

# THE BILLS

## TECHNICAL REQUIREMENTS FOR QUINTET

Prepared by Adrian Dolan • [adrian@thebills.ca](mailto:adrian@thebills.ca) • November 10, 2012

This document describes the equipment necessary to successfully deliver the music and show created in a live performance by The Bills. The band has played in venues of almost every size and description, and embrace every performance space for what it is (and do what they can do to make the sound support work for audience and band). If you have any questions or uncertainty about the requirements specified here, please don't hesitate to contact: [adrian@thebills.ca](mailto:adrian@thebills.ca)

THE FOLLOWING TO BE PROVIDED BY THE PRESENTER:

SOUND:

The Bills will often be travelling with their own sound technician, please ensure than all venue staff is aware of this, and that the local crew is prepared to assist as needed. The Bills' technician will need unlimited access to all sound equipment including all EQs, processing and power amps.

*In instances where The Bills are not travelling with a technician, presenter will be required to provide a professional and competent sound technician, familiar with the system, the venue and with acoustic instruments. Please confirm in advance so a plan can be confirmed.*

A concert-grade PA system, capable of delivering undistorted clean sound and effective coverage to the entire audience.

**SPEAKERS** (Meyer, EAW, L-Acoustics preferred) : 3-way or 4-way main speaker system (bi-amped or tri-amped tops, with subwoofers), plus satellite speakers as needed to cover any extremities of the audience.

Please maintain as much distance as possible between the band of the front speakers, and avoid ground-stacking on the deck of the stage.

**CONSOLES** (Midas, Allen & Heath, APB, Soundcraft): Minimum **24-channel** front of house console with at least 6 pre-fader sends and two post-fader sends (if running monitors from FOH), if a separate monitor console is available, please be prepared to accommodate 7 mixes. Channel EQ should be 4-band with two parametric mids. High-pass filter and phantom power must be available on every channel.

**MONITORS** (Meyer, EAW, L-Acoustics preferred): Please provide 7 (matched if possible) full-range monitor speakers, on separate mixes.

**EQ:** (Klark-Teknik, Ashly, BSS): Please provide 31-band EQs for every audio output including left and right for FOH, satellite speakers, and every monitor mix.

**OUTBOARD:** Please provide two stereo multi-effects processors (Lexicon, TC) capable of providing two discrete reverbs for the FOH mix. Please also provide a minimum of two stereo compressors (Klark, BSS, Drawmer) to insert on a vocal buss and an instrument buss at FOH.

INITIAL: \_\_\_\_\_

**MICROPHONES:** Please provide 5 matched vocal mics (SM58s are fine), one instrument mic for the SOLO position (SM57 preferred), suitable mics for PIANO (if piano is being supplied, plus a vocal at the piano position)

The Bills travel with a rack of wireless receivers for the instruments. These are **Sennheiser "B"** frequency range (UHF 626 - 662 MHz), please ensure that no other wireless equipment is operating in this range.

The wireless are patched just off stage right, a small table is needed to house these, plus **two straight mic stands** for the paddle antennas, and 4 AC plugs.

## LIGHTING

The Bills require a lighting technician and all lighting to be supplied. *Please allow for time to re-focus lights after the band has sound-checked as positioning may change.*

The show contains a lot of spontaneity and excitement, so be prepared for anything, and feel free to get creative!

Suggested :

A main front wash of white

Specials focused on each vocal position, piano position, and SOLO mic position.

Specials washes with blues, reds and violets for moody moments. *Please no greens.*

Please ask the band prior to using fog or haze.

## STAGE REQUIREMENTS / BACKLINE

The Bills have played in all kinds of places, and will certainly fit to any reasonable sized performance space. Ideally, a minimum **stage depth** of 16', and minimum **stage width** of 24'.

When available, please provide a **grand piano** (recently tuned) with an adjustable bench or seat. An **upright piano** is also acceptable, larger the better (48" minimum height). If no acoustic piano is available, the band will go without — *digital pianos/keyboards are not usually a good option.*

Depending on the routing of a tour, a **bass amp** may be required (Gallien-Krueger preferred). ***Please check in advance to confirm.***

Please provide 2 **armless chairs**, 2 **bar stools**, 3 **guitar stands**,

*House crew: please have the stage set as per the attached STAGE PLOT, prior to band's load-in. Please also ensure that all monitor mixes, mics, lines, EQs, and front speakers are functional and free of excessive noise PRIOR to band's load-in.*

*House techs: please have **monitor mixes** preliminarily **tuned** (EQed), and also be prepared for additional monitor EQing upon band's arrival. Please ensure that every monitor send on every channel is OFF prior to commencing sound check.*

*Setup and sound check will be generally led by Adrian Dolan, member of the band, and an experienced sound tech. Adrian is happy to assist as much as desired or needed throughout the process to achieve the best possible sound, on stage and in the house.*

Backstage requirements are outlined in the HOSPITALITY rider.

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## INPUT LIST (QUINTET)

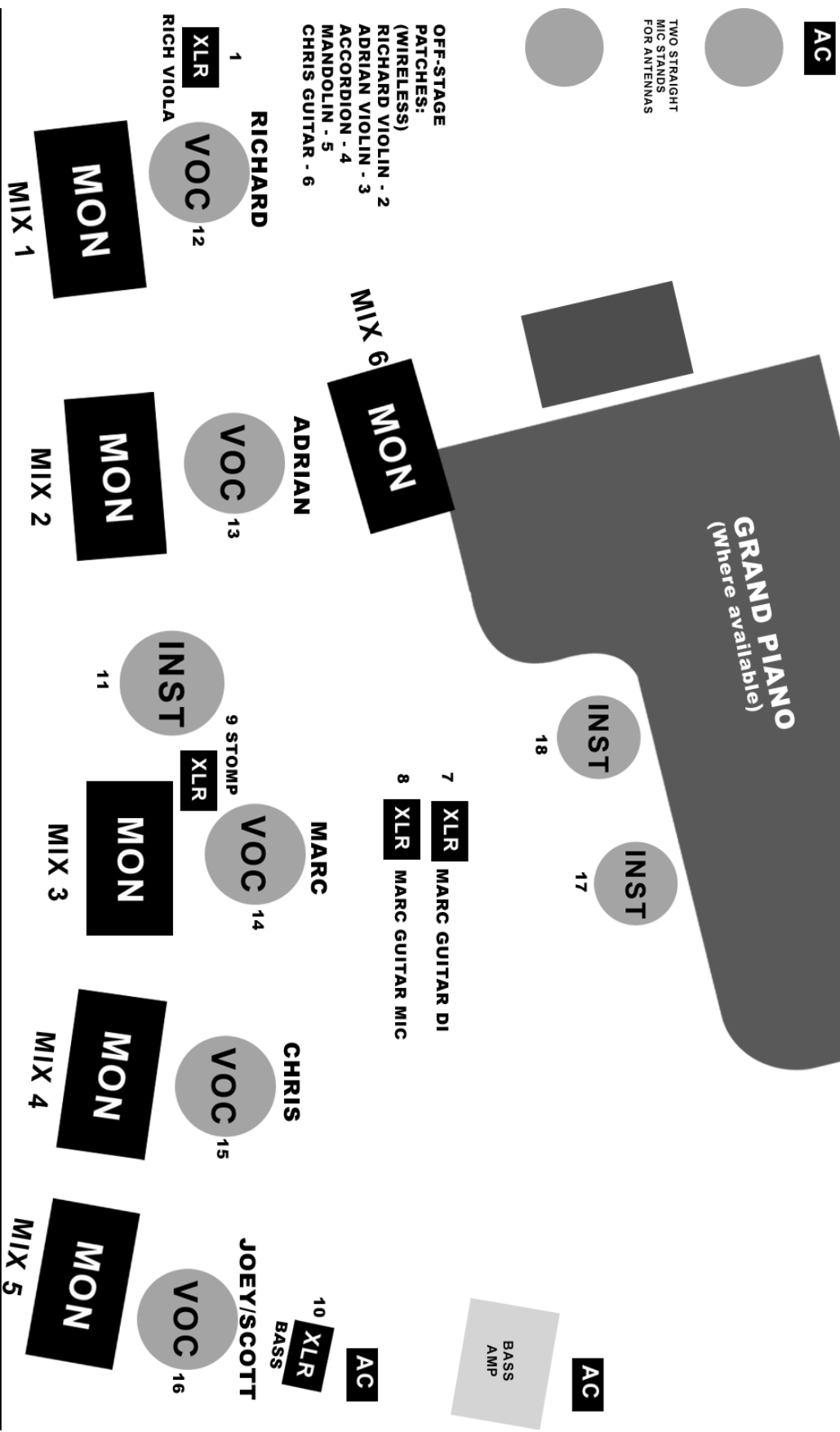
		SOURCE	PHANTOM	PATCH LOC
1	RICHARD VIOLA	XLR	YES	SR
2	RICHARD VIOLIN	Wireless		Offstage SR
3	ADRIAN VIOLIN	Wireless		Offstage SR
4	ADRIAN ACCORDION	Wireless		Offstage SR
5	MARC MANDOLIN	Wireless		Offstage SR
6	CHRIS GUITAR	Wireless		Offstage SR
7	MARC GUITAR DI	Provided by artist	YES	Center (upstage)
8	MARC GUITAR MIC	Provided by artist	YES	Center (upstage)
9	STOMP	DI		Center (downstage)
10	BASS DI	Provided by artist		Center (downstage)
11	SOLO MIC	SM57	YES	Center (downstage)
12	RICHARD VOCAL	SM58		Center (downstage)
13	ADRIAN VOCAL	SM58		Center (downstage)
14	MARC VOCAL	SM58		Center (downstage)
15	CHRIS VOCAL	SM58		Center (downstage)
16	BASS VOCAL	SM58		Center (downstage)
17	PIANO L	Condenser	YES	Center (upstage)
18	PIANO H	Condenser	YES	Center (upstage)
19				
20				
21				
22				

PLEASE SEE ATTACHED PLOT FOR STAGE LAYOUT

# THE BILLS

INITIAL: \_\_\_\_\_

STAGE PLOT (QUINTET)  
 REVISED NOVEMBER 2012  
 PLEASE SEE ATTACHED TECHNICAL  
 REQUIREMENTS FOR FULL RIDER SPECIFICS  
 AND INPUT LIST  
 TECH CONTACT: ADRIAN@THEBILLS.CA



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