

breakglass studios equipment list

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Much of the gear at Breakglass can float between Studio A and Studio B. If there is a piece of equipment you see on the list that you would like to have available for your recording please let us know!

Studio A:

Recording Rooms

Live room = 1200 sq.ft

Dead Room = Approx. 18' x 18'

Booth = 20' x 7'

Echo chamber = 20' x 6'

Full kitchen

Console/Mixer

Neve Pre 80 Series 58 input console

Vintage Custom Neve serial #2008 console circa 1968 (pre 80 series Neve). Refurbished by Hutch at Manley in 1994 (recapped, rewired, functionally upgraded). The first 16 buss Neve console ever produced. Originally hand-built by Rupert Neve himself in England. All internal summing uses original Neve summing amps and bussing protocols. Preamps use original Gardner input transformers. Line inputs are original Marinair. (Portions of Led Zeppelins' Physical Graffiti were recorded on this console among MANY others).

Features:

24 channels 1061 Germanium preamp/eq 10 channels Manley 40db tube preamp with Manley extended Pultec EQ. 24 monitor returns using late 70 s era BBC console Neve line inputs. 6 sends + 6 cue sends. Can be split or joined. 4 echo returns. 12 x 8 on-board summing mixer. 8 x 2 on-board summing mixer. 34 channels Flying Faders (on all Manley and Neve channels).

Neve1061 Germanium Preamp/eq utilizes the same amplifiers found in all the germanium Neve's (incl. 1055, 1057, 1058, 1060, etc.) but with a more comprehensive set of EQ points than the earlier modules. Similar to the 1066 eq points.

Microphone Preamp

Daking Mic Pres w/ eq (2)

Manley tube preamp with Manley extended Pultec EQs. (10)

Neve 1061 Mic Pres (24)

No Toasters Nice Pair (great 2 channel FET mic pre)

Recorders

Studer A80 MarkII 2" 16 track

Studer A827 2" 24 track

Radar V Nyquist 24-track Digital Recorder (digital only, includes the session controller)

Pro Tools 10 - HD Native with 24 channels of i/o IZ Technology ADA Converters

Ampex ATR -102 2-track with either 1/4" or 1/2" headstacks

Studer A-710 cassette deck

Speakers

Focal Twin 6 Be

Yamaha NS-10Ms

Purple Audio CANS - headphone output

Compression

Daking FET II compressors (2)

DBX 160XT

Distressor EL-8 (2)

FMR Audio RNC Compressor

Neve 2252 comperssor (2) - original 2254 with germanium gain blocks. Recapped at Manley. (Huge sounding diode bridge type compression).

Neve 2253 limiter (2) - on console, germanium based.limiter

Purple Audio MC77 (2)

Retro (Gates) STA-Level tube comperssor

Retro 176 tube comeprsor (2)

Thermionic Culture-The Phoenix stereo tube comperssor (can be dual mono or stereo)

Valley People 610

EQ (Outboard)

API 550b 4-Band EQ (4)

API 560 Ten-Band Graphic EQ (2)

White Instruments 4000 Series EQs (2)

Retro 2a3 - stereo pultec-ish

Daking Eq - 2 channels on the preamp, A-Range-ish.

Effects/Processors

Demeter Real Reverb (Springs!)

Eventide Harmonizer H3000

Korg Stage Echo

Lexicon PCM-60

Lexicon Prime Time Digital Delay

Roland 200-Space Echo

Univox spring reverb with EQ

Univox EC-80 tape echo

Boss RE-20 Space Echo

AKG BX-20 Spring Reverb

Radial Engineering EFX20 - pedal interface (1)

Direct Injection

Avalon U5 Class A DI

Radial Jenson JDI (2)

Reamp Box Radial SGI Guitar Interface

Miscellaneous:

Radial - SGI long run signal booster (2)

Studio B:

Recording Rooms:

Booth = 8' x 7'

Dead Room = Approx. 18' x 18'

Live Room = 1200 sq.ft.

Console/Mixer

SSL 9080J 80 channel console: Recently reconditioned in 2011

Recorders

ProTools 10 - HD Native with 48 channels of i/o IZ Technology ADA Converters

Ampex ATR102 w/ 1/4" or 1/2" headstacks available.

Studer A827 2" 24 track available

Speakers

Yamaha NS-10Ms w/ Adcom GFA555

Geithain RL901k

Compression

Pendulum ES8 - Vari-mu.

Distressor EL-8x (2)

Neve 2254 comperssor (2) - original 2254

Chandler Germanium Compressor pair

Chandler/EMI Zener Limiter - stereo limiter

Purple Audio MC77 (2)

Thermionic Culture- Phoenix stereo tube comperssor (can be dual mono or stereo) - Mastering version w/ sidechain

DW Fearn VT-7- vari-mu

EQ (Outboard)

Chandler Curvebender stereo EQ

Retro 2a3 stereo Pultec eq (4 channels)

Pultec - original (1)

Effects/Processors

Bricasti M7M Reverb System 2 w/ M10 Remote

Sony DRE777 Reverb

SPL De-Esser

Common / Floating:

Microphones

AEA R-84 Ribbon

AKG D112 (2)

AKG 460

AKG C1000S (2)

Audio Technica 4050

Audio Technica 4033

Beyer m160 pair

Coles 4038 (2) Matched pair

EV RE-20

Gefell UMT70s (2) - LDC, using M7 capsule. Matched pair

Josephson E22s (1)

Neumann M-582 - SDC tube condensers (2) - Matched pair - using the m62 - nickel diaphragm capsule. (circa 1965)

RCA 44 (circa 1937)

Sennheiser 609 (2)

Sennheiser MD 421 (1)

Sennheiser MD 441 (1)

Shure SM7

Shure SM 57 (4)

Shure SM 58 (2)

Telefunken RFT AK47 (2) - Matched Pair.

Telefunken RFT M16 (1)

Soundelux U195 (1) - LDC, tube.

Guitars, Bases and Amplifiers

Fender P Bass - new

Fender Jazzmaster - new

Gretsch Electromatic - newish hollowbody electric

Parlor Guitar - 50's, acoustic

Amplifiers

Ampeg SVT (1980) with matching 8x10 cabinet

Ampeg V-4B

Fender Champ (1978)

Hiwatt DR504 Custom 50 head (1979, Partridge transformers) and matching 4x12 cabinet (1970, loaded with four vintage Hiwatt Purple Fanes)

Valvetech Hayseed 30 (1963 Vox AC-30 clone hand-wired with EF-86 circuit (One Silver Bell and one Blue dog)

Supro Royal Reverb 2x10 combo amp (1967)

Fender Super Reverb - silver face (72)

Traynor YBA-1 Bass Mate Head (70s)

Traynor 2x15 bass cabinet

Peavey Super Festival Series 300-watt solid-state bass head.

Univox 50 watt head

Drums & Percussion

Ludwig 3 piece drum kit (1970) :
Ludwig 24" kick
Ludwig 18" floor tom
Ludwig 14" rack tom
Ludwig 14" Supraphonic
Ludwig 14" Acrolite
Sonor Force 3001 kit
Various percussion (tamborines/bells/chimes/shakers)

Drum Machines

Roland 707
Yamaha RX-17
Various Hammond organ drum machines

Keyboards & Synthesizers

Fender Rhodes Mark II 73 key
Gourley upright piano 1920s
Hammond S-6 all-tube organ made in 1959. (Amplifier section loaded with vintage Jensens).
Baldwin console organ/ MicroComputer Orchestra !!
Nord Electro 73 key
Roland Juno 60
Crumar Multiman-5
Roland SH-2000
Synthesis Technology MOTM (analog modular synthesizer designed after the original MOOG synthesizer by Paul Schreiber in Fort Worth, Texas)
Yamaha Organ (Farfisa copy)
Solina String synth/organ
Hammond B3 w/ Leslie 147
Leslie 122
Vox Acetone

Guitar Pedals

Big Muff Electroharmonic Distortion Pedal
Boss Super Feedbacker & Distortion Pedal
Boss Tremolo Pedal 2-
Boss DD3 Digital Delay Pedal
Boss DD2 Digital Delay Pedal
Boss Touch Wah Pedal
Ibanez Bi-stage Phaser Pedal
DOD Flanger Pedal
Ross Chorus Pedal
Morley Power Wah Pedal
Diamond Distortion Pedal
Ernie Ball Volume Pedal
Boss Vibrato clone Pedal
Ratt clone Pedal

Miscellaneous

Hohner melodica
Harmonicas