



THE BEATLES #1 HITS

TECHNICAL RIDER

13 pc Show

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The Purchaser agrees to provide the following equipment & services at no cost to the artist:-

TECHNICAL PRODUCTION

The **ONES** Show Production is designed to be executed in Proscenium Theatres with full fly systems. In other venue types, we will work closely with in-house Technical Staff to advance compromise solutions that will serve the overall production.

ONES Technical personnel must be allowed to operate all equipment that is provided by the Purchaser or his Subcontractors.

No other acts will be permitted to use **ONES** stage equipment (ie: drums, amps or the services of the **ONES** crew) without prior consent of the **ONES** Production Manager. The equipment and special effects of any other acts on the same stage will be operated under the supervision or control of **ONES** Production Manager and he shall have the final decision in the placement of any and all equipment on or off the stage.

All equipment & components provided for **ONES** use must be in proper working condition.

The Venue must provide a safe & legal means of reaching Lighting Fixtures & Projectors at their final trim positions for focus &/or maintenance purposes.

****ONES will require full access to the stage for a minimum of five (5) working hours from load-in time until end of sound check.**

SOUND CHECK

ONES requires a full Sound Check which must occur prior to the opening of the house. This may require up to ninety (90) minutes to complete.

AUDIO

ONES supplies rehearsed FOH & Monitor Sound Engineers that will direct the stage setup and perform the sound mix of the show.

REQUIREMENTS FROM VENUE/PURCHASER

We prefer to use the in-house sound system in most venues. Such a system should insure adequate coverage to all seats & be of sufficient power to provide clear, undistorted sound at average levels of 98db. (110db peak). A Line Array System is strongly preferred where appropriate.

In Venues where an SPL limit is strictly enforced, **ONES** Sound Engineer must be provided with a working SPL meter of the same type used for enforcement in order to comply effectively with these limits.

In-House Audio Technician(s) must assist with **FOH** setup & stage patch, as well as assisting the Monitor Mixer during the show.

ONES Sound Engineer to have full control of the sound system at all times.

FOH AND MONITOR CONSOLES

We prefer to use Digital Consoles whenever possible. We will attempt to send Show Files in advance.

The following brands are preferred (in order of preference):

Yamaha, Avid (Digidesign), Midas, Digico, Soundcraft.

In the event that a Digital Console is not available at the FOH position, extra outboard equipment will be required:-

- 1 - Drive Rack c/w 1/3 octave Equalizers for every Mix Output (including Subs, Center Fills, Lip Fills, Under Balcony Fills, etc.
- 1 - Effects Rack c/w 16 ch. of Insertable Compressors
 - 2 - High Quality Reverbs (ie:- Lexicon)
 - 1 - DDL c/w Tap Function (ie:- TC Electronics D2)
 - 2 - Multi Effects Processors (ie:- Yamaha SPX-2000)

FOH AND MONITOR CONSOLES (continued)

ONES generally travels with a Midas M-32 Monitor Console.

An Analog splitter is usually the most fail-safe option, depending on in-house digital audio protocols. This Analog Splitter must be supplied by the Venue/Purchaser.

In the event that a Digital Console is not available at the Monitor Mix position, extra outboard equipment will be required:-

- 1 - Drive Rack c/w 1/3 octave Equalizers to be inserted on every Mix Output
- 1 - High Quality Reverb Unit

Suitable Analog Monitor Mixing Consoles will have 48 Mic inputs with 4 band sweep EQ, minimum of 14 Mix outputs + Monitor/Listen Output. Compact Analog consoles such as Mackie & Presonus are **NOT** acceptable.

Adequate Console & Outboard Rack Lighting is required at both mix positions.

FOH Audio Mix position must be located within the prime audience seating area (eg:- NOT in an enclosed booth or room)

MONITORS: Please refer to Stage Drawing #4E on page 18 for placement & patching details.

- 1. Specialty Compact Monitors: for Strings (**ONES will supply**)
- 2. Wedge Monitors - 6 Wedges on 6 discrete mixes.
- 3. In-Ear Monitor Systems - STEREO - 6 discrete mixes required. (**ONES will supply**)
- 4. Drummer uses wired headphones through his personal compact mixer (**ONES will supply**).
- 5. Monitor System must include a "Listen Wedge" of the same type as those used onstage which must be connected to a Monitor Output on the console which is Post Mix Processing.

MICROPHONES, DI's & Sub Snakes (x 4): (ONES will supply)

- 6 - Sennheiser E935 - Vocals (**ONES will supply**)
- 2 - AKG 414 - Drums & Percussion Overhead
- 1 - AKG D112 - Kick
- 1 - Shure SM 57 - Snare
- 2 - Shure SM-81/AKG-451 - Audience Mics (IEM)
- 5 - Shure PGA-98H - Clip-On Mics - Horns
- 3 - Sennheiser E609 Mics - Guitar Amps
- 1 - Shure SM-57 - Flute
- 3 - ACTIVE DIRECT BOX - Electronic Percussion, Acoustic Guitar, Click Track (Metronome)
- 4 - TRS → XLRM Adaptors for line outputs of String Monitors.(when no XLR line out is available)

MICROPHONE STANDS

- 9 - Standard Mic Stands - with Telescopic Booms (Round Bases preferred)
- 1 - Oversize(heavy) Mic Stand for Drum Overhead with Extended Boom.
- 2 - Short Mic Stands with Short Booms

COMMUNICATION SYSTEM

A 2-channel Clear-Com or equivalent communication system is required for the following Show operating personnel:

- Lighting Operator (A)
- FOH Sound Operator (A+B)
- Video Operator (A+B)
- Monitor Operator (B)
- House Flyman (B)
- Stage Manager (A+B)
- 2 x Followspot Operators (A)

STAGE POWER:

Twelve (12) separate 110v AC quad power outlets are required onstage;
6 across the midstage backline, and 6 across the downstage front line.

LIGHTING

ONES does not carry any lighting production equipment.

ONES travels with a rehearsed Lighting Director who will operate the Lighting for the show.

It is intended that **ONES** use the full house lighting compliment available at every venue, operated and focused by **ONES** Lighting Director with the assistance of the venue Lighting Technician(s).

HAZERS, SPECIALS, 2 x FOLLOW SPOTS AND MOVING LIGHTS are to be provided by the venue.

ONES Lighting Director or Production Manager will typically request a lighting equipment inventory & a line set schedule from the venue well in advance.

If the Lighting operator is situated in a closed booth, a compact Audio Monitor met be supplied with a Program Feed.

REQUIREMENTS FROM VENUE/PURCHASER

An In-House Lighting Technician will be required to assist with the patching & focus of the in-house lighting rig. This Technician must be completely familiar with the lighting rig with respect to patching as well as programming of any intelligent fixtures used for the show.

In-House Lighting Technician must be available & on hand from the beginning of the setup call through to the end of the entire show.

Please refer to the enclosed, Generic Lighting Plot. **ONES** Lighting Director is generally able to work with an existing House Lighting Plan provided that the specific requirements of the show are met.

Where possible, our enclosed Lighting Plot should ideally be pre-hung & patched prior to the arrival of **ONES** Production Personnel. (see encl. Lighting Plot)

Our preferred equipment list is as follows:

- 24 - Elation Pro PAR or similar:- to be evenly spread out on four fly pipes on stage
- 12 - Varilites VL-4000 or similar:- 4 -> Midstage pipe, 4 -> Upstage pipe , 4 -> Upstage Floor
- 8 - ColorForce 7 2or similar:- Upstage CYC
- 4 - ColorForce 48 or similar:- Bell Base Booms (or similar) in Upstage Corners
- 12 - ETC Lekos @ 19° or similar Profile Spot:- FOH
- 12 - ETC Lekos @ 26° or similar Profile Spot:- Onstage
- 2 - D50 Hazers c/w fans
- 2 - Followspots with Operators
- 1 - Grand MA or equivalent lighting console

Substitutions, equivalents & additions are permitted with prior consultation with **ONES** Production Manager.

COLOUR/GEL PREFERENCES: All GAMColor

Onstage Lekos - 104 Broadway Rose 540 Pale Green

FOH Lekos - 325 Bastard Amber

Followspots - 1. 1/4 Magenta
 2. 948 African Violet
 3. 710 Blue Green
 4. 910 Alice Blue
 5. 310 English Rose
 6. 1/2 Magenta

VIDEO

The screen narration projections and sound are an integral part of the **ONES** show.

As **ONES** does not tour with production equipment, the Projector and Screen/CYCLORAMA must be supplied by the venue. We require projections that are fully visible at every sold seating location in the venue.

ONES must be provided with one (1) high powered Video Projector, capable of outputting a minimum of 22,000 ANSI Lumens.

Projector must include the appropriate Lens for mounting position (to be determined during the advance by **ONES** Production Manager & House Technical Director.

N.B.:- Under certain conditions, ONES may supply the main projector

Projector must be configured with a wired Remote for any calibration that may be required after the projector is in position.

Depending on stage dimensions, proscenium width/height, trim heights, audience sight lines & available line sets, this image size may be scaled up or down through a range from 36 to 44 feet wide. (36'W x 20.25'H is ideal)

Alternate: Digital LED screen/wall upstage of the band with a minimum size of 18'H x 32' W x 4mm Pitch(16:9 format).

VIDEO OPERATOR

ONES travels with a rehearsed Video Operator that will perform all cues required for the show.

The projected video for the **ONES** show provides the pre-recorded narration portion of the show. Thus the Video Operator must be located in a place that is able to see the performers and hear the crowd to execute this function properly. A position that is adjacent to either the Sound or Lighting Operator is ideal. (whichever is more convenient for signal routing/connections)

If the Video operator is situated in a closed booth, a compact Audio Monitor met be supplied with a Program Feed.

ONES will provide a MacBook Pro to drive the Projector. This laptop will be loaded with the show. ****HDMI CONNECTION PREFERRED.** A standby MacBook Pro will also be provided.

This connection will typically connect to the projector via HD/SDI conversion to be supplied by the venue/purchaser.

PROJECTION AUDIO

A Digital Audio Converter is supplied by **ONES** to make a connection to the FOH Audio Console from the MacBook Pro. This will require 2 XLR cables & a path to the FOH Audio Console.

STAGING:

RISERS / PLATFORMS -

- 4' x 8' Risers to be non-slip surface and stable without movement.
- A protection kick plate required on rear of top risers to ensure chairs cannot slip off.
- Uniform Black Skirting required on all visible sides.

Platforms with corresponding legs or frames

1. Riser for 4 strings at 8'D x 4'W x 16" high - total = 3 required
configuration required is 12'W x 8'D x 16"H
2. Riser for 3 horns at 8'D x 4'W x 8" high - total = 2 required
configuration required is 8'W x 8'D x 8"H
3. Riser for Drums 8' x 4' x 16" high - total = 2 required
configuration required is 8'W x 8'D x 16"H

STEPS FOR RISERS -

- Steps to be non slip
- Steps to be 8 inch maximum rise

Drum Riser - 16" riser - 1 set - 1 step
String Risers - 16" riser - 1 set - 1 step

FURNITURE

Horn Section

- 3 - Armless, padded chairs required not wider than 18"
- 3 - Manhasset style music stands c/w dimmable **lights**.

String Section

- 4 - Armless, padded chairs required not wider than 18"
- 4 - Manhasset style music stands c/w dimmable **lights**.

HOUSE TECHNICAL PERSONNEL REQUIREMENTS - SUMMARY

Setup/Strike Call:

- 2 - Lighting Technician to assist ONES Lighting Director with Hang, Focus & Patch.
- 2 - Sound Technician to assist ONES Sound Engineer with Stage Patch/Monitors.
- 2 - Video Technician to assist ONES Video Operator with Projector Hang, Focus & Patch.
- 4 - Stage Carpenters/Stagehands to assemble & place Stage Risers, Hang Soft Goods & Position Video Projection Equipment as required.

Show Call:

- 1 - Stage Carpenter/Flyman to operate House Fly System during the Show.
- 2 - Followspot Operators for Show.
- 1 - Lighting Technician to assist & troubleshoot as required.
- 1 - Sound Technician to assist onstage & troubleshoot as required.

**** Lighting & Video Technicians must possess the proper credentials to operate in-house lift (man lift, scissor lift, etc.). Both Technicians should be ready, willing & able to use this lift, if required.**

BACKLINE **Please note: Under certain conditions, ONES may backline equipment.
To be discussed and confirmed with Production Manager/Purchaser Representative.

DRUMS (Vintage 1966 "RINGO Kit") c/w Stool

- 1 - Ludwig Oyster Black Pearl "Super Classic" Kit complete with:
- 1 - Ludwig 22" KICK Ludwig – Classic Oyster Pearl
- 1 - Ludwig 16" FLOOR TOM Ludwig – Classic Oyster Pearl
- 1 - Ludwig 13" RACK TOM Ludwig – Classic Oyster Pearl
- 1 - Ludwig Jazz Festival 14" x 5" SNARE – Classic Oyster Pearl

HARDWARE

- 2 - Pearl BC 830 Cymbal stands w/Uni-lock Tilt boom stand
- 1 - Ludwig Atlas Double Tom Stand
- 1 - Ludwig Atlas Pro Hi-Hat T Stand
- 1 - Ludwig Atlas Pro Snare Stand

PERCUSSION

- 1 - Roland SPD-SX sampling pad with stand
- 1 - LP Bongo Stand LP330 (Adjustable Height)
- 1 - LP Performers Series Bongos 7"/5"
- 1 - Ludwig Acrolite 14" Snare c/w concert style stand
- 1 - Mounted Cowbell c/w kick pedal (Wood Beater)
- 1 - Multi percussion stand
- 1 - Mounted tambourine

GUITARS ELECTRIC (String Gauges TBC)

- 2 - Fender Stratocasters (American Made – 62 Reissue – 1 x Sonic Blue, 1 x "ROCKY Paint Job")
- 1 - Gretsch 6119 Tennessee Rose Burgundy
- 1 - Gretsch White Falcon - White
- 2 - Fender Telecaster (1 x White + 1 x Rosewood – American Made)
- 2 - Gibson SG (Cherry Finish – 64 Reissue c/w Maestro Vibrato)
- 1 - Gibson Les Paul Standard (Wine Red Finish)
- 2 - Rickenbacker 325 C64 (Miami model) Black
- 2 - Rickenbacker 360 - 12 V63 Fireglow
- 2 - Epiphone Casino (1 x Sunburst + 1 x Natural)

GUITARS ACOUSTIC

- 2 - Gibson J160E Sunburst
- 1 - Gibson Songwriter Acoustic 12 String
- 1 - Epiphone Texan Aged Blonde

AMPLIFIERS & SPEAKER CABINETS

- 3 - VOX AC 30 Handwired series (combo or head/speaker)
c/w 2 x 12" British Celestion Blue speakers
- 1 - MarkBass CMD 102P combo Bass Amplifier

KEYBOARDS

- 1 - Roland Jupiter 80 - 76 Keys
- 1 - Roland DP-10 Sustain Pedal TRS W/ Switch
- 1 - Scissor Stand - Single (must reach standing height)

SOUND SCREENS

- 2 - Plexiglass folding style (ie:- Clearsonic) –each 60" to 72" high x 8' to 10' long

KICK PEDALS

- 1 - DW 9000 Single Kick
- 1 - Yamaha Single Kick Chain FP8500C
- 1 - Double Chain Bass Drum Pedal

CYMBALS

- 1 - Zildjian 18" Medium Crash
- 1 - Zildjian 20" K Sweet Crash K Series
- 1 - Zildjian 15" Avedis Hi-Hats

PERCUSSION (cont)

- 1 - Loose tambourine
- 2 - Cymbal 17" w/ Pearl BC 830 Uni-lock Boom Stand
- 1 - Wood Block
- 1 - Set of Maracas
- 1 - Set of Assorted shakers
- 1 - Standard "Percussion Table" c/w Stick Holder
(Pouch Style)

BASS

- 1 - Rickenbacker 4001S Fireglow
- 1 - Hofner 500 Violin Bass - Sunburst
- (NO CONTEMPORARY OR IGNITE MODELS)

GUITAR PEDAL BOARDS

- 2 - Helix LT c/w Peterson tuners, Hum Debugger & UHF RF Wireless Systems
- 1 - Custom Pedalboard for Bass c/w Peterson tuner, Hum Debugger, Jensen 2000 DI & UHF RF System
- 1 - Custom Pedalboard c/w Peterson tuner, Passive Volume Pedal, Fender Pugilist Pedal, Hum Debugger & UHF RF Wireless System.

ELECTRIC STRINGS (c/w Bows, Resin, etc)

- 2 - Bravura EVA White Electric Violins (or similar)
- 1 - Bravura EVA White Electric Viola (or similar)
- 1 - Bravura EVA White Electric Cello (or similar)

Please include all applicable cables & accessories.