

General Recording Map:

Project Number: 01

Artist: Sam A.

Producer: Kyle M.

Engineer: 99425

Assistant Engineer: Webster T.

Song Title: Toothbrush

Start Time: 0:02

General Notes:

Drums – Kyle M.

Percussion – Kyle M.

Bass Guitar – Zach W

Electric Guitar – Reid J.

Acoustic Guitar – Reid J.

Tracking Sheet

Artist: Sam A.

Song Title: Toothbrush

Engineer: 99425

Assistant Engineers: Webster T.

Original Tracking Format: Digital/Pro Tools

Digital Audio Workstation (DAW) Information:

Daw Program: Avid Pro Tools 10

Host Computer: Mac

Daw Software Version: 10

SMPTE Rate: N/A

Sample Rate: 88.2 kHz

Bit Depth: 32 Bit

Sync Source: Sync I/O

Host Computer Operating System: OS X 10.9

Saved File Format: .ptx

A/D Conversion: Avid HD I/O

Hard Disk: Glyph

General Tracking Notes:

See Tracking Equipment Sheet.

Tracking Equipment Sheet

Instrument	Instrument Notes	Mic	Aux Equipment	Notes
Kick In	Gretsch USA Custom	Shure Beta 52	1176	Mic was placed 2/3 of the way into the kick port pointed away from kick beater 20° off-axis to the right. ~3-5 dB of compression with 1176.
Kick Sub		Yamaha Subkick		Sub kick was placed adjacent to the kick port 2 inches away from kick head on-axis.
Snare Top	Ludwig Black Beauty Snare	Sennheiser 421	1176	Angled 35° down and off-axis from horizontal with the capsule 2 inches above the snare head
Snare Bottom		AKG 451 EB		Directly underneath snare with capsule on-axis and 5 inches away.
Hi Hat	Gretsch USA Custom	AKG 451 EB		All tom mics were placed 2 inches above tom drum heads right along the rim and angled in towards the center of the tom by 30°
Tom 1		AKG 414 EB		
Tom 2		AKG 414 EB		
Tom 3		AKG D12		
Overhead Left		Neumann U87	DBX 166 left channel	
Overhead Right		Neumann U87	DBX 166 right channel	Overhead mics were used in an ORTF configuration 4 feet above the uppermost cymbals and angled so that the snare and kick drum were directly lined up with the center, on-axis of the ORTF pattern.
Shaker		Studer SKM5		
Tambourine		Studer SKM5		
Bass DI	Fender Precision Bass	Countryman DI	LA2A	LA2A was used to compress the DI bass guitar signal with 3-5 dB of gain reduction.
Electric Guitar	Guitars: Gretsch G1520, G&L Legacy	Royer 121		Summed to 1 channel to disk. Both mics' capsules were touching so as to minimize phase anomalies. This mic group was then placed 6 inches away from amp head and angled towards the middle of the amp by 40°.
	Amp: Sandora's Box	Shure SM57		
Acoustic Guitar	Taylor 110GB	Royer 121		Summed to 1 channel to disk. Using the same techniques as the electric guitar micing, both acoustic mics were used as a group and placed 6 inches away from acoustic and 4 inches to the left of the sound hole angled in towards the sound hole by 25°.
		Neumann KM86		

Overdubs Sheet:

Artist: Sam A.

Song Title: Toothbrush

Overdub: 1

Engineer: 99425

Assistant Engineers: Webster T.

Digital Audio Workstation (DAW) Information:

DAW Program: Avid Pro Tools

Host Computer: Mac

DAW Software Version: 10

Sample Rate: 88.2 kHz

Bit Depth: 32 Bit

Sync Source: Internal

Host Computer Operating System: OS X 10.9

Saved File Format: .ptx

A/D Conversion: Apogee Ensemble

Hard Disk: Glyph

General Overdub Notes:

See Overdub Equipment Sheet.

String Quartet:

Violin: Emily K.

Violin: Cassie S.

Viola: Rose R.

Cello: Kevin S.

Lead Vocal: Sam A.

Duet Vocal: Sam P.

Overdub Equipment Sheet

Instrument	Instrument Notes	Mic	Aux Equipment	Notes
Banjo	Epiphone	Neumann KM86	LA3A	
Electric	Guitars: Gretsch G1520, G&L Legacy	Royer 121		Same mic technique as earlier described in tracking session description
	Amp: Sandora's Box	Shure SM57		
String Section	1st Violin, 2nd Violin, Viola, Cello	Audio Technica 4050		ORTF Configuration, Strings were arranged in a semi-circle. ORTF's on-axis was pointed directly at the center of the semi-circle from 5 feet away
Lead Vocal	Sam A.	Mojave MA-200		5 inches away from vocalist with pop filter
Background Vocal	Sam P.	Audio Technica 4050		5 inches away from vocalist with pop filter

Mixing Sheet:

Artist: Sam A.

Song Title: Toothbrush

Engineer: 99425

Studio: Home studio

Monitoring: KRK Rokit 6's, Yamaha HS10 Sub. (Stereo 2.1)

D/A Conversion: Focusrite Liquid Sapphire 56

Digital Audio Workstation (DAW) Information:

DAW Program: Avid Pro Tools

Host Computer: Mac

DAW Software Version: 10

Sample Rate: 88.2 kHz

Bit Depth: 32 Bit

Sync Source: Internal

Host Computer Operating System: OS X 10.9

Saved File Format: .ptx

A/D Conversion: Focusrite Liquid Sapphire 56

Hard Disk: Glyph

General Mix Notes:

Plug-Ins:

- Waves
- PSP
- Soundtoys
- Sonnox
- Melodyne
- iZotope RX3
- Native Instruments

Example Vocal Processing



Example String Processing



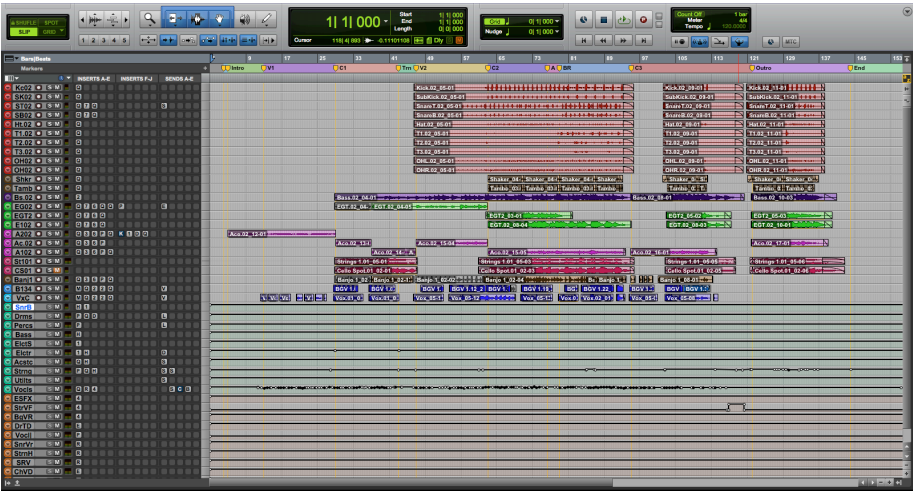
Example Banjo Processing



Example Snare Processing



Mix Session Overview



Media Label Info

Artist: Sam A.

Project #: 01

Media: 1 of 1

Project/Song: Toothbrush - AES Mix

Producer: Kyle M.

Assistant Engineer: Webster T.

Bit Depth: 24 Bit

Sample Rate: 44.1 kHz

File Format: WAV

Media Type: Redbook

Sync Reference: Master

Master

DAW Platform: Mac

Format: HFS+

Software: Pro Tools 10

Backup software: Gobbler

Songs/Files: Toothbrush