DV8 - John - Sound specfications

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Please refer to http://www.garethfry.co.uk/Specs/visualdictionary.pdf for explanations of UK theatre terms

VENUE to provide:

Left-Centre-Right vocal clusters, consisting of point source speakers or line-arrays as appropriate to the auditorium. Please contact us to discuss the possbilities for your auditorium

Front Fills: 3 x / 6 x Meyer UPM's or equivalent, depending on width of stage

2 x d&b Qsubs or Meyer USW sub-bass speakers.

3 x delay speakers, or more depending on the auditorium size and type.

Exact speaker quantities and types will need to be determined for each venue. We are open to suggestions for substitutions, but these must be approved by Gareth Fry or Fergus Mount at least 2 weeks in advance of the fit-up.

2 x Sennheiser MKH416 microphones

8 x Shure UHF radio mic system with UR1M transmitters and receivers; OR Sennheiser 5012, 5212, 6212 transmitters and compatible receivers.
With 4 x spare transmitter aerials.. Shure UR1 transmitters and SK50 transmitters are too big and are **NOT** acceptable. Due to the physical nature of the show, if UR1M/SK5012/SK5212/SK6212 transmitters are not provided, DV8 will need to air-freight these from the UK at the cost of the venue. Batteries should be supplied to allow for a battery change for every performance and every 5 hours of technical rehearsals.

In countries using 110V, we will need 3 x Yamaha P5000 amplifiers, or equivalent, as our touring amplifiers will not work on 110V.

Please note: We are not touring radio mic runners and will need ONE (1) person in each venue to be responsible for preparing the mic capsules, changing batteries before each performance and monitoring & sorting any problems out during the show. * The same person must be available for all tech sessions, rehearsals and performances. * That person should have a good supply of Transpore, Tegaderm, Micropore, Zinc Oxide and Hapla band, as well as flesh coloured vinyl paints, hair and makeup products to conceal the microphones. We will provide them with a list of responsibilities but we will assume that they are already experienced with radio mics.

Cable: Speaker cable, XLR, mains cable, etc should be provided by the venue to connect the system as detailed in the attached schematic & layout plans.

Mains: The system should be connected to a dedicated sound mains supply, i.e. not used for anything other than sound equipment. Mains distribution should be provided as necessary. For countries using 110V mains systems we will require a 110V-240V transformer at FOH. An APC-1400 Smart UPS, or equivalent (for computers and DME at mix position) should be provided in case of power loss or surge.

Please note: all equipment supplied must be of professional audio quality, in good working order and constant for the duration of the run. We reserve the right to reject any item supplied, if it is deemed to be of inadequate quality, unsuitable for it's supposed purpose or in poor condition whether of a cosmetic or electrical nature. All speakers, rigging accessories, mic. stands etc must be matt black in colour.

DV8 to provide:

Yamaha M7CL-48 mixer
Yamaha DME24 with Focusrite RedNet3 and Creamware A16, providing analogue outputs on 24x XLR3M outputs
DPA4061 mic capsules with connectors for Shure UR1M (TA4M) or Sennheiser SK5212/SK6212 (3pin mini Lemo)transmitters
2 x Apple Mac's running QLab with sound-cards
5 x DPA 2011 float mics
2 x EM Acoustics EMS8x1's Upstage, flown horn down Upstage at side of aperture
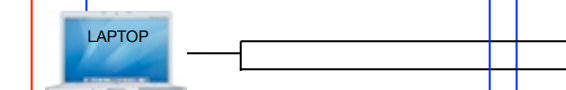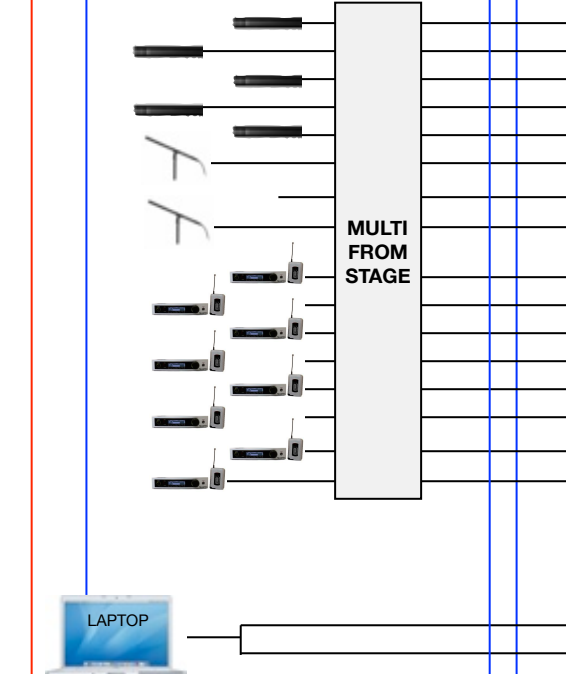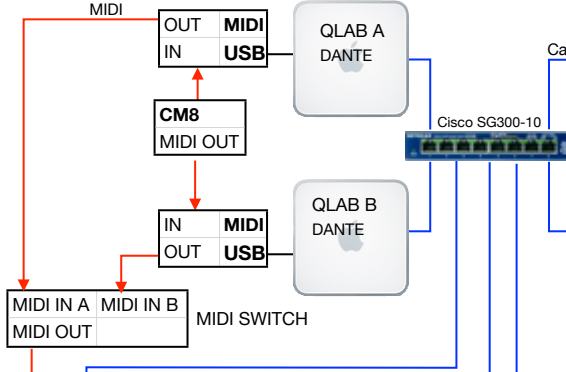1 x EM Acoustics EMS81x, flown horn down CS C
3(4) x EM Acoustics EMS51s, for front foldback
6 x the box Pro achat speakers for foldback
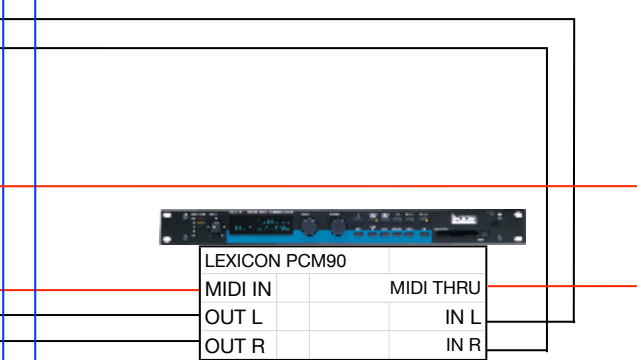3 x Yamaha P7000/5000/2500 amplifiers. Please note we we will not tour these amplifiers to venues outside Europe as they are 240V compatible only.
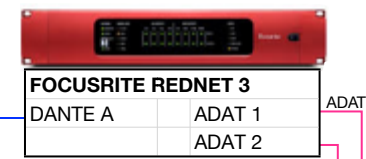
ASD
ASSOCIATION *of* SOUND DESIGNERS

JOHN - DV8
Version: 27/5/14
(c) Gareth Fry

MIDI

OUT	**MIDI**
IN	**USB**

QLAB A DANTE

CM8
MIDI OUT

QLAB B DANTE

IN	**MIDI**
OUT	**USB**

MIDI IN A	MIDI IN B
MIDI OUT	

MIDI SWITCH

Cisco SG300-10

Cat6

MULTI FROM STAGE

LAPTOP

Yamaha M7CL-48 / 2X MY-AUD DANTE CARDS

Yamaha M7CL-48			2X MY-AUD DANTE CARDS		
SLOT 1-1/2-1	33	QLAB 1 US L	MIX 1	US L	SLOT 1-1
SLOT 1-2/2-2	34	QLAB 2 US R	MIX 2	US R	SLOT 1-2
SLOT 1-3/2--3	35	QLAB 3 PCM L	MIX 5	SUB L	SLOT 1-3
SLOT 1-4/2-4	36	QLAB 4 PCM R	MIX 6	SUB R	SLOT 1-4
SLOT 1-5/2-5	37	QLAB 5 SUB L	MIX 7	FB DS L	SLOT 1-5
SLOT 1-6/2-6	38	QLAB 6 SUB R	MIX 8	FB DS R	SLOT 1-6
SLOT 1-7/2-7	39	QLAB 7 FB DS L	MIX 9	FOH L	SLOT 1-7
SLOT 1-8/2-8	40	QLAB 8 FB DS R	MIX 10	FOH R	SLOT 1-8
SLOT 1-9/2-9	41	QLAB 9 FOH L	MIX 11		SLOT 1-9
SLOT 1-10/2-10	42	QLAB 10 FOH R	MIX 12	CS C	SLOT 1-10
SLOT 1-11/2-11	43	QLAB 11 CS L	MIX 13		SLOT 1-11
SLOT 1-12/2-12	44	QLAB 12 CS C	MIX 14	TV	OMNI 3
SLOT 1-13/2-13	45	QLAB 13 CS R	MIX 15		SLOT 1-12
SLOT 1-14/2-14	46	QLAB 14 TV	MIX 16		SLOT 1-13
SLOT 1-15/2-15	47	QLAB 15 F FB	STEREO L	VOX L	SLOT 1-14
SLOT 1-16/2-16	48		MONO	VOX C	SLOT 1-15
			STEREO R	VOX R	SLOT 1-16
	17	17 FLOAT L			
	18	18 FLOAT CL			
	19	19 FLOAT C			
	20	20 FLOAT CR			
	21	21 FLOAT R			
	22	22 RIFLE L			
	23	23			
	24	24 RIFLE R			
	25	25 Hannes			
	26	26 Vivien			
	27	27 Emira			
	28	28 Andy			
	29	29 Ian G			
	30	30 Taylor			
	31	31 Gabriel			
	32	32 Garth J			
			MATRIX 1		
			MATRIX 2		
			MATRIX 3		
			MATRIX 4		
ST1L		LAPTOP L	MATRIX 5		
ST1R		LAPTOP R	MATRIX 6		
ST2L		LAPTOP L	MATRIX 7		
ST2R		LAPTOP R	MATRIX 8		
ST3L					
ST3R					
			MIX 3	PCM L	OMNI 1
			MIX 4	PCM R	OMNI 2
			SECONDARY PORT DANTE CARD A		
			SECONDARY PORT DANTE CARD B		
ST4L	ST4L	LEXICON	**WC MASTER**		
ST4R	ST4R	LEXICON	MIDI IN		
NETWORK					

Yamaha DME24 1 x MY-AUD DANTE CARD
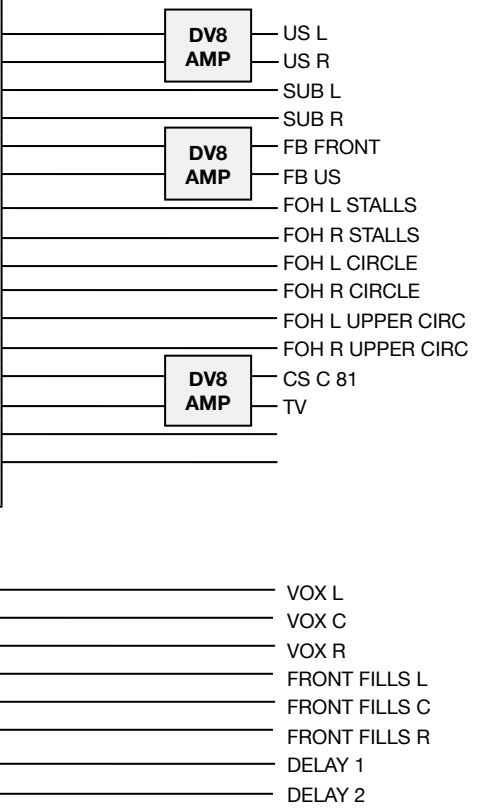
Yamaha DME24		1 x MY-AUD DANTE CARD			
SLOT 1-1	1	US L	US L	1	SLOT 1-1
SLOT 1-2	2	US R	US R	2	SLOT 1-2
SLOT 1-3	3	SUB L	SUB L	3	SLOT 1-3
SLOT 1-4	4	SUB R	SUB R	4	SLOT 1-4
SLOT 1-5	5	FB DS L	FB FRONT	5	SLOT 1-5
SLOT 1-6	6	FB DS R	FB US	6	SLOT 1-6
SLOT 1-7	7	FOH L	FOH L STALLS	7	SLOT 1-7
SLOT 1-8	8	FOH R	FOH R STALLS	8	SLOT 1-8
			FOH L CIRCLE	9	SLOT 1-9
SLOT 1-9	9	CS 81	FOH R CIRCLE	10	SLOT 1-10
SLOT 1-10	10	TV	FOH L UPPER CIRC	11	SLOT 1-11
SLOT 1-11	11	FLOAT L	FOH R UPPER CIRC	12	SLOT 1-12
SLOT 1-12	12	FLOAT C	CS C	13	SLOT 1-13
SLOT 1-13	13	FLOAT R	TV	14	SLOT 1-14
SLOT 1-14	14	VOX L		15	SLOT 1-15
SLOT 1-15	15	VOX C		16	SLOT 1-16
SLOT 1-16	16	VOX R	VOX L	17	analog 1
WC IN			VOX C	18	analog 2
MIDI IN			VOX R	19	analog 3
			FRONT FILLS L	20	analog 4
			FRONT FILLS C	21	analog 5
SECONDARY DANTE PORT			FRONT FILLS R	22	analog 6
DANTE CARD			DELAY 1	23	analog 7
			DELAY 2	24	analog 8
NETWORK					WC OUT
MIDI THRU					MIDI IN

FOCUSRITE REDNET 3

DANTE A	ADAT 1
	ADAT 2

ADAT

CREAMWARE A16

ADAT 1-1	US L
ADAT 1-2	US R
ADAT 1-3	SUB L
ADAT 1-4	SUB R
ADAT 1-5	FB DS L
ADAT 1-6	FB DS R
ADAT 1-7	FOH L STALLS
ADAT 1-8	FOH R STALLS
ADAT 1-9	FOH L CIRCLE
ADAT 1-10	FOH R CIRCLE
ADAT 1-11	FOH L UPPER CIRC
ADAT 1-12	FOH R UPPER CIRC
ADAT 1-13	CS C
ADAT 1-14	TV
ADAT 1-15	
ADAT 1-16	

DV8 AMP — US L, US R, SUB L, SUB R

DV8 AMP — FB FRONT, FB US

FOH L STALLS, FOH R STALLS, FOH L CIRCLE, FOH R CIRCLE, FOH L UPPER CIRC, FOH R UPPER CIRC

DV8 AMP — CS C 81, TV

VOX L, VOX C, VOX R, FRONT FILLS L, FRONT FILLS C, FRONT FILLS R, DELAY 1, DELAY 2

LEXICON PCM90

MIDI IN	MIDI THRU
OUT L	IN L
OUT R	IN R

Cisco SG300-10

Notes:
- **Not to scale**
- **This drawing & the specifications therein, relate only to aural and visual aspects of the production, and not to matters of structural integrity and/or safety.**

PLEASE NOTE: WE REQUIRE AN AUDITORIUM MIX POSITION: THIS MUST BE A LEVEL AREA OF 2.8m x 1.8m.
ALL VENUES ARE REQUESTED TO CONFIRM WITH THEIR BOX OFFICE TO ENSURE THAT, IF NECESSARY, THE REQUIRED SEATING HAS BEEN TAKEN OFF SALE.

2.8m

Monitor

Monitor

Yamaha M7CL48 Mixer
Simensions out of flightcase
1274 x 900mm

1.8m

Fold-back

Fold-back

US Wall

Fold-back

Fold-back

Fold-back

Upstage L flown

Upstage R flown

Fold-back

Fold-back

Flown CS C

Float mic

Float mic

Float mic

Rifle mic

Float mic

Float mic

Rifle mic

Sub L

Front Foldback
Front Fill

Front Foldback
Front Fill

Front Foldback
Front Fill

Sub R

Cluster L

Cluster C

Cluster R

Delay L

Delay C

Delay R

Mix Position

Cluster L   Cluster C   Cluster R

Flown 81

Flown 81

Upstage R

Upstage L

Float Mic

Front Fill   Rifle mic
                    Front Foldback

Front Fill   Float Mic   Float Mic

                    Front Foldback

Float Mic

Float
Mic

Front Fill

Rifle mic

Front Foldback