

**KINTRA**  
**TECHNICAL SPECIFICATIONS**  
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This specification is constantly being updated in advance of Kintra's performances at Irishfest in Milwaukee, US. Last updated 11th August, 2010. See page 3

**SOUND REQUIREMENTS**

**INTRODUCTION**

**If you have any problems, or if any of the items listed below will not be available, please contact us as soon as possible.**

The following sound specification is detailed, but fairly simple. The emphasis throughout is on quality.

Our preferred loudspeaker system for concerts with an audience of 200-800 comprises of 2 x Martin Audio W8VDQ and 2 x Martin Audio Blackline S218+ with related Martin Audio power amps and loudspeaker management system.

KINTRA travel with their own FOH engineer, and **free access to all parts of the sound system should be afforded to him**. KINTRA require that all inputs be reserved for their exclusive use from sound check to end of show. If there are other performers, separate channels must be used.

**SCHEDULE**

DESCRIPTION	TIME	EXAMPLE (8pm show)
Sound/Lighting Crew:	show minus 5 hour	3:00pm
Band Load in:	show minus 3 hour	5:00pm
Band:	show minus 2 ½ hour	5:30pm
Soundcheck:	show minus 2 ½ hour	5:30pm
Meal break:	show minus 1 hour	7:00pm
Doors:	show minus ½ hour	7:30pm

**STAGE**

Preferably a 32'x24' or larger stage, (space for PA speakers, etc., should be extra) laid out as per diagram, but we can accommodate smaller stages if required. Dance area must be clear of cables, stage boxes or other obstructions. If the stage is of concrete construction, a layer of wood at least 3/4" thick should be laid on the dance floor (2 4' X 8' sheets of plywood taped together).

**DRESSING ROOMS**

In addition to the Green Room, where food and drink as specified should be, at least two (preferably four) other dressing rooms are required, one of which should be large enough for twelve people. Kintra also require one male and one female toilet, which are not open to the public.

## EQUIPMENT AND PERSONNEL

Within Ireland/Northern Ireland, KINTRA normally carry the mixing console (LS9-32), all mics (including all radio mics), mic stands, mic cables, DI boxes and power cables for use on-stage. Therefore, in addition to the FOH system outline above, we require the following sound equipment:-

**FOLDBACK:** Seven wedge monitors with minimum 12" driver & 1" horn, 400w or greater each; four channels of amplification driven by 4 aux./FB pre-fade console outputs (sends A, B, C & D).

**MULTI-CORE:** Minimum 24 sends, 8 returns, long enough for the venue.

For other tours KINTRA require the following sound equipment:-

**CONSOLE:** 24 channel minimum - preferred consoles: YAMAHA LS9-32, ALLEN & HEATH GL-2400.

**EQ:** Six 31-band graphic EQs - L output, R output, Monitors A, B, C & D. Power conditioning & lighting units as required.

**FX:** Two multi FX processors (if not digital console): LEXICON, TC ELECTRONICS, YAMAHA

**FOLDBACK:** Six wedge monitors with minimum 12" driver & 1" horn, 400w or greater each; four channels of amplification driven by 4 aux./FB pre-fade console outputs (sends A, B, C & D).

**MULTI-CORE:** Minimum 24 sends, 8 returns, long enough for the venue.

**MICS:** We normally carry all mics and DIs, including 4 handheld radio mics and 4 radio mics for the bagpipes, and mics for the drums and the tin whistle. Please have some mics available just in case, 58s, 57s, etc.

**MIC STANDS:** Three tall booms (Tin Whistle, Overheads) and two short booms (Kick, Snare) in good working order, no tape holding them together, with 5 clips.

Irish Fest (Milwaukee, US), 2010 - <http://www.irishfest.com/festival/music/artist.php?id=185>

For Irish Fest KINTRA require the following sound equipment:-

CONSOLE: 24 channel minimum - preferred console: YAMAHA LS9-32 (Digital).

FOLDBACK: Eight wedge monitors

MICS: 4 x handheld radio mics, 2 for vocalists, 1 for tin whistle, 1 for the band leader to make announcements/introductions.  
(Shure ULXP24/58, Shure SLX24/58, Sennheiser ew 500 G2, etc.)

AKG D112, SM57, 3 x Sennheiser E604, 2 x AKG C430 or equivalent for Drums

6 x DI (2 for Keyboard, 2 for Guitars, 2 for Basses)

1 x SM57 for guitar

**We will carry:**

**4 x body-pack radio mics with clip-on instrument microphones for bagpipes;**

**4 x AKG WMS450 (PT450 and SR450) 835MHz - 865MHz**

**1 x Antenna Splitter Unit**

**1 x Power Supply Unit (100-240V IEC socket)**

**4 x AKG C 519 ML Clip-on Instrument Microphone (modified)**

**1 x AKG WMS 40 PRO GUITAR radio system for Electric Violin (with 1/4in jack socket) – 1 fixed frequency – 854.900 MHz**

MIC STANDS: 1 x tall boom for tin whistle, stands as appropriate for the kit and guitar amp.

For Irish Fest (Milwaukee, US) KINTRA also require the following instruments:-

- KEYBOARD:** Electronic Piano with 88 note weighted keyboard with matching pedal (Roland RD-300SX or any stage piano from Roland, Yamaha, Kurzweil, etc.), keyboard stand and piano stool/drummer's stool.
- DRUMS:** Standard drum kit, at least 5 piece, with cymbals (Pearl Reference Kit, Yamaha Stage Custom), drum stool, carpet for drum riser (Right handed player).
- GUITAR:** Fender Twin-Reverb, or any similar guitar amplifier with Distortion/Clean channels. Two guitar stands, one for electric guitar, one for acoustic guitar. **We will carry Gibson Les-Paul electric guitar.**  
**(We intend to hire an acoustic guitar – Takamine, etc.)**
- BASS:** Ampeg SVT or any similar bass head and enclosure combination. Two bass stands, one for electric bass, one for double bass.  
**We will carry Cort bass guitar and K&K Bass Max pickup for double bass.**  
**(We intend to hire a double bass – ¾ scale length)**
- OTHER:** If the temperature on-stage is likely to be in excess of 20°, 1 x Fan (for Keyboard player).

## KINTRA INPUT LIST

<b>Channel</b>	<b>Instrument</b>	<b>Input</b>	<b>Position</b>
1	Bass Drum	AKG D-112	
2	Snare Drum	SM57	
3	Overhead	AKG C430	
4	Overhead*	AKG C430	
5	Tom-Tom	E-604	
6	Tom-Tom	E-604	
7	Tom-Tom	E-604	
8	Reserved*	-	
9	Keyboard L	DI	
10	Keyboard R	DI	
11	Tin Whistle (radio mic)		
12	Fiddle	DI	
13	Acoustic Guitar	DI	
14	Electric Guitar	DI (or SM57)	
15	Double Bass	DI	
16	Electric Bass	DI	
17	VOX (radio mic)		
18	VOX (radio mic)		
19	VOX (radio mic)		
20	*		
21	Bagpipe (radio mic)	AKG C519	
22	Bagpipe (radio mic)	AKG C519	
23	Bagpipe (radio mic)	AKG C519	
24	Bagpipe (radio mic)	AKG C519	

### Notes:

- \* denotes channels reserved for High-Hats, Toms, etc. If available, these may be used for other purposes, e.g. Support act.

## **LIGHTING REQUIREMENTS**

### **INTRODUCTION**

The following lighting specification is a basic starting point. The emphasis throughout is on visibility of all the performers on stage.

### **LIGHTING**

For theatres within Ireland/Northern Ireland,

We normally carry two PR Pilot 150 moving head lights for effect. Therefore we require the following lighting setup:-

FOH:                   5 profile spots to cover the downstage area – 1 DSC, 1 one each side of DSC and 1 each DSR and DSL.

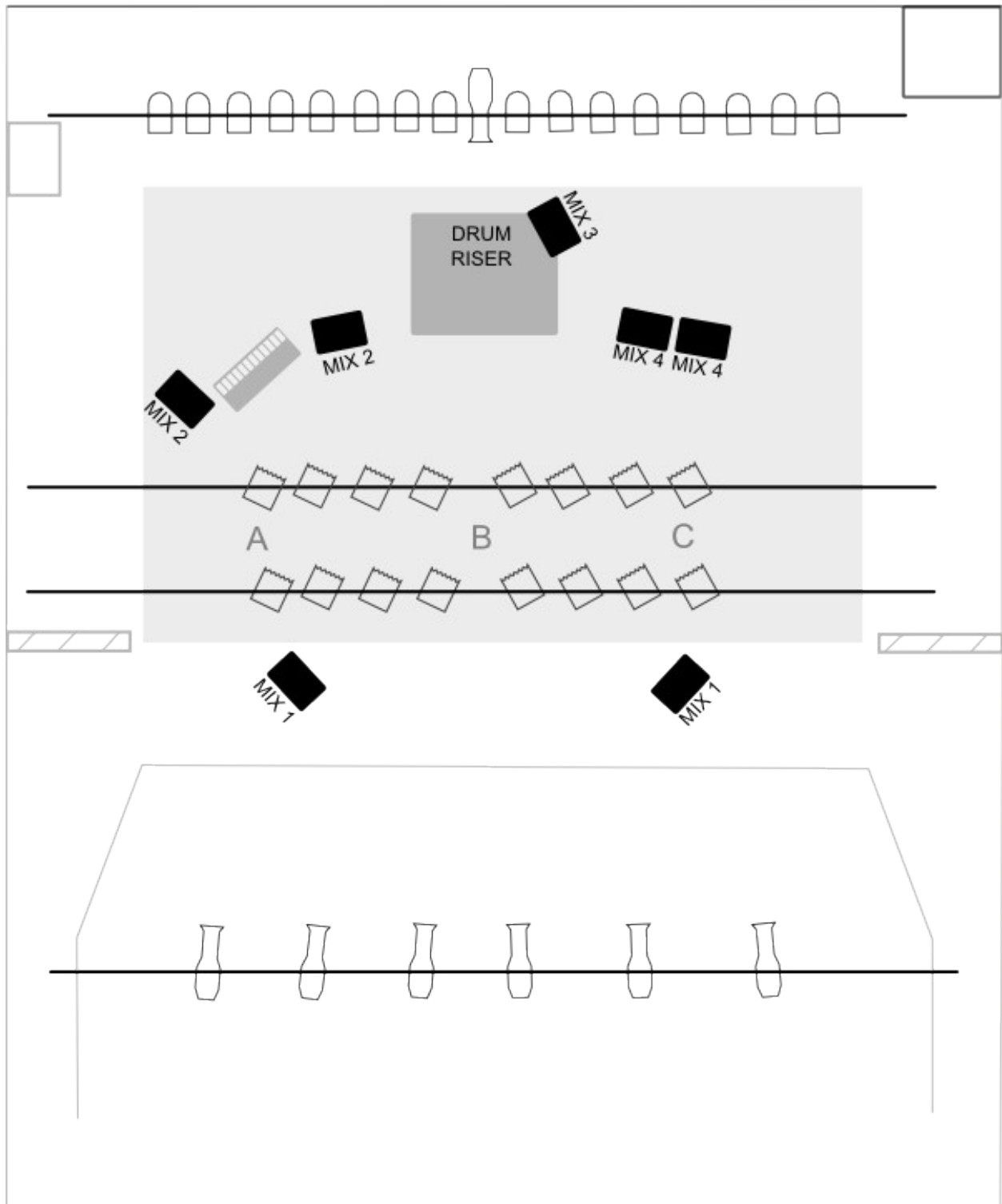
Narrow profile spots to pick out individual band members (keyboard, tin whistle, etc) would be an addition.

BAR 1 (DS):       Fresnels (washes)

BAR 2 (US):       RGBA PAR Cans (red, green, blue, amber) and one profile spot on DS centre (backlight on DSC - important!)

Accessories:       Hazer

# LIGHTING PLAN: KINTRA



<b>Channel</b>	<b>Fixture</b>	<b>Notes</b>
1	Profile	DSR
2	Profile	Centre of DSR
3	Profile	DSC
4	Profile	Centre of DSL
5	Profile	DSL
6	Profile	DSC (backlight)
7		
8		
9		
10		
11		
12		
13	PAR Cans	Red
14	PAR Cans	Green
15	PAR Cans	Blue
16	PAR Cans	Amber
17		
18		
19		
20		
21		
22		
23		
24		
25	PR Pilot 150	Gobo
26	PR Pilot 150	Gobo Rotate Speed
27	PR Pilot 150	Colour
28	PR Pilot 150	Intensity/Strobe
29	PR Pilot 150	Pan
30	PR Pilot 150	Tilt
31		
32		

<b>Cue</b>	<b>Name</b>	<b>Description</b>
	Pre-show	
	Band on-stage	Very dim blue wash light allowing the band to move to their positions
	Opening Set	Profiles on Piper DS, lit from behind and on front
	Opening Set	Chase
	Highland Cathedral	Amber Wash
	Speaking	
	Caledonia	Blue (moving lights blue/cyan)
	Celtic Cottages	Green Wash
	Speaking	
	A New Land	
	Stolen Heart	Magenta Wash (moving lights yellow)
	Jazz Lands	Red Wash
		Chase
	Going Home	Blue (moving lights ?)
	Speaking	
	Dance Band Set	3-4 cues with follow (lots of movement from moving lights)
	Sometime I Wonder	Amber
	Leahy Set	Green
		Chase
	Hills of Argyll	Blue (moving lights white)
	Speaking	
	Band Intros	White
	Sexy Lexy	
	Johann's Jig	
	Will You Go Lassie Go	Blue/Cyan
	Speaking	
	Whiskey in the Jar / 500 Miles	Profile on US bar
	Finale	