Smear into sustain
- Smear down & back
- Sfz + Crescendo – Fast
- Sfz + Crescendo – Slow
- Marcato + Mild vibrato
- Rip up into short note
- Rip down to sustain
- Rip up to sustain + No vibrato
- Rip up to sustain + Deep vibrato
- Shake – Fast
- Shake – Slow
- Grace note
- Chromatic Runs
- Rip portamento *\*(limited intervals)*
- Rip portamento to short

- Flutter – Sustains
  - Growl – Sustains
  - Fall down (fast) with flutter
  - Rip up to sustain with flutter
  - Plunger Pattern 1
  - Plunger Pattern 2
  - Plunger Pattern 3
  - Plunger Pattern 4
  - Plunger Pattern 1 w/ Flutter
  - Plunger Pattern 2 w/ Flutter
  - Plunger Pattern 3 w/ Flutter
  - Plunger Pattern 14w/ Flutter
  - Staccato + Closed plunger
  - Staccato + Open plunger
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## **TRUMPET #1 + HARMON MUTE**

### Microphone setups for Trumpet #1 + Harmon mute

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic
- Mic 5 – Ribbon mic
- Mic 6 – PA mic

### Articulations for Trumpet #1 + Harmon mute

- Sustain + Progressive vibrato
  - Sustain + Stem on
  - Simulated legato
  - Staccato + Closed stem
  - Staccato + Open Stem
  - Shake
  - Fall down – Fast
  - Fall down – Fast from sustain *\*(simulated)*
  - Fall down – Slow
  - Fall down – Slow from sustain *\*(simulated)*
  - Fall up (Doit)
  - Fall up (Doit) from sustain *\*(simulated)*
  - Plunger pattern 1
  - Plunger pattern 2
  - Plunger pattern 3
  - Plunger pattern 4
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## **TRUMPET #1 + CUP MUTE**

### Microphone setups for Trumpet #1 + Cup mute

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic
- Mic 5 – Ribbon mic
- Mic 6 – PA mic

### Articulations for Trumpet #1 + Cup mute

- Sustain + No vibrato
  - Sustain + Deep vibrato
  - Simulated legato
  - Staccato
  - Shake
  - Falls
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## **TRUMPET #2**

### Microphone setups for Trumpet #2

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic
- Mic 5 – Ribbon mic
- Mic 6 – PA mic

### Articulations for Trumpet #2

- Sustain + Progressive vibrato
  - Sustain + Flutter tonguing
  - Simulated legato
  - Staccato
  - Fall down – Fast
  - Fall down – Slow
  - Fall down – very slow from sustain
  - Fall up (Doit)
  - Fall up (Doit) from sustain *\*(simulated)*
  - Sforzando
  - Sforzando + Crescendo
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## **TRUMPET #2 + HARMON MUTE**

### Microphone setups for Trumpet #2 + Harmon mute

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic
- Mic 5 – Ribbon mic
- Mic 6 – PA mic

### Articulations for Trumpet #2 + Harmon mute

- Sustain + Progressive vibrato
  - Simulated legato
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## **TENOR TROMBONE**

### Microphone setups for Tenor Trombone

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic

### Articulations for Tenor Trombone

- Sustain + No vibrato
- Sustain + Vibrato
- Sustain + Hard attack
- Sustain + Flutter tonguing
- Sustain + Flutter tonguing + Hard attack
- Smear to sustain + No Vibrato
- Smear to sustain + Vibrato
- Legato
- Glissando / Portamento
- Glissando / Portamento + Flutter tonguing
- Staccato
- Staccatissimo
- Staccato + Flutter tonguing
- Sforzando
- Sforzando + Crescendo – Fast
- Sforzando + Crescendo – Slow
- Fall down – Fast
- Fall down – Slow
- Fall down – Fast + Flutter
- Fall up (Doit)

- All falls available as falls from sustain (simulated)
  - Glide down
  - Glide up into staccato
  - Rip up to a short note
  - Shake
  - Plunger pattern #1
  - Plunger pattern #2
  - Plunger pattern #3
  - Plunger pattern #4
  - Short plunger (“Wow”) – Marccato
  - Flutter + Closed plunger
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### **TENOR TROMBONE + STRAIGHT MUTE**

#### Microphone setups for Tenor Trombone + Straight mute

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic

#### Articulations for Tenor Trombone + Straight mute

- Sustain + No vibrato
  - Simulated Legato
  - Staccato
  - Fall
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### **TENOR TROMBONE + BUCKET MUTE**

#### Microphone setups for Tenor Trombone + Bucket mute

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic

#### Articulations for Tenor Trombone + Bucket mute

- Sustain + Vibrato
  - Simulated Legato
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## REEDS

### CLARINET

#### MICROPHONE SETUPS FOR CLARINET

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic

#### ARTICULATIONS FOR CLARINET

- Sustain + Progressive deep Vibrato
  - Legato (Progressive deep vibrato)
  - Glide down (Clairmer style)
  - Smear into sustain (Deep vibrato)
  - Smear Legato (Stylized portamento) \*(limited intervals)
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### SOPRANO SAXOPHONE

#### MICROPHONE SETUPS FOR SOPRANO SAXOPHONE

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic

#### ARTICULATIONS FOR SOPRANO SAXOPHONE

- Sustain + No vibrato
  - Sustain + Vibrato
  - Legato + No vibrato
  - Legato + Vibrato
  - Staccato
  - Staccatissimo
  - Legato to short
  - Smear into sustain
  - Rip up into short note
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## **ALTO SAXOPHONE #1**

### **MICROPHONE SETUPS FOR ALTO SAXOPHONE #1**

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic
- Mic 5 – PA mic

### **ARTICULATIONS FOR ALTO SAXOPHONE #1**

- Sustain + Progressive vibrato
  - Sustain + Deep Vibrato
  - Legato
  - Legato to short
  - Grace note
  - Growl – Sustain
  - Growl – Fall
  - Fall down fast
  - Fall down from sustain – fast
  - Fall down from sustain – slow
  - Fall up
  - Fall up from sustain
  - Fall up slow
  - Glide down
  - Staccato
  - Staccatissimo
  - Sforzando
  - Marccato + Dirty Vibrato
  - Smear into note
  - Smear Legato (a stylized portamento)
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## **ALTO SAXOPHONE #2**

### **MICROPHONE SETUPS FOR ALTO SAXOPHONE #2**

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic

### **ARTICULATIONS FOR ALTO SAXOPHONE #2**

- Sustain + Progressive vibrato
- Simulated legato
- Staccatissimo
- Fall down fast

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## TENOR SAXOPHONE #1

### MICROPHONE SETUPS FOR TENOR SAXOPHONE #1

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic
- Mic 5 – PA mic

### ARTICULATIONS FOR TENOR SAXOPHONE #1

- Sustain + Progressive vibrato
  - Sustain + No vibrato
  - Sustain + Strong vibrato
  - FP + Vibrato
  - Marccato + Mild vibrato
  - Marccato + Dirty Vibrato
  - Legato
  - Legato to short
  - Rip up into short note
  - Staccato
  - Staccatissimo
  - Fall down – fast
  - Fall down from sustain – fast
  - Fall down – slow
  - Fall down from sustain – slow (simulated)
  - Fall up
  - Fall up from sustain
  - Glide down
  - Sforzando
  - sfz + Crescendo – fast
  - sfz + Crescendo – slow
  - Smear into note
  - Slow smear into note
  - Growl – Sustain
  - Growl – Fall
  - Smear w/ Growl
  - Alternate fingering
  - Clap FX
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## **TENOR SAXOPHONE #2**

### **MICROPHONE SETUPS FOR TENOR SAXOPHONE #2**

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic

### **ARTICULATIONS FOR TENOR SAXOPHONE #2**

- Sustain + No vibrato
  - Sustain + Deep vibrato
  - Sustain + Progressive vibrato
  - Repetition (legato in Prima)
  - Repetition to a short note (Legato to a short note in Prima)
  - Simulated legato
  - Fall down fast
  - Fall down slow
  - Fall up
  - Sforzando
  - Staccato
  - Staccatissimo
  - Smear into sustain
  - Slow smear into sustain
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## **BARITONE SAXOPHONE**

### **MICROPHONE SETUPS FOR BARITONE SAXOPHONE**

- Mic 1 – Close mic
- Mic 2 – Tight mic
- Mic 3 – Loose mic
- Mic 4 – Room mic

### **ARTICULATIONS FOR BARITONE SAXOPHONE**

- Sustain + No vibrato
- Sustain + Vibrato
- Sforzando
- Sfz + Crescendo
- Legato + No vibrato
- Legato + Vibrato
- Legato to short note
- Smear into sustain
- Sustain + Growl

- Smear into sustain + Growl
  - Grace note sustain
  - Grace note short minor 2nd – up
  - Grace note short major 2nd – up
  - Grace note short minor 2nd – down
  - Staccato
  - Staccatissimo
  - Double Staccato
  - Tripple Staccato
  - Double grace note short
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## **RHYTHM SECTION**

### **DRUM KIT - STICKS**

#### **MICROPHONE SETUPS FOR DRUM KIT – STICKS**

- Stereo mixdown

#### **ARTICULATIONS FOR DRUM KIT – STICKS**

- Kick drum
- Kick drum – Soft
- SD – Center (Left)
- SD – Center (Right)
- SD – Off Center (Left)
- SD – Off Center (Right)
- SD – Rim Shot – edge (Left)
- SD – Rim Shot – edge (Right)
- SD – Rim (Left)
- SD – Rim (Right)
- SD – Side-Stick
- SD – Stick Click
- SD – double hit (Left)
- SD – double hit (Right)
- SD – Buzz Roll (Left)
- SD – Buzz Roll (Right)
- SD – Roll to hit
- Hi Rack Tom – Center (Left)
- Hi Rack Tom – Center (Right)
- Hi Rack Tom – Edge (Left)
- Hi Rack Tom – Edge (Right)
- Hi Rack Tom – Rim (Left)
- Hi Rack Tom – Rim (Right)
- Hi Rack Tom – Muted
- Low Rack Tom – Center (Left)
- Low Rack Tom – Center (Right)

- Low Rack Tom – Edge (Left)
- Low Rack Tom – Edge (Right)
- Low Rack Tom – Rim (Left)
- Low Rack Tom – Rim (Right)
- Low Rack Tom – Muted
- Floor Tom – Center (Left)
- Floor Tom – Center (Right)
- Floor Tom – Edge (Left)
- Floor Tom – Edge (Right)
- Floor Tom – Rim (Left)
- Floor Tom – Rim (Right)
- Floor Tom – Muted
- HH – Closed – Edge – Tight (Left)
- HH – Closed – Edge – Tight (Right)
- HH – Closed – Tip – Tight (Left)
- HH – Closed – Tip – Tight (Right)
- HH – Closed – Edge – Not Tight (Left)
- HH – Closed – Edge – Not Tight (Right)
- HH – Closed – Tip – Not Tight (Left)
- HH – Closed – Tip – Not Tight (Right)
- HH – Closed – Edge – Loose (Left)
- HH – Closed – Edge – Loose (Right)
- HH – Closed – Tip – Loose (Left)
- HH – Closed – Tip – Loose (Right)
- HH – Half open – Edge (Left)
- HH – Half open – Edge (Right)
- HH – Open – Edge (Left)
- HH – Open – Edge (Right)
- HH – Open – Tip (Left)
- HH – Open – Tip (Right)
- HH – Stomp
- HH – Stomp (from open)
- HH – Stomp (from open) + Closed hit
- HH – Splash
- HH – Bark
- Splash – Left
- Splash – Right
- Splash – Chock
- 16" Crash – Edge (Left)
- 16" Crash – Edge (Right)
- 16" Crash – Tip (Left)
- 16" Crash – Tip (Right)
- 16" Crash – Bell (Left)
- 16" Crash – Bell (Right)
- 16" Crash – Chock (hit)
- 16" Crash – Chocking (from open)
- 16" Crash – Harmonics
- 19" Crash – Edge (Left)

- 19" Crash – Edge (Right)
- 19" Crash – Tip (Left)
- 19" Crash – Tip (Right)
- 19" Crash – Bell (Left)
- 19" Crash – Bell (Right)
- 19" Crash – Chock (hit)
- 19" Crash – Chocking (from open)
- 19" Crash – Harmonics
- Crash-Ride – Edge (Left)
- Crash-Ride – Edge (Right)
- Crash-Ride – Tip (Left)
- Crash-Ride – Tip (Right)
- Crash-Ride – Bell (Left)
- Crash-Ride – Bell (Right)
- Crash-Ride – Chock (hit)
- 20" Ride – Edge (Left)
- 20" Ride – Edge (Right)
- 20" Ride – Tip (Left)
- 20" Ride – Tip (Right)
- 20" Ride – Bell (Left)
- 20" Ride – Bell (Right)

## **DRUM KIT - BRUSHES**

### **MICROPHONE SETUPS FOR DRUM KIT – BRUSHES**

- Stereo mixdown

### **ARTICULATIONS FOR DRUM KIT – BRUSHES**

- Kick drum
- Kick drum – Soft
- SD – Brush hit – Center (Left)
- SD – Brush hit – Center (Right)
- SD – Muted Brush hit (Left)
- SD – Muted Brush hit (Right)
- SD – Long Swish-to-hit
- SD – Medium Swish-to-hit
- SD – Short Swish-to-hit
- SD – Long Swish (Hard attack)
- SD – Long Swish (Accent in middle)
- SD – Slow Swish  
(Accent at beginning & end)
- SD – Medium Swish
- SD – Medium Swish (Accent at end)
- SD – Medium Swish  
(Accent at beginning & end)

- SD – Swish (multiple soft Accents)
  - SD – Short Swish (Accent at beginning)
  - SD – Short Swish (Accent at end)
  - SD – Swish – Looped  
(Accent at beginning)
  - SD – Brush scrape (out-take)
  - Hi Rack Tom – Center (Left)
  - Hi Rack Tom – Center (Right)
  - Hi Rack Tom – Muted
  - Low Rack Tom – Center (Left)
  - Low Rack Tom – Center (Right)
  - Low Rack Tom – Muted
  - Floor Tom – Center (Left)
  - Floor Tom – Center (Right)
  - Floor Tom – Muted
  - HH – Closed (Left)
  - HH – Closed (Right)
  - HH – Half open (Left)
  - HH – Half open (Right)
  - HH – Open (Left)
  - HH – Open (Right)
  - HH – Stomp
  - HH – Stomp (from open)
  - HH – Stomp (from open) – Slow
  - HH – Stomp (from open) + Closed hit
  - HH – Splash
  - HH – Bark
  - Splash – Left
  - Splash – Right
  - Splash – Chock
  - 16” Crash – Brush hit (Left)
  - 16” Crash – Brush hit(Right)
  - 16” Crash – Scrape – Fast
  - 16” Crash – Scrape – Slow
  - 16” Crash – Chock (hit)
  - 16” Crash – Chocking (from open)
  - Crash-Ride – Brush hit
  - Crash-Ride – Brush Scrape – Slow
  - Crash-Ride – Chock (sticks)
  - Crash-Ride – Chocking (from open)
  - 20” Ride – Brush hit (Left)
  - 20” Ride – Brush hit (Right)
  - 20” Ride – Brush Scrape – Slow
  - 20” Ride – Brush Scrape – Fast
  - 20” Ride – Choking (from open)
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## UPRIGHT BASS

### MICROPHONE SETUPS FOR UPRIGHT BASS

- Mic 1 – Close mic (Neck)
- Mic 2 – Pick-up
- Mic 3 – Close mic (Body)
- Mic 4 – Loose mic

### ARTICULATIONS FOR UPRIGHT BASS

- Sustain + No vibrato
  - Sustain + Normal vibrato
  - Sustain + Deep vibrato
  - Staccato
  - Slap / Pull
  - Bend up into note (fast minor 2nd)
  - Bend up into note (Slow major 2nd)
  - Bend down into note (minor 2nd)
  - Slow glissando up (1 Octave)
  - Slow glissando down (1 Octave)
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## BANJO

### MICROPHONE SETUPS FOR BANJO

- Stereo setup 1
- Stereo setup 2

### ARTICULATIONS FOR SOPRANO BANJO

- Sustain up stroke
  - Sustain down stroke
  - Staccato up stroke
  - Staccato down stroke
  - Half muted down stroke
  - Half muted up stroke
  - Fully muted down stroke
  - Fully muted up stroke
  - Grace note upwards down stroke
  - Grace note upwards up stroke
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## **UKULELE**

### **MICROPHONE SETUPS FOR UKULELE**

- Stereo setup 1
- Stereo setup 2

### **ARTICULATIONS FOR SOPRANO UKULELE**

- Sustain up stroke
  - Sustain down stroke
  - Half muted down stroke
  - Half muted up stroke
  - Grace note
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## **XYLOPHONE - RUBBER MALLETS**

### **MICROPHONE SETUPS FOR XYLOPHONE – RUBBER MALLETS**

- Stereo setup 1 – Close – Top
- Stereo setup 2 – Close – Bottom
- Stereo setup 3 – Far – Room

### **ARTICULATIONS FOR XYLOPHONE – RUBBER MALLETS**

- Open (left)
  - Open (right)
  - Tremolo (scripted)
  - Add scrape release samples (for glissandos)
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## **XYLOPHONE - PLASTIC MALLETS**

### **MICROPHONE SETUPS FOR XYLOPHONE – PLASTIC MALLETS**

- Stereo setup 1 – Close – Top
- Stereo setup 2 – Close – Bottom
- Stereo setup 3 – Far – Room

### **ARTICULATIONS FOR XYLOPHONE – PLASTIC MALLETS**

- Open (left)
- Open (right)
- Muted (left)
- Muted (right)
- Tremolo (scripted)
- Add scrape release samples (for glissandos)

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## **BONGOS - HANDS**

### **MICROPHONE SETUPS FOR BONGOS – HANDS**

- Stereo setup 1 – Close mics
- Stereo setup 2 – Loose mics
- Stereo setup 3 – Room mics

### **ARTICULATIONS FOR BONGOS – HANDS**

- High-Bongo – Slap (Left)
- High-Bongo – Slap (Right)
- High-Bongo – Accent (Left)
- High-Bongo – Accent (Right)
- High-Bongo – Muffled (Left)
- High-Bongo – Muffled (Right)
- High-Bongo – Wipe (1st direction)
- High-Bongo – Wipe (2nd direction)
- High-Bongo – Scrapes (Left)
- High-Bongo – Scrapes (Right)
- High-Bongo – Finger 2 (Left)
- High-Bongo – Finger 2 (Right)
- High-Bongo – Finger 3 (Left)
- High-Bongo – Finger 3 (Right)
- High-Bongo – Finger 4 (Left)
- High-Bongo – Finger 4 (Right)
- High-Bongo – Finger 5 (Left)
- High-Bongo – Finger 5 (Right)
- High-Bongo – Flam – Fingers
- High-Bongo – Finger Run (Left)
- High-Bongo – Finger Run (Right)
- High-Bongo – Long Roll + Diminuendo
- High-Bongo – Sfz + Roll + Diminuendo
- High-Bongo – Roll (Looped)
- High-Bongo – Wipe-Tremolo (Short)
- High-Bongo – Wipe-Tremolo (Looped)
- Low-Bongo – Slap (Left)
- Low-Bongo – Slap (Right)
- Low-Bongo – Open Tone (Left)
- Low-Bongo – Open Tone (Right)
- Low-Bongo – Open Tone – Fingers (Left)
- Low-Bongo – Open Tone – Fingers (Right)
- Low-Bongo – Muffled (Left)
- Low-Bongo – Muffled (Right)
- Low-Bongo – Muffled Tone (Left)
- Low-Bongo – Muffled Tone (Right)



- Low-Bongo – Wipe (1st direction)
  - Low-Bongo – Wipe (2nd direction)
  - Low-Bongo – Finger 2 (Left)
  - Low-Bongo – Finger 2 (Right)
  - Low-Bongo – Finger 3 (Left)
  - Low-Bongo – Finger 3 (Right)
  - Low-Bongo – Finger 4 (Left)
  - Low-Bongo – Finger 4 (Right)
  - Low-Bongo – Finger 5 (Left)
  - Low-Bongo – Finger 5 (Right)
  - Low-Bongo – Flam – Fingers
  - Low-Bongo – Finger Run (Left)
  - Low-Bongo – Finger Run (Right)
  - Low-Bongo – Roll + Diminuendo
  - Low-Bongo – Roll (Looped)
  - Low-Bongo – Wipe-Tremolo (Looped)
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## **CONGAS - HANDS**

### **MICROPHONE SETUPS FOR CONGAS – HANDS**

- Stereo setup 1 – Close mics
- Stereo setup 2 – Loose mics
- Stereo setup 3 – Room mics

### **ARTICULATIONS FOR CONGAS – HANDS**

- Low Conga – Palm stroke – Fingers – Center (L/R)
- Low Conga – Palm stroke – Fingers – Edge (L/R)
- Low Conga – Muffled tone (L/R)
- Low Conga – Open tone (L/R)
- Low Conga – Finger on edge – Muffled (L/R)
- Low Conga – Base tone – Fist
- Low Conga – Base tone on ground
- Low Conga – Base tone off ground
- Low Conga – Closed slap – High
- Low Conga – individual fingers of both hands (for each finger)
- Low Conga – Double finger-run
  
- High Conga - Base tone on ground (L/R)
- High Conga - Base tone off ground (L/R)
- High Conga - Base tone – Fist
- High Conga – Muffled tone (L/R)
- High Conga – Open tone (R)
- High Conga – Palm Stroke – Fingers – Edge (L/R)
- High Conga – Closed Slap (L/R)
- High Conga – Open Slap (L/R)

- High Conga – High Elbow press
  - High Conga – Elbow press – Gliss-down (slow)
  - High Conga – Middle Elbow press
  - High Conga – Gliss FX
  - High Conga – Flam with open Slaps
  - High Conga – One finger on edge – Open (L/R)
  - High Conga – individual fingers of both hands (for each finger)
  - High Conga – Finger-run
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## **CONGAS – STICKS**

### MICROPHONE SETUPS FOR CONGAS – STICKS

- Stereo setup 1 – Close mics
- Stereo setup 2 – Loose mics
- Stereo setup 3 – Room mics

### ARTICULATIONS FOR CONGAS - STICKS

- Low Conga – Stick on head – Open (L/R)
  - Low Conga – Stick on head – Muffled (L/R)
  - Low Conga – Rim Head (L/R)
  - Low Conga – Metal Rim (L/R)
  - Low Conga – Defenarío Conga (Low)
  - Low-Conga – Buzz-Roll
  - Low Conga – Stick on wooden side
  
  - Defenarío (between the drums)
  
  - High Conga – Defenarío Conga (High)
  - High Conga – Metal Rim (L/R)
  - High Conga – Rim Head (L/R)
  - High Conga – Stick on head - Muffled
  - High Conga – Stick on head – Open
  - High Conga – Buzz Roll
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## TIMBALITOS

### MICROPHONE SETUPS FOR TIMBALITOS

- Stereo setup 1 – Close mics
- Stereo setup 2 – Loose mics
- Stereo setup 3 – Room mics

### ARTICULATIONS FOR TIMBALITOS

- High Timbalito – Sticks – side
- High Timbalito – Sticks – tip – side
- High Timbalito – Sticks – Rim (L/R)
- High Timbalito – Sticks – Rim – Press-Roll
- High Timbalito – Sticks – Rim – Flam
- High Timbalito – Sticks – Roll-to-hit
- High Timbalito – Sticks – Roll (short) – Open
- High Timbalito – Sticks – Buzz-roll (medium)
- High Timbalito – Sticks – Buzz-roll (short)
- High Timbalito – Sticks – Buzz-roll (Looped)
- High Timbalito – Sticks – Roll (medium) – Open
- High Timbalito – Sticks – Roll – Open (looped)
- High Timbalito – Sticks – Rim – Double stroke (L/R)
- High Timbalito – Sticks – double stroke (L/R)
- High Timbalito – Sticks – Center (L/R)
- High Timbalito – Sticks – Muffled
- High Timbalito – Sticks – Araniko
  
- Low Timbalito – Sticks – Center (L/R)
- Low Timbalito – Sticks – Center – Flam
- Low Timbalito – Sticks – Center – Muffled
- Low Timbalito – Sticks – Rim - Flam
- Low Timbalito – Sticks – Rim
- Low Timbalito – Sticks – Rim – Muffled
- Low Timbalito – Sticks – Roll (long)
- Low Timbalito – Sticks – Roll (short)
- Low Timbalito – Sticks – Rim – Roll (short)
- Low Timbalito – Sticks – Roll-to-hit
- Low Timbalito – Sticks – Rim – Press-Roll
- Low Timbalito – Sticks – side
- Low Timbalito – Hands - Muffled
- Low Timbalito – Hands – Center – Fingers

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## PERCUSSION TOYS 1

### MICROPHONE SETUPS FOR PERCUSSION TOYS 1

- Stereo setup 1 – Close mics
- Stereo setup 2 – Loose mics
- Stereo setup 3 – Room mics

### ARTICULATIONS FOR PERCUSSION TOYS 1

- Woodblock – Low (Rubber mullet)
- Woodblock – Low (Rubber mullet) - inside
- Woodblock – Low (Wood stick)
- Woodblock – Low (Wood stick) - inside
- Clave
- Woodblock – High (Rubber mullet)
- Woodblock – High (Wood stick)
- African Clave
- Triangle #1 - Muted
- Triangle #1 – Muting (from open)
- Triangle #1 - Open
- Triangle #1 - Staccato
- Triangle #1 - Staccatissimo
- Cha-Cha Bell (Edge)
- Cha-Cha Bell (Edge) - Muffled
- Cha-Cha Bell (Center)
- Mambo Bell (Edge)
- Mambo Bell (Edge) - Muffled
- Mambo Bell (Center)
- Mambo Bell (inside)
- Mambo Bell (side)
- Cow Bell - Low
- Cow Bell – Low - Muted
- Cow Bell – Mid
- Cow Bell – Mid - Muted
- Cow Bell - High
- Cow Bell – High - Muted
- Vibraslap – Waving
- Vibraslap – Normal
- Vibraslap – Stopping (from sustain)
- Cricket – Ring

- Cricket – Charge
- Cricket – Ring-charge
- Agogo – Low (Edge)
- Agogo – Low (Center)
- Agogo – Mid (Edge)
- Agogo – Mid (Center)
- Agogo – High (Edge)
- Agogo – High (Center)
- Agogo – Mid - Roll (on the inside)
- Castanet – Single-hit (L/R)
- Castanet - Flams
- Castanet – Roll (short)
- Castanet – Roll (long & looped)
- Castanet – Roll-to-hit
- Triangle #2 – Muted
- Triangle #2 – Open
- Triangle #2 – Staccato
- Triangle #2 – Muting (from open)
- Triangle #2 – Tremolo (short)
- Triangle #2 – Tremolo (long)
- Triangle #2 – Muted (Accent)

## **PERCUSSION TOYS 2**

### MICROPHONE SETUPS FOR PERCUSSION TOYS 2

- Stereo setup 1 – Close mics
- Stereo setup 2 – Loose mics
- Stereo setup 3 – Room mics

### ARTICULATIONS FOR PERCUSSION TOYS 2

- Tambourine 1 – Side hit (Fast attack)
- Tambourine 1 – Movement (Left)
- Tambourine 1 – Movement (Right)
- Tambourine Shaker – Tremolo (Medium)
- Tambourine Shaker – Tremolo (short)
- Tambourine Shaker – Up-Down
- Tambourine Shaker – Up-Down (Short)
- Tambourine Shaker – Hit
- Tambourine Shaker – Down-up (Slow)

- Tambourine Shaker – Short Movement
- Tambourine Shaker – Movement with hit (Long)
- Tambourine Shaker - Movement with hit
- Tambourine Shaker – Movement with hit (Soft)
- Tambourine Shaker – Single movement (Accented)
- Tambourine Shaker – Single movement + 1 accent (Soft attack)
- Cabasa – Sand slide
- Cabasa – Tremolo (Looped)
- Cabasa – Strike (side)
- Cabasa – Shake forward (Fast attack)
- Cabasa – Shake forward
- Cabasa – Shake backward (Fast attack)
- Cabasa – Shake backward
- Cabasa – Sand slide (+ Accents at beginning and end)
- Cabasa – Movement (medium-long)
- Cabasa – Movement (medium)
- Cabasa – Sand slide (multiple accents)
- Cabasa – Movement – side (short)
- Cabasa (out-takes)
- Chakere – Tilt-Down (soft)
- Chakere – Tilt-Up
- Chakere – Tilt-Up (soft)
- Chakere – Tilt-Down (soft) Fast attack
- Chakere – Tilt-Down
- Chakere – Tilt-Down & Up
- Chakere – Strike+After-FX (Soft Attack)
- Chakere – Strike+After-FX
- Chakere – Shake (long)
- Chakere – Shake (short)
- Chakere – Strike
- Chakere – Shake Up&Down (Fast attack)
- Chakere – Base tone (Fingers)
- Chakere – Hit-on-hand
- Chakere – Base tone (Palm)
- Chakere – Shake – Down (Fast attack)
- Chakere – Shake – Up (Fast attack)
- Chakere – Tilt-Up & Down
- Chakere – Up-Down
- Chakere (out-takes)
- Maracas – Tremolo (medium)
- Maracas – Double Tremolo
- Maracas – Tremolo (medium) + Crescendo
- Maracas – Backward
- Maracas – Tremolo (Long)
- Maracas – Forward
- Maracas – Up-Down (L)

- Maracas – Up-Down (R)
- Maracas – Tremolo (medium)
- Maracas – Tremolo (medium-short)
- Maracas (out-takes)
- Tambourine 2 – Side hit
- Tambourine 2– Roll-to-hit (Fast Attack)
- Tambourine 2 – Roll-to-hit
- Tambourine 2 – Roll (Short)
- Tambourine 2 – Roll (Medium)
- Tambourine 2 – Roll - Slow (Short)
- Tambourine 2 – Roll (Long)
- Tambourine 2 – Roll - Slow (Medium)
- Tambourine 2 – Movement – Up-Down
- Tambourine 2 – Lap (L)
- Tambourine 2 – Lap (L) – Fast Attack
- Tambourine 2 – Lap (R)
- Tambourine 2 – Hit-on-hand
- Tambourine 2 – Cymbal hit
- Jingle Bells – Hit
- Jingle Bells – Single Movement
- Jingle Bells – Single Movement (Short)
- Jingle Bells – Tremolo (Medium)
- Jingle Bells – Tremolo (Short)
- Jingle Bells – Hit (Fast Attack)
- Jingle Bells – Tremolo (Looped)
- Wind Chimes – Medium-Long Segment
- Wind Chimes – Medium-Long Segment (Soft)
- Wind Chimes – Medium Segment
- Wind Chimes – Medium-short Segment
- Wind Chimes – Gliss Down
- Wind Chimes – Gliss Down (Medium)
- Wind Chimes – Gliss Down (Medium-short)
- Wind Chimes – Gliss Up

### **PERCUSSION TOYS 3**

#### MICROPHONE SETUPS FOR PERCUSSION TOYS 3

- Stereo setup 1 – Close mics
- Stereo setup 2 – Loose mics
- Stereo setup 3 – Room mics

### ARTICULATIONS FOR PERCUSSION TOYS 3

- Ratchet – sustain (Long & Looped) v1
  - Ratchet – sustain (Long & Looped) v2
  - Ratchet – sustain (Long & Looped) v3
  - Ratchet – sustain (Long & Looped) v4
  - Ratchet – sustain (Long)
  - Ratchet – Slow & Jerky (Medium-Long)
  - Ratchet – Slow sustain (Medium-Long)
  - Ratchet – Jerky beginning (Medium-Long)
  - Ratchet – Slow sustain (Medium) v1
  - Ratchet – Slow sustain (Medium) v2
  - Ratchet – Sustain (Medium) v1
  - Ratchet – Sustain (Medium) v2
  - Ratchet – Fast sustain (Medium) v1
  - Ratchet – Fast sustain (Medium) v2
  - Ratchet – Very fast sustain (Medium)
  - Ratchet – Fast sustain (Medium-Short) v1
  - Ratchet – Fast sustain (Medium-Short) v2
  - Ratchet – Sustain (Medium-Short)
  - Ratchet – Slow Sustain (medium-Short)
  - Ratchet – Slow Sustain (Short)
  - Ratchet – sustain (Short) v1
  - Ratchet – sustain (Short) v2
  - Ratchet – sustain (Short) v3
  - Ratchet – sustain (Short) v4
  - Ratchet – sustain (Short) v5
  - Ratchet – Very Short (Staccato) v1
  - Ratchet – Very Short (Staccato) v2
  - Ratchet – Very Short (Staccato) v3
  - Ratchet – Very Short (Staccato) v4
  - Ratchet – (out-take)
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- Slide Whistle – Slide only (v1)
  - Slide Whistle – Slide only (v2)
  - Slide Whistle – Gliss-Down – Slow
  - Slide Whistle – Gliss-Down – Slow (High)
  - Slide Whistle – Gliss-Down – Very Slow
  - Slide Whistle – Gliss-Down – Fast
  - Slide Whistle – Gliss-Down – Very Fast
  - Slide Whistle – Gliss-Down & Up – Very Slow
  - Slide Whistle – Gliss-Up & Down – Very Slow
  - Slide Whistle – Gliss-Up & Down – Fast
  - Slide Whistle – Gliss-Down – Very Fast (Soft)
  - Slide Whistle – Gliss-Up & Down – Slow



- Slide Whistle – Gliss-Up & Down – Medium
- Slide Whistle – Gliss-Up & Down – Fast
- Slide Whistle – Partial Gliss-Up (Low-Range)
- Slide Whistle – Partial Gliss-Up (Mid-Low-Range)
- Slide Whistle – Partial Gliss-Up (mid-Range)
- Slide Whistle – Partial Gliss-Up (Mid-High-Range)
- Slide Whistle – Partial Gliss-Up (High-Range)
- Slide Whistle – Partial Gliss-Up
- Slide Whistle – Gliss-Up (medium)
- Slide Whistle – Gliss-Up – Fast (Full-range) v1
- Slide Whistle – Gliss-Up – Fast (Full-range) v2
- Slide Whistle – Gliss-Up – Very Slow (Full-range)
- Slide Whistle – Gliss-Up – Very Slow (Fading)
- Slide Whistle – Gliss-Up – Slow (Fading)
- Slide Whistle – Gliss-Up – Wavy
- Slide Whistle – Gliss-Up + Flutter-tongue