

THE BILLS

TECHNICAL REQUIREMENTS

Reduced input setup

Prepared by Adrian Dolan December 12, 2016 • tech contact adrian (at) thebills.ca

THE FOLLOWING TO BE PROVIDED BY THE PRESENTER:

SOUND:

*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.*

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

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

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

MONITORS (Meyer, EAW, L-Acoustics preferred): Please provide 4 (matched) full-range monitor speakers, on separate mixes. If no piano, 3 will suffice.

CONSOLES (Midas, Avid, Digico, Yamaha Digital, Allen & Heath, Soundcraft): Minimum **24-channel** front of house console with at least 3 pre-fader sends and two post-fader sends. Monitors can be mixed from FOH. Channel EQ should be 4-band with two parametric mids. High-pass filter and phantom power must be available on every channel.

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

OUTBOARD: (if analog FOH) Please provide two stereo multi-effects processors (Lexicon, TC) capable of providing two discrete reverbs for the FOH mix.

CABLING: presenter / venue will supply all microphone and speaker cabling.

MICROPHONES / DIs: The Bills will supply **all microphones and DIs**.

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 designer/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 microphone position, and piano position.
- Special washes with blues, reds and violets for moody moments. *Please no greens.*
- Please ask the band prior to using fog or haze.

STAGE / 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'. If possible, please provide an **area rug** for down stage center.

When available, please provided 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 the need***

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

STAGE REQUIREMENT SUMMARY:

- 1 Tall boom stand** for the large-diaphragm (plus 2 additional for **piano**, as needed)
- 1 waist-height boom stand** for the solo mic
- 4 monitors** positioned as per plot
- AC power** for bass amp, and wireless rack
- Area rug positioned downstage center**

BACKLINE SUMMARY:

- Bass amp**
- Grand Piano (where available), adjustable piano bench or seat.**

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.*

INITIAL: _____

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.

INPUT LIST (QUINTET)

		SOURCE	PHANTOM	PATCH LOCATION
1	RICHARD VIOLIN	Wireless		Offstage SR
2	RICHARD MANDOLIN	Wireless		Offstage SR
3	ADRIAN VIOLIN	Wireless		Offstage SR
4	MARC MANDOLIN	Wireless		Offstage SR
5	CHRIS GUITAR	Wireless		Offstage SR
6	MARC GUITAR DI	Provided by artist	48v	USC
7	MARC STOMP BOARD	Provided by artist		DSC
8	BASS DI	Provided by artist		SL
9	SOLO MIC	Provided by artist	48v	DSC
10	VOCAL (Large-diaphragm)	Provided by artist	48v	DSC
11	PIANO LOW (Røde NT5)	Provided by artist	48v	USC
12	PIANO HIGH (Røde NT5)	Provided by artist	48v	USC

PLEASE SEE ATTACHED PLOT FOR STAGE LAYOUT (NEXT PAGE)

