

# WINTER IN EDEN



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## TECHNICAL SPECIFICATIONS

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STAGING, FOH AND MONITORING SET UP



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## 1 Definitions

For the purposes of this technical specification guide, the following terms shall have the meanings ascribed to them below:

- 1.1 "We" shall refer to Winter In Eden.
- 1.2 "You" shall refer to The Venue.
- 1.3 "F.O.H." shall refer to Front Of House PA/Sound system.
- 1.4 "IEM" shall refer to In Ear Monitors.

## 2. WIE Kit Share Availability

Guitar – No Cabs are used on stage (AC). Kit shares not possible.

Bass – Bass Cab/Amp/Combo (DH). Contact for details.

Drums – See Item 6, pages 3 & 4 for details.

## 3. GENERAL REQUIREMENTS

- 3.1 Two stage monitors are required for general stage coverage mixed from FOH or house monitor mixer. This is for the bass player, who does not use an IEM system.
- 3.2 Other Band members use IEM with our own personal mix facility.
- 3.3 Drum mics connect **directly to your stage box**, all other instruments connect to your stage boxes/DI's **via our XLR splitter** located in our "Rack". See item 6 for details. **NOTE: Our passive "XLR Splitter" is NOT A DI BOX.**
- 3.4 Winter In Eden does not have a fixed line-up and may use various session musicians; therefore, technical requirements are subject to change. The core members are Vicky (Lead Vocals) and Steve (Keyboards).

### 3.5 Ideal Specification List (For Guidance)

#### Stage Area

- **Dimensions:** 6M x 4M minimum

#### Front of House Sound System

- **Type:** 3-way system (adequate for venue size)
- **Coverage:** Full coverage for audience

#### Monitor Mix

- **Wedges:** 2-wedge positions
- **Monitor Sends:** 1 or 2

#### Mixing Desk

- **Channels:** 24-channel
- **Subgroups:** 2 or more subgroups with inserts
- **Position:** Main auditorium

#### Send/Return Requirements

- **Pre-fade Sends:** Minimum of 4
- **Post-fade Sends:** Minimum of 2
- **Effects Returns:** Minimum of 4 (2 x stereo)

#### Graphic Equalizers

- **FOH EQ:** 1 x stereo 31-band graphic EQ
- **Monitor Sends EQ:** 1 x 31-band EQ for each monitor send
- **VST EQ:** Alternatively, digital desks with integrated multiband EQs can be used.

#### Effects Units

- **Types:** 2 FX units (Lexicon, Yamaha, or similar)
- **Effects:** Reverb and delay
- **VST FX:** Alternatively, digital desks with integrated effects can be used.

#### Microphones & Accessories

- **Required:** All microphones, stands, and cables for connections to the house equipment. (excluding lead vocal radio mic which we supply)

### 3.6 Backdrops

We have a pole mounted printed backdrop which is 3m x 2m (Width x Drop). Although it is specifically designed as a stage backdrop, a clear area with no heat/hot light sources should be in the immediate vicinity for additional fire safety and ventilation of your equipment.

Alternatively, if the venue has a TV/rear display/projection system, we can provide a Jpg images on a 64gb standard USB stick. Please contact us if you have specific format needs.

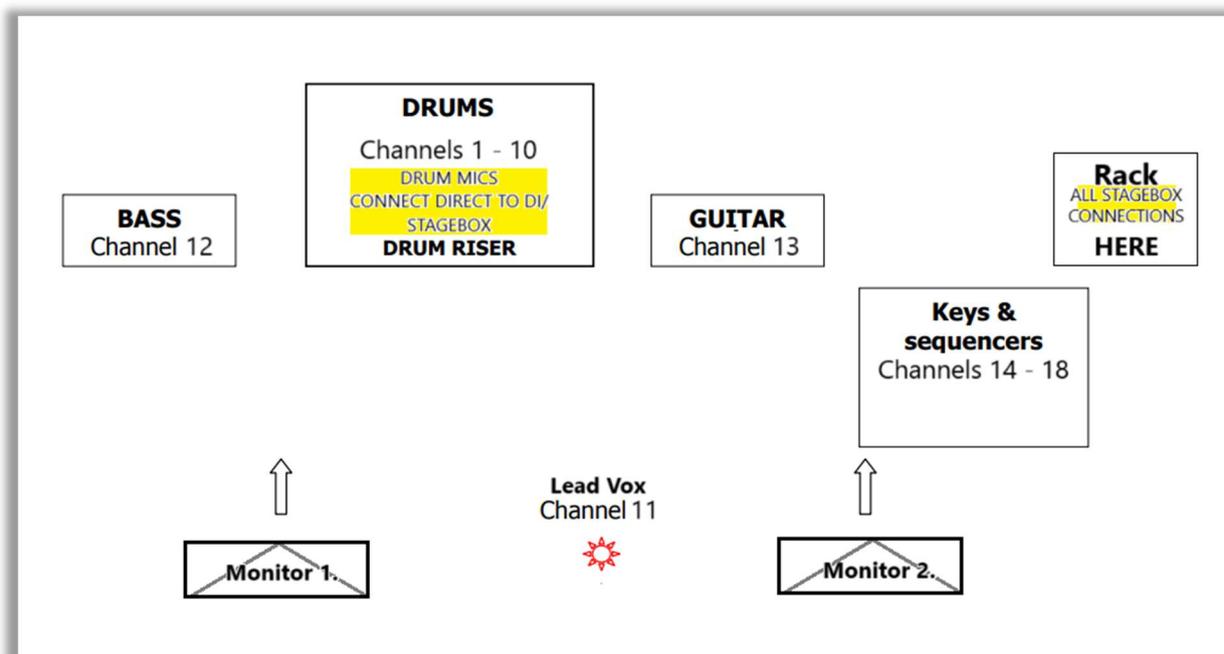
## 4. Our Wireless System

We use the following Sennheiser wireless equipment:

Description	Type	Frequency
<b>Microphone</b> (Lead Vox)	Sennheiser ew100 (G2)	831.900 Mhz
<b>IEM</b> (Lead Vocalist)	Sennheiser ew300 IEM (G3)	854.900 Mhz
<b>Wireless Transmitter</b> (Bass)(DH)	Line 6 Relay G30 (Digital)	2.4Ghz

## 5. Stage Layout

The layout can also be reversed (mirror image).



## 6. Drum Kit Layout (OwenAlec Drumming)

### 6.1 Kit Sharing/House Kit - Minimum Gear Required

22" Kick  
10" & 12" Rack Toms  
16" Floor Tom

### 6.2 Kit Sharing Supplied by OwenAlec - Strictly arranged in advance

22" Kick  
10" & 12" Rack Toms  
16" Floor Tom

Hi-Hat Stand  
4x Cymbal Boom Stands (Mix of Rack System and standalone)  
Snare Stand

Other drummers to bring their own hardware, however, the above items are available by prior arrangement. Also, they are required to bring "Breakables", e.g. snare, cymbals, seat, sticks and any other additional items. OwenAlec is happy to discuss any special arrangements in advance.

Contact details: owenalec@hotmail.com

### 6.3 Drum Kit Layout

Minimum space required – 2m x 1.5m



1	22" Kick	A	14" Hi-Hat
2	14" Snare	B	19" Crash (L)
3	10" Rack Tom	C	19" Crash (R)
4	12" Rack Tom	D	10" Splash
5	16" Floor Tom	E	21" Ride
		F	16" Stack
		G	20" China

## 7. Channel List and Microphone/DI Box Requirements - For FOH Sound Engineer – Example

Channel	Location	Item	Preference	Notes	Monitor	Processing	Subgroup
Ch 1	DIRECT F.O.H	Kick In			A - B	Gate	1-2
Ch 2	DIRECT F.O.H	Kick Out			A - B	Gate	1-2
Ch 3	DIRECT F.O.H	Snare Top			A - B	Gate	1-2
Ch 4	DIRECT F.O.H	Snare Bottom			A - B	Gate	1-2
Ch 5	DIRECT F.O.H	Hi-Hat			A - B	Gate	1-2
Ch 6	DIRECT F.O.H	Tom 1			A - B	Gate	1-2
Ch 7	DIRECT F.O.H	Tom 2			A - B	Gate	1-2
Ch 8	DIRECT F.O.H	Floor Tom (3)			A - B	Gate	1-2
Ch 9	DIRECT F.O.H	Overhead L			A - B	-	1-2
Ch 10	DIRECT F.O.H	Overhead R			A - B	-	1-2
Ch 11	Rack Out 1	Vocal		XLR - DI	A - B	Comp	3-4
-	Rack Out 2	<i>Click Track</i>	<i>No Connection to FOH</i>				
Ch 12	Rack Out 3	Bass		XLR - DI	A - B	Comp	L-R
Ch 13	Rack Out 4	Guitar		XLR - DI	A - B	-	L-R
Ch 14	Rack Out 5	Keys L		XLR - DI	A - B	-	L-R
Ch 15	Rack Out 6	Keys R		XLR - DI	A - B	-	L-R
Ch 17	Rack Out 7	Sequencer L	Includes BV's	XLR - DI	A - B	-	L-R
Ch 18	Rack Out 8	Sequencer R	Includes BV's	XLR - DI	A - B	-	L-R
-	-	<i>Trash Drums</i>	<i>No Connection to FOH</i>				
Stereo	FX Return		Rev/Delay (tap)	Vocals			L-R
Stereo	FX Return		Rev	Vocals/kit Backline			L-R
Monitor Send A-B							

### Connections to Front of House (FOH)

- **Preferred Setup:** All instruments connect to venue stage box via our rack **except drums**. Our "Rack Out" splitter to FOH should be made on the **rear** or **front** panel (refer to item 8, Stage Connection Diagram)

### Our Rack Location

- **Position:** Located next to keyboardist. Positioned either left or right of stage for convenience.

### Stereo Subgroup Compressors

- **Purpose:** Used for kit and vocals

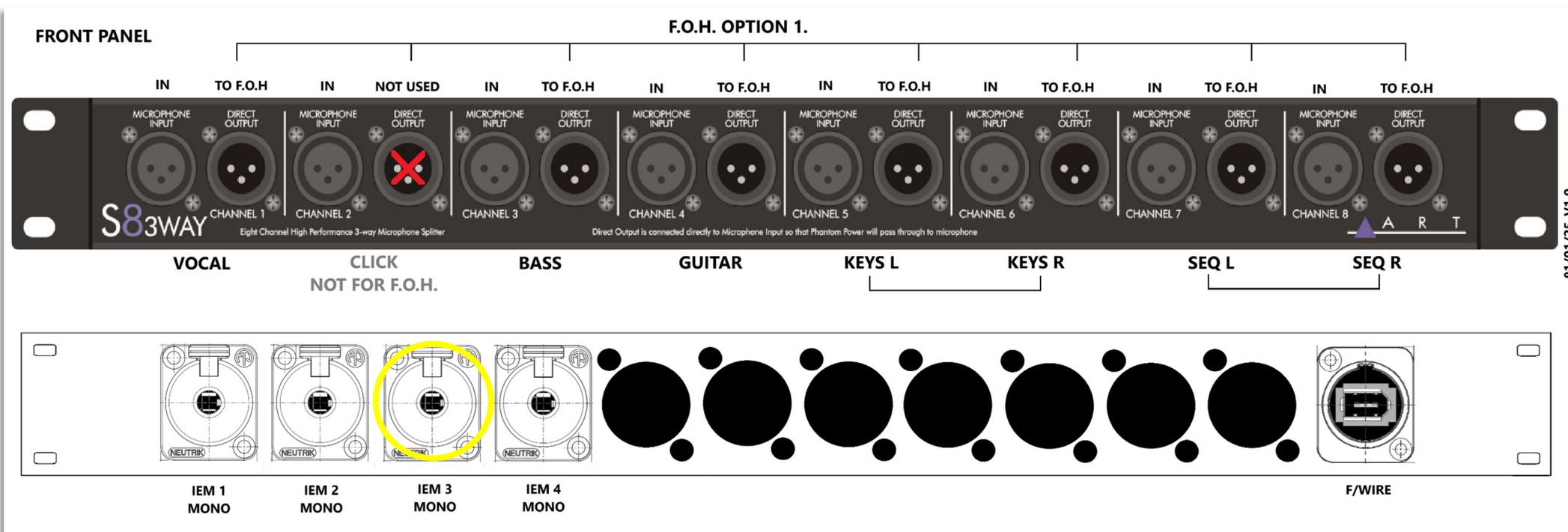
### Reverb and Delay

- **For Vocals:** Reverb and tap delay
- **For Drums/Backline:** Reverb

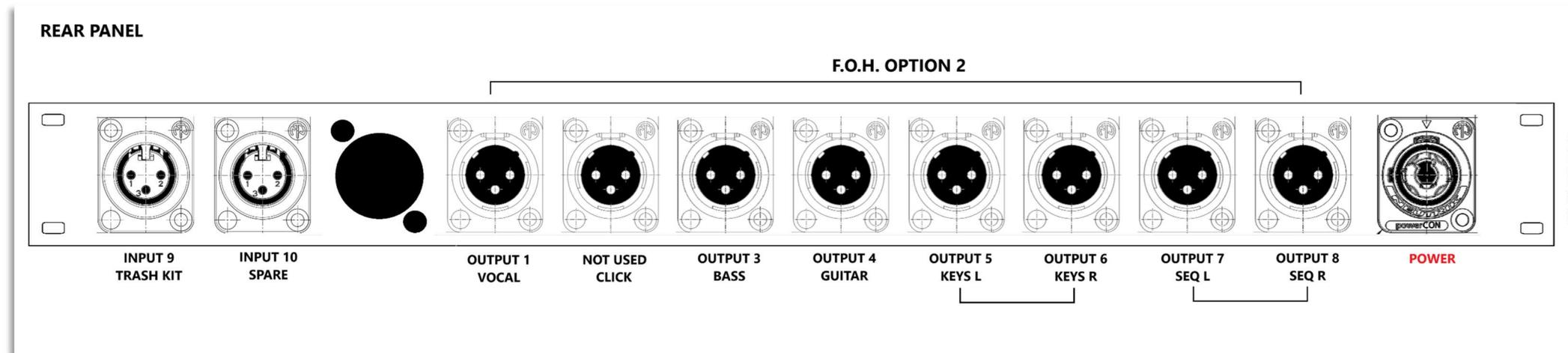
### VCA's and Subgroups

- **Usage:** May be required for large venues and festivals

8. Stage Connection Diagram – Located in the Rack Unit Next to the Keyboard Player



**NOTE: Our passive ART S8 3way "XLR Splitter" is NOT A DI BOX – (No phantom power pass through on rear panel)**



## 9. Monitoring Requirements

Option 5.a. is preferred

**No. 5 is relevant to House engineer/F.O.H connections**

No	Serves	Type	Channel	Monitor	Requirements	Type	From	Feed/Output
1	Vicky	IEM	P16-D_1	Own	N/A	IEM	Self-Contained	P16-HQ (Cat5 SE)
2	Steve	IEM	P16-D_2	Own	N/A	IEM	Self-Contained	P16-HQ (Cat5 SE)
3	Owen	Monitor 1	Aux Out 1	Own	N/A	IEM	Self-Contained	IEM 1 Mono ¼ inch Jack
4	Arun	Monitor 2	Aux Out 2	Own	N/A	IEM	Self-Contained	IEM 2 Mono ¼ inch Jack
5	Bassist	Monitor 3 MONO	Aux Out 3	Powered Wedges Required-	We can provide a mono feed	Wedges Monitor 1 Monitor 2	Self-Contained Mix	(IEM 3 Mono ¼ inch Jack see Page 6, Item 7)
6	Spare	Monitor 4	-	-	-	-		IEM 4 Mono ¼ inch Jack

- **Powered Wedge Monitors are required for the Bass player only.**
- **If the stage monitors are not powered, either: -**
  - a. A monitor mix will be required from the engineer/house system. Or,
  - b. A monitor mix from us will need its own channel to the F.O.H. to feed your monitor send. We can send the monitor mix direct from our IEM mixer at line level using a mono ¼ inch jack.
- All other musician IEM's are self-contained and do not require FOH connections.

If in the unlikely event we have a serious technical failure with our IEM system, we would be able to work with a general wedge monitor mix from the current bass monitor set up, we like to call "a buffet mix". (lol)...

We understand that every set up can be different. Feel free to give us a call or send us an email If you need any further information or clarification. If you find any errors in these technical specifications please let us know and we can rectify them... We're happy to help!

We look forward to working with you.

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**10. For Venue Notes**