

Fleece Jazz Equipment List

6 January 2024



Please note that (almost) all connections are via a half normalised patch field.

House configuration at Stoke by Nayland Club

The house is always in arena form – audience on three sides

Allen & Heath MixWizard 3 16:2 desk

- 16 xlr/mic or jack line input channels:
 - One snake carrying
 - xlr channels 1-8
 - four trs channels
 - One snake carrying
 - five xlr channels (on desk, 10-14)
 - two trs channels
- Main output fed through DSP8042 (equalizing the room) and GEQ3120 to the house amp.
- 4 aux channels for monitors, prefade
- 2 aux channels for fx, postfade
- stereo aux return: connects to CD player
- stereo aux return: available for a future external fx.
- effects generator - a small variety of reverbs, echos, plates etc are available. We tend to use a simple hall reverb – the room can be dry.
- line level “control room” stereo output.
- Mono output which can be switched to a mixed output from aux 6.
- Solo on all channels, auxes, reverbs.

Demountable auxiliary desk.

- Behringer MX802 4 mic input desk as auxiliary, inputting to a pair of the main desk line in inputs. This gives us 18 mic inputs when needed.

Graphic Equalizers

- Behringer Ultra-curve pro DSP8024 analyser and room eq, in the house channels, set to equalise the room. Has minimal feedback killer facilities.
- Behringer FBQ3102 2*32 graphics equalizer, in the house channels, set as required.
- 2 Behringer FBQ1502 2x16 channel with top and bottom rolloff. One channel in each of the monitor channels. Has feedback detection.

House Speakers

- 2 Fender E-SPL3001 8 ohm 300/600 watt passive speakers on stands used as FOH speakers
- 2 StudioSpares Fortissimo 12A 200 watt active speakers on stands, now rarely used. Can be used as delayed ROH speakers or active monitors.

House Amplifier

- QSC RMX-1850HD, 2 channels, 360watt into 8 ohms

Monitor Amplifiers

- 2 Yamaha P2500S 2*275W into 8 Ω . All four channels full pre-eq from desk, with FBQ1502
- The two Studiospares Fortissimo speakers can be driven through the desk, including the full pre-eq.

Additional Amplifier

- Torque MA100-4 single 100w amp with 4 input channels – can be used for fifth monitor channel.

Additional Equipment available

- 3 Behringer DSP110 Shark one channel mic/line amp/fbx/compressor/denoiser/phantom: excellent mic amp if used simply. Two are permanently installed as delays for ROH speakers.

Monitor Speakers

- 1 Laney TM100 8" wedge
- 1 Laney CXM110 10" wedge
- 2 Torque TSM100 10" wedges
- 2 Fortissimo 200w speakers can be used as wedges

Microphones

- 4 Shure SM58
- 1 Shure SM58B
- 1 R de M3
- 3 Shure Beta 57A
- 2 Studiomaster KM80 (not wonderful)
- 1 Shure SM94 condenser mike
- 1 Behringer ECM8000 standard reference mic for equalisation (very flat, 180 degree coverage).
- 2 boundary mics of unknown provenance. Quite good if used properly.

Auxiliary Equipment

- 2 Dual channel active DI box
- 2 single channel active DI boxes
- Leem 4way mic amp jack inputs, line output and power supply.
- Two snakes
- 6 xlr+2trs 6 meter
- 8 xlr+4trs 12 meter

- sufficient XLR cables for all inputs
- sufficient 1/4" mono jack cables for monitor speakers and a few mono inputs
- mono and stereo patch leads, more than enough.
- 2 twelve metre speakon to speakon speaker leads (excellent) and 2 spare 10 meter xlr to speakon.
- 8*XLR, 4*mono jack snake, from desk to back of stage area.
- 6*XLR, 2* mono jack snake, from desk to front of stage area.
- 2 xlr to mono jack matching transformers
- various sex changers and converters.
- various power leads and extension strips
- 7 microphone boom stands
- 1 microphone talk stand
- 1 microphone floor stand
- 3 short boom stands
- 4 orchestral music stands
- 2 rather ratty music stands
- 5 rather good music stand lights

Piano

- Yamaha U5 (tuned every Friday that it is *used*.)
- C-ducer CP2/8 contact mics permanently attached.

Toolkit

- Some hand tools, small soldering iron, fuses, various spares, drum key, PP3's, adaptors, spare piano key, stuff.

Recording

Our sound tech, Dave, is happy to record your gig, if his equipment can cope with your band. Recording can be done in three ways:

- He can record up to 26 tracks raw onto hard disk (if he can find that many mics), and mix from that, producing a cd. A weeks notice is needed for this.
- He can set up a stereo pair of mics, and record a stereo track raw onto hd, and equalize to a cd. A day's notice is needed for this.
- We can hang your minidisk or similar, either with your mic, or with the desk as input. Note that we usually do not mic drums for the live performance, so they will not appear in the house, only the recording.

Dave's equipment is

- MacBook Pro, 16", Sonoma, 2.6GHz Intel Core i7, 16Gb ram, 1TB SSD, Cd/dvd reader/writer (dual layer) – for recording and mixing.
- imac 20", intel, Monterey, 2.66Ghz, 4Gb ram, 320Gb hd, Cd/dvd (dual layer) reader/writer (used as second screen)
- Terabytes of discs
- Motu 828MkIII interface
- Motu 828MkII interface ADATed to the MkIII
- Behringer ADA8000 8*pre, ADATed to the MkIII
- 2 – matched Rode NT5 mics
- 2 – matched Oktava MK012 with cardioid, hypercardioid and omni capsules.
- 2 – Shure SM57 mics

- 1 – DM5010 kick-drum mic
- 2 - Matched pair of K-Micro small condenser omnis.
- Motu Digital Performer v11.01) editing and mixing software (will export to most formats) on both macs. More plugins than you can shake a booty at.
- The Fleece kit listed above (if recording is at Fleece Jazz).

Please contact Dave on <mailto:lyond@essex.ac.uk> , tel 01206 762213 or 07722255373 if you want a gig recorded.