



TECH SPECS :: January 2020 :: FREELANCE ENGINEERS ARE WELCOME !

MIX DESK:

- **MCI JH 556c** - Analog '70 in-line desk with jensen 115k input transformers + Uptown 990 Moving Fader Automation.
- Features: 56ch - 32 buss - 12 AUX sends with EQ (10 mono + 1 stereo) - 8 Echo returns (4 with EQ).
- 4x Steps EQ: Low Shelf, High Shelf/Peak, 2x semi-parametric Mids, switchable to either the monitor or channel path.
- Variable Frequency Hi-Pass filter from 30Hz to 300Hz.
- Quad, Stereo and Mono sum mixing capabilities.

CUSTOM FEATURES – UPTOWN 990 Moving Fader Automation. This greatly improves the sound quality for a more detailed sound, extended frequency response and low noise, removing the distortion that VCA-based systems introduce.

- 6x mono AUX sends (A/F) added in place of the aux small faders 1&2. EQ and Led Meters on sends A/F.
- Custom Control Room monitoring system.
- Complete the three-way Cue Bus system.
- Custom remote microphone panel in place of bantam patch to ensure best electrical connection possible.
- The desk sounds fat and punchy.
- The metal can Op-amps (MCI 2003) are specially designed for dynamic and transparency of the console. The +/- 32V supplied to them by oversized PSU ensures the highest possible Headroom and clean sound.
- List of many great recordings on JH 500 series desk includes "Back in Black" (AC/DC), "Hotel California" (The Eagles) "Imagine" (John Lennon), "I shot the sheriff" (Eric Clapton), Crosby Stills Nash, almost all Bee Gees albums, early Elton John, "Cowboys from hell" (Pantera), Rod Stewart, Guano Apes, Rammstein and many others.

ANALOG RECORDERS:

- Ampex MM1200 2 inch 24tracks with PURC Bias cards (gapless punch in / out), Varispeed, Remote. Machine equipped with brand new RTZ Audio Digital Transport Controller / Capstan Card / Search To Cue Card / MDA Card / Remote. CCIR eq, custom erase head, Athan Pich roller + Tach Roller.
- Ampex MM1200 2 inch 16tracks, Varispeed, Midi Locator
- 3M M79 - 2 inch 24 tracks
- Ampex ATR 102 - 1/4inch - 2tracks
- Studer A810 - 1/4inch - 2tracks
- Tape Deck TEAC V-1030

DIGITAL SYSTEM:

- ProTools HDX, MacPro 5.1 based, 48 ANALOG IN & 40 ANALOG OUT, ProTools HD12 Software
- 2x AVID HD i/o 16x16 analog
- 2x Digidesign 192 I/O + 1x A/D Expansion Card + 1x D/A Expansion Card
- Avid SYNC HD
- Rosendahl Nanosyncs HD
- Motu MIDI Express XT HD
- Adams-Smith Zeta Three
- Digidesign MIDI I/O
- CD-Recorder Tascam CD-RW2000

OUTBOARD:

Preamps / DI

- 56x MCI JH500 console preamps with jensen 115k input transformers.
- 1x NEVE 1073 DPA - 2ch
- 1x DAV Broadhurst Gardens No.2 - 4ch preamp
- 1x Grace Design 801 - 8 channel clean preamp
- 1x Ampex 351 - '60 tube preamp
- 1x Ampex 351 - '60 tube preamp
- 1x Ampex MX-10 - '60 - 4 channel tube preamp/stereo mixer
- 1x Telefunken V72a - '60 tube preamp
- 1x Federal AM-864/U - 1954 Tube Limiter (Yes, it can be used as a preamp. 42dB max gain)
- 1x Universal Audio 2108 - 2ch J-Fet Mic / DI preamp. (J-Fet Input stage + 1176 output stage/transformer) Various Z-IN choices
- 1x A-Designs REDDI - Tube DI box
- 2x Radial JDI - Passive DI box
- 2x BSS AR-133 - Active DI box
- 1x John Cuniberti Re-Amp box v.2

**** = ONLY ON DEMAND - SOLO SU RICHIESTA, STRUMENTI NON DI PROPRIETA'**

Dynamics

- 1x Chandler Limited TG1 - 2ch limiter/compressor, Abbey Road Special Edition
- 1x Manley ELOP - Tube Stereo ELeCtro-OPTical Limiter
- 1x Federal AM-864/U - 1954 Tube Limiter
- 1x Purple Audio MC77 - (UREI 1176 style limiter)
- 1x ADR Compex F760X-RS - stereo comp/expander (Led Zep's "When the levee breaks" drums comp)
- 1x CBS Audimax - Broadcast mono Compressor
- 1x DBX 165 - Comp/Limiter
- 1x Tesla Audio Laboratories AT128 - Stereo Tube Limiter
- 11x Valley People Kepex II expander/gate
- 10x Valley People Gain Brain II - limiter/compressor/ducker
- 1x Valley People Dynamite - 2CH comp/limiter/expander/gate
- 1x Ashly SG35 - 4CH gate
- 2x Dbx 263A - Dynamic sibilance controller
- 2x FMR Audio RNC 1173 - Stereo compressor
- 1x FMR Audio RNLA - Stereo Levelling Amplifier
- 1x Drawmer DS201 - gate/ducker
- 24x Dolby A-type M16H
- 24x Dolby SR
- 2x Dolby 361 A-type
- 1x Telcom C4 stereo compander

Equalizers

- 1x Custom Audio Germany HDE-250A - Stereo Mastering Grade EQ
- 1x Rane PE15 - Mono EQ

FX/Other

- 1x AKG BX20 E - stereo spring reverb
- 1x Bel BD-80s - stereo digital delay/sampler
- 1x Electrical Audio MS-Matrix - built by Greg Norman @ Electrical Audio
- 1x Eventide H3000 S / D-SX upgraded - multieffect
- 1x MXR Flanger/Doubler
- 1x Lexicon 300L + LARC - reverb/multieffect
- 1x Lexicon PCM70 - reverb/delay
- 1x Roland RE 501 - Tape Delay/Chorus/Spring Reverb
- 1x Roland TMC6 - MIDI Trigger
- 2x TC electronic 1280 - stereo digital delay
- 1x Klark Teknik DN-60 - Real time spectrum analyzer

MICROPHONES:

Condenser

- 2x AKG C414 - TL II (transformerless)
- 1x AKG C414 B-ULS - TL (same electronics as TLII but with B-ULS capsule)
- 6x AKG C451E - small diaphragm (5x CK1 cardioid capsule /3x CK2 omni capsules /3x 20dB pads /2x 10dB pad /3x A51 swivel joint)
- 1x AKG C1000 - cardioid/hypercardioid
- 1x Altec 175A + 29B cardioid / 28A omni capsule + 525A PSU - TUBE
- 1x Altec 195A + 29B cardioid / 28A omni capsule + 539A PSU- FET
- 1x Audio Technica 4033a
- 1x Audio Technica Pro37R
- 1x Crown GLM100 - miniature omni electret
- 2x Earthworks QTC40MP - omni electret, flat response 4Hz-40KHz, matched pair
- 3x Josephson e22S - side address condenser, designed to meet Steve Albini's request
- 2x Neumann KM86 - cardioid / omni / fig.8
- 2x Shure KSM141 - omni/cardioid small diaphragm
- 1x Shure SM98 - small diaphragm
- 2x Wunder Audio CM7-GT + M7 capsule - tube condenser (Neumann U47, Telefunken NOS Tube)

Ribbon

- 1x AEA R88 mk2 - long ribbon Stereo (Blumlein or MS) with open and natural sound
- 3x Beyerdynamic M160 - hypercardioid
- 1x Beyerdynamic M500 - hypercardioid
- 2x Coles 4038 - matched pair
- 1x RCA 74-B junior velocity

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Dynamic

- 2x AKG D112
- 1x AKG D310
- 3x AKG D440, 1x AKG D550
- 2x Beyerdynamic M201 – hypercardioid
- 2x Beyerdynamic M420 – hypercardioid
- 2x Beyerdynamic M380 – bidirectional
- 1x Beyerdynamic M88 Classic
- 2x Beyerdynamic M101 – omni
- 4x Beyerdynamic MPC-50 - dynamic boundary omni
- 2x Beyerdynamic MPC-60/1 - dynamic boundary omni
- 2x Beyerdynamic MPC-60/3 - dynamic boundary cardioid
- 1x Beyerdynamic M300N
- 1x Elettrovoice RE20
- 1x Heil Sound PR-31 BW
- 1x Geloso M61, M68, M11/1/1
- 1x Sennheiser MD 441 - hypercardioid
- 5x Sennheiser MD421 II
- 2x Sennheiser MD21
- 1x Shure SM7B
- 1x Shure 545D - Unidyne III
- 3x Shure SM57
- 1x Shure Beta 52
- 1x Subkick speaker

Carbon Microphones

- Western Electric carbon capsule
- Various telephone carbon microphones

MONITOR:

- B&W 805s Nautilus + Classè Audio CA-201 amp
- Yamaha NS-10M
- Hear Tech Headphone Distribution System + 8x Headphone Personal Mixer 8 lines
- Headphones: AKG k240 Studio, k271 Studio, Sony MDR 7506, Beyerdynamic DT 770M / Pro.

- Cables and connectors: MOGAMI - CANARE STAR QUAD - Neutrik - ADC patchbays

SOFTWARE:

- ProTools HDX 12.7
- NI Kontakt 10 + Chocolate Audio Piano bundle libraries
- Propellerhead Reason 4.0 + various Refills
- Hofa CD & DDP Creator
- Plectools

PLUGINS:

- Antares Autotune 8.1
- ArtsAcoustic BigRock (EH Small Stone)
- Audio Ease Altiverb 7 + Speakerphone
- Audiority Echoes T7-E
- Boz Digital David Bendeth Signature Bundle + Big Clipper
- Blue Cat Patchworks + Limiter
- DMGAudio – Track Gate
- EMI - Abbey Road Brilliance Pack
- FabFilter Pro Q2 + Pro MB + Pro C2 + Saturn
- Focusrite d2/d3
- George Massenburg EQ
- Goodhertz Can Opener
- Klevgrand Gaffel + Svap
- McDSP De555 AAX DSP
- Oeksound Soothe
- Overloud Spring Age
- PSP Lexicon PSP42
- Slate Trigger 2
- Sonnox Limiter V2 AAX DSP + Dynamics AAX DSP
- Sonarworks Reference 3
- Sound Radix Surfer EQ 2 + AutoAlign
- Soundtoys Suite 5 + Little Microshift + Devil Loc + + Echoboy JR + Little Plate
- TDR Nova GE
- Valhalla Plate + Vintage Verb + Room + Shimmer + Space Modulator
- Waves BUNDLES: Gold + Api + CLA + Restoration + Tape, Tubes & Transistors + Renaissance + JJP + Reel ADT

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DRUMS:

- Drum Sound Equalized: 22x18" - 10x8" - 12x9,6" - 14x11" - 16x16"
- Rogers Holiday '60: 20x14" - 12x8" - 13x9" - 16x16"
- Ludwig Supersensitive 1966 snare 14x5
- Paiste series Twenty Hi Hat 14' - Zildjan K Ride 20' - K Dark Crash 16' - K Dark Crash 18'
- ** Ludwig '70 madreperla: 13 - 16 -22
- ** Ludwig Supraphonic '71 Snare

GUITAR AMPS:

- Fender Showman blackface 85w - 1965 head
- Fender Bassman silverface 1971 head + 2x12' cabinet
- EKO Herald I - 10w combo
- ** Bad Cat Lynx head
- ** Bogner Ecstasy head
- ** Bogner Fish head
- ** Bogner Helios head
- ** Bogner Shiva head
- ** Diezel Herbert head
- ** Diezel VH4 head
- ** Egnater Mod. 50 with ALL modules + Sinergy modules
- ** EVH5150 III head
- ** Fender Bassman silverface 1971 head
- ** Fender Band Master blackface 1965 head
- ** Fender Twin Reverb blackface combo with Jensen speakers
- ** Fender Super Reverb blackface combo
- ** Fender Pro Reverb silver face combo
- ** Friedman BE100 head
- ** Fryette SIGX head
- ** Fuchs Overdrive Supreme head
- ** Hiwatt Custom 100 100W '72 head
- ** Laney Super Group head
- ** Marshall JCM800 100W - Single channel - 1982
- ** Marshall JCM800 100W 4 inputs - 1980
- ** Marshall JCM900 head
- ** Marshall JMP Master Volume 100W - 1977
- ** Marshall JMP Super Lead 100W - 1972
- ** Marshall JMP Super Bass 100W - 1971
- ** Mesa Dual Rectifier 1st series
- ** Mesa Mark III
- ** Mojave Dirty Boy
- ** Mojave Peacemaker
- ** Soldano SLO100
- ** Soldano X88R Preamp
- ** Splawn Quickrod
- ** Steavens Poundcake MKI
- ** VHT Pitbull 100
- ** Wizard MC2 head

CABINETS:

- Marshall 4x12 1960AX Greenback
- Marshall 4x12 1960AV Vintage 30
- Magnitude Labs "Dirty Hill 1512" - 1x Celestion Creamback Neo 12" + 1x Electrovoice Evm15L 15"
- Fender Dual Showman 2x15', JBL
- Custom 1x12 open back, Greenback
- ** Fender Bassman 2x12' closed
- ** Custom 2x12 open back, Jensen Alnico
- ** Custom 4x10 open back, Jensen Alnico
- ** Marshall 1960 JCM800 straight
- ** Mesa 2x12'
- ** Mesa 4x12'

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ELECTRIC GUITARS:

- Fender Stratocaster Squier JV '82
- Fender Stratocaster Eric Clapton - active lace sensors pickups
- Fender Bullet
- ** Ernie Ball Van Halen
- ** Esp GL56
- ** Fender Telecaster 1968
- ** Fender Stratocaster 1970
- ** Fender Stratocaster 1972
- ** G&L F100
- ** Gibson Les Paul double cut P90
- ** Gibson Les Paul 57 R P90
- ** Gibson Les Paul 59 R
- ** Gibson ES335 1967 sunburst
- ** Gibson 330 vintage sunburst
- ** Gibson L5 1970
- ** Gibson 175 natural 1952
- ** Gibson Explorer
- ** Gibson Flying V Hendrix mod
- ** Guild Brian May
- ** Nik Huber Orca
- ** PRS Mcarty
- ** PRS Custom 22 Artist Pack
- ** PRS Custom 22 Rosewood neck
- ** Schecter strato '80
- ** Tyler strat with Kloppmann p.u.
- ** Tom Anderson 1990
- ** Washburn N4 relic Custom Shop (Nuno Bettencourt)
- ** Washburn N4 padouk (Nuno Bettencourt)

ACOUSTIC GUITARS:

- Gibson J-45 "round shoulders"
- EKO Ranger 12 strings '70
- ** Martin D-28 1972
- ** Larrivee C19 1988
- ** Guild Jumbo 12 strings

BASS:

- Rickenbacker 4001 - '70 vintage
- Ibanez 4 strings
- ** Fender Precision vintage
- ** Fender Jazz vintage
- ** Music Man Sting Ray 4 strings with D-tuner

BASS AMPS/CABINETS:

- Ampeg SVT2 (non pro) Tube Head + 8x10' cabinet
- Ampeg B-15s - 60W vintage Head with 1x15 cabinet
- Fender Bassman silverface 1971 head + 2x12' cabinet
- ** Trace Elliot AH100 G12 Head

PIANO - KEYBOARDS:

- Fender Rhodes 73 MK II
- ** Hammond L100P + Leslie mod. 760
- Nord Lead synth
- ** YAMAHA C7X - Concert grand piano
- ** Mellotron M400
- ** Fender Rhodes 88 MKII
- ** Wurlitzer
- ** Farfisa Compact (Richard Wright Pink Floyd)
- ** Yamaha-sk15 -1982 - ORGAN/STRING
- ** Crumar t1/c - organo polifunzionale modificato, emulazione fedelissima hammond c/3
- ** Godwin 849 - 1982 - polyphonic string/organ/synthesizer
- ** Crumar ds-1 - digital/analog synthesizer early 80's
- ** Farfisa sintorchestra 4 - monophonic/polyphonic synthesizer (tipo solina strings)
- Midistart 2 - Tastiera muta 4 ottave

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PEDALS - ACCESSORIES:

- Various SOTTO IL MARE Prototypes (Germanium Fuzz, Distortion, Ge Booster)
- Moollon – Bassdrive
- BOSS - FZ-2 Hyper Fuzz
- BOSS - DS-1 MIJ 1978 1st release
- BOSS - CH1 Super Chorus
- BOSS - GE-7 Graphic eq
- DOD - FX32 Meat Box
- MXR Super Badass – Distortion
- Lehle Dual SgoS – ABY pedal
- Ibanez TS9 Tube Screamer
- Chandler Tube Driver - Vintage Tube Overdrive
- Fulltone Full Drive - Replica
- Custom Audio Fuzz - Replica
- Keeley Katana Booster - Replica
- E.H. Deluxe Memory Man – Analog Delay
- E.H. Sovtek Big Muff – Fuzz
- E.H. Small Stone '78 - Vintage Phaser
- Electro Harmonix The Worm - Vintage Auto Tremolo/Vibrato/Phaser/Wah
- 2x Crybaby Wah
- Boss TR-2 Tremolo
- MORLEY PWF Fuzz Wah
- Ernie Ball Volume Pedal
- Boss EV-5 Volume Pedal
- TC Electronic G-major
- Behringer FCB 1010 Midi foot controller
- ** MXR: Chorus '70 - Flanger '70 - Analog Delay '70 - Phase45 '70 - Phase90 - Phase 100
- ** MXR: Dynacomp - Distortion+
- ** Fulltone Deja-Vibe
- ** Barber LTD
- ** Barber SS Overdrive
- ** Maxon 808
- ** Option5 Rotation Single (Leslie Simulator)
- ** RC Booster Orange
- ** RC Booster White
- ** Z-VEX Fuzz Factory - Replica
- ** T-Rex Tremolo
- ** Radial Tonebone Hot British
- ** IBANEZ: Phaser '80 - Flanger '80 - Chorus '80
- ** BOSS: DS1 - SD1 - Flanger
- ** EH Clone Theory '70
- ** EH Small Clone '70
- ** Dunlop Univibe

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