

# 노들섬 라이브하우스 무대기술자료

V.251014

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## 1. 주요 시설 현황

▣ 총 객석 수 : Standing : 708 석 / Seating : 456 석 (휠체어석 포함)

▷ 1 층 : Standing : 584 석 / Seating : 328 석 (휠체어석 4 석)

▷ 2 층 : 116 석(Fixed) (휠체어석 8 석)

### ▣ 무대제원

▷ 프로시니엄사이즈 : 15.5m(W) x 7.25m(H)

▷ 무대 깊이 : 11.4m

▷ 무대 단 높이: 1m

▷ 측무대 사이즈

① 하수 프로시니엄에서 하수 벽면 : 11.4m

② 상수 프로시니엄에서 상수 벽면 : 11.4m

### ▣ Batten 제원

▷ Ceiling Light Batten (1~4)

① 길이 : 15m

② 수량 : 4EA(Ligth)

③ 속도 : UP-DN 9m/min

④ LIVE ROAD : 300Kg

⑤ Driving Type : Wheel Disc Type

▷ **Placard Batten (1)**

- ① 길이 : 11m
- ② 수량 : 1EA(Floor)
- ③ 속도 : UP-DN 9m/min
- ④ LIVE ROAD : 100Kg
- ⑤ Driving Type : Screw Drum Type

▷ **Set Batten (1)**

- ① 길이 : 15m
- ② 수량 : 1EA(Floor)
- ③ 속도 : UP-DN 9m/min
- ④ LIVE ROAD : 600Kg
- ⑤ Driving Type : Screw Drum Type

▷ **Set Batten (2)**

- ① 길이 : 15m
- ② 수량 : 1EA(Floor)
- ③ 속도 : UP-DN 9m/min
- ④ LIVE ROAD : 1,000Kg
- ⑤ Driving Type : Screw Drum Type

▷ **Chain Hoist Light Truss(1~4)**

- ① 길이 : 15m
- ② 수량 : 4EA(Stage)
- ③ 속도 : UP-DN 8m/min
- ④ LIVE ROAD : 1,000Kg
- ⑤ Driving Type : Winch Type

■ **Loading Dock**

- ▷ 반입구 : 3700mm(W) x 2850mm(H)

## 2. 무대 장비 현황

### ▣ 무대막

- ▷ 메인막 : 8m(W) x 8.5m(H) - 2EA(Black)
- ▷ 다리막 : 4m(W) x 8.5m(H) - 8EA(Black)
- ▷ 머리막 : 1.5m(W) x 15m(H) - 1EA(Black)

### ▣ 무대 작업용 고소 사다리

- ▷ 높 이 : MAX 8.91m (작업 가능 높이 10.8m)
- ▷ 수 량 : 1EA
- ▷ LIVE ROAD : 340Kg
- ▷ Driving Type : Chain Link Type

### ▣ 무대 덧마루

- ① 덧마루 : (2000(W)\*1000(D)/ 단위 mm) 12EA
- ② 다리 : 200(H) 16EA  
400(H) 16EA  
600(H) 61EA  
800(H) 20EA  
1000(H) 20EA
- ③ 바퀴 : 300(H) 16EA

### ▣ 계단

- ① 계단1 (무대 상하수 위치) : (900(W)\*1200(L)\*800(H)/ 단위 mm) 2EA

② 계단2 (3층 창고 위치) : (1220(W)\*1200(L)\*800(H)/ 단위 mm) 1EA

③ 계단3 (2단) : (600(W)\*600(L)\*550(H)/ 단위 mm) 1EA

3. 조명 인프라 현황

▣Electric Power

▷ Main Power : 3 phase 4 wire system, 380V - 220V, 60Hz

\*POWER&DMX

| ITEM          |         | TYPE | Q'TY                         | 비고      |
|---------------|---------|------|------------------------------|---------|
| 무대하부          | 상수분전반   | C    | 앞 RD43 RD44      뒤 RD47 RD48 | DMX14   |
|               | 하수분전반   | C    | 앞 RD43 RD44      뒤 RD47 RD48 | DMX13   |
| 무대상부          | HOIST 1 | SOCA | RD 1~6                       | DMX 1,2 |
|               | HOIST 2 | SOCA | RD 7~12                      | DMX 3,4 |
|               | HOIST 3 | SOCA | RD 13~18                     | DMX 5,6 |
|               | HOIST 4 | SOCA | RD 19~24                     | DMX 7,8 |
|               | SET 1   |      |                              | -       |
|               | SET 2   |      |                              | -       |
| CEILING LIGHT | CL 1    | C    | RD 25~28                     | DMX 9   |
|               | CL 2    | C    | RD 29~32                     | DMX 10  |
|               | CL 3    | C    | RD 33~36                     | DMX 11  |
|               | CL 4    | C    | RD 37~38                     | DMX 12  |

#### 4. 조명장비현황

| 품명                        | 제조사         | 모델명                | 수량(개) | ₩            | 비고                                              |
|---------------------------|-------------|--------------------|-------|--------------|-------------------------------------------------|
| CONSOLE                   | MA Lighting | Grand MA2 light    | 1     | ~            | MA3 NPU<br>PROCESSING(grandMA3)<br>by 8port_사용중 |
|                           |             | MA ON PC           | 1     | ~            |                                                 |
| LED FRESNAL LIGHT         | PROLIGHTS   | ECLPSE FRESNEL TU  | 18    | <u>260</u>   |                                                 |
| LED ELLIPSOID<br>LIGHT    |             | ECLIPSEHD2 26도     | 11    | <u>230</u>   |                                                 |
|                           |             | ECLIPSEHD2 36도     | 15    | <u>230</u>   |                                                 |
| LAMP_MOVING<br>SPOT LIGHT | ROBE        | MEGAPOINT          | 18    | <u>470</u>   | SPARE_6대                                        |
| LED_MOVING WASH<br>LIGHT  | PROLIGHTS   | TARK1000           | 22    | <u>620</u>   | SPARE_2대(B/G소자 이상)                              |
| LED_PAR LIGHT             |             | VERSAPAR           | 24    | <u>121</u>   |                                                 |
| STROBE LIGHT              | SGM         | Q2                 | 6     | <u>200</u>   |                                                 |
| BLINDER LIGHT             | ELATION     | CUEPIX BLINDER WW4 | 6     | <u>500</u>   |                                                 |
| FOG MACHINE               | LFA SERIES  | LFAT2 (WATER BASE) | 3     | <u>1,500</u> | 워터포그액_별도 청구                                     |
| FOLLOW PIN SPOT           | ROBE        | BMFL ROBO SPOT     | 2     | <u>1,700</u> |                                                 |

\*포그액 사용시 단체준비 (LFA-1AL/6AL)

\*조명기 사용시 사전 협의 후 제공

\*팔로우 스팟 사용시 사전 협의 후 제공

## 5. 음향 인프라 및 장비 현황

Nodeul Livehouse - MAIN STAGE Audio Equipments List / Last Update 25.10.14.

### ■ Electric Power System Operation and Planning

:: 175A MCCB / 380V three-phase four-wire system per each single phase 220V/60Hz

| Sort                                   | Model                  | Quantity | Manufacturer     |
|----------------------------------------|------------------------|----------|------------------|
| <b>▶ SPEAKER &amp; POWER AMPLIFIER</b> |                        |          |                  |
| MAIN SPEAKER                           | VTX A12                | 14       | JBL Professional |
| SUB WOOFER                             | VTX G28                | 6        | JBL Professional |
| FRONT FILL                             | F12                    | 4        | JBL Professional |
| MONITOR SPEAKER                        | VTX M20                | 8        | JBL Professional |
| MONITOR SPEAKER                        | MAX2 monitor           | 8        | d&b audiotechnik |
| POWER AMPLIFIER                        | I-Tech 4x3500HD        | 15       | Crown Audio      |
| POWER AMPLIFIER                        | D80 amplifier          | 2        | d&b audiotechnik |
| <b>▶ MIXING CONSOLE</b>                |                        |          |                  |
| AUDIO MIXING CONSOLE                   | S6L-24C                | 1        | AVID             |
| ENGINE                                 | E6L-112                | 1        | AVID             |
| STAGE I/O RACK                         | Stage64                | 1        | AVID             |
| AUDIO MIXING CONSOLE                   | M32 LIVE               | 1        | MIDAS            |
| AUDIO MIXER                            | PRO 8FX                | 1        | MACKIE           |
| PASSIVE SPLITER                        | LINE SPLITER           | 1        |                  |
| <b>▶ WIRELESS Rx/Tx SYSTEM</b>         |                        |          |                  |
| WIRELESS Rx SYSTEM                     | ULXD4Q                 | 2 (8ch)  | Shure            |
| WIRELESS Rx SYSTEM                     | ULXD4D                 | 1 (2ch)  | Shure            |
| WIRELESS Tx SYSTEM                     | ULXD2 HANDHELD /BETA58 | 4        | Shure            |
| WIRELESS Tx SYSTEM                     | ULXD2 HANDHELD         | 4        | Shure            |

|                             |                       |   |       |
|-----------------------------|-----------------------|---|-------|
|                             | <b>/BETA87</b>        |   |       |
| WIRELESS Tx SYSTEM          | <b>ULXD1 BELTPACK</b> | 8 | Shure |
| Antenna Distribution System | <b>UA844SWB-K</b>     | 1 | Shure |
| Active Directional Antenna  | <b>UA874X</b>         | 2 | Shure |

▶ **WIRELESS IEM SYSTEM**

|                        |                 |    |       |
|------------------------|-----------------|----|-------|
| WIRELESS IEM Rx SYSTEM | <b>P9R+</b>     | 8  | Shure |
| WIRELESS IEM Tx SYSTEM | <b>P9T</b>      | 6  | Shure |
| Antenna Combiner       | <b>PA421B</b>   | 1  | Shure |
| Directional Antenna    | <b>PA805SWB</b> | 1  | Shure |
| EARPHONE               | <b>SE215</b>    | 10 | Shure |

▶ **PERSONAL MONITOR SYSTEM**

|                      |                       |   |           |
|----------------------|-----------------------|---|-----------|
| PERSONAL MIXER       | <b>P16-M</b>          | 8 | Behringer |
| ULTRANET DISTRIBUTOR | <b>P16-D</b>          | 1 | Behringer |
| INPUT MODULE         | <b>P16-I</b>          | 1 | Behringer |
|                      | <b>6.3 TO 3.5 연장선</b> | 5 |           |

▶ **MICRPHONES**

|             |                   |    |            |
|-------------|-------------------|----|------------|
| MICROPHONES | <b>C414XKII</b>   | 2  | AKG        |
|             | <b>C451B</b>      | 6  | AKG        |
|             | <b>e904</b>       | 10 | Sennheiser |
|             | <b>BETA91</b>     | 2  | Shure      |
|             | <b>BETA52A</b>    | 2  | Shure      |
|             | <b>SM57</b>       | 10 | Shure      |
|             | <b>SM58</b>       | 10 | Shure      |
|             | <b>BETA98 H/C</b> | 4  | Shure      |
|             | <b>WB98H/C-X</b>  | 4  | Shure      |
|             | <b>WL184</b>      | 1  | Shure      |

|                                         |                                |        |               |
|-----------------------------------------|--------------------------------|--------|---------------|
|                                         | 4099 Touring Kit (ROCK KIT)    | 1      | DPA           |
|                                         | 4099 Touring Kit (CLASSIC KIT) | 2      | DPA           |
| ▶ DIRECT INJECTION BOX                  |                                |        |               |
| Active DI Box                           | AR133                          | 6      | BSS           |
| Stereo Passive DI Box                   | PRO D2                         | 5      | RADIAL        |
| ▶ EFFECTOR PROCESSOR                    |                                |        |               |
| Digital Effector Processor              | PCM81                          | 1      | LEXICON       |
| ▶ DESKTOP PC                            |                                |        |               |
| Desktop for Performance Manager Control | Mac mini /MRTT2KH/A            | 1      | APPLE         |
| ▶ INTERCOM SYSTEM                       |                                |        |               |
| INTERCOM SYSTEM                         | MS-702 (유선스테이션)                | 1      | CLEAR-COM     |
|                                         | RS-701 (유선)                    | 8      | CLEAR-COM     |
|                                         | RS-703 (유선)                    | 1      | CLEAR-COM     |
|                                         | BS-410 (무선스테이션)                | 1      | CLEAR-COM     |
|                                         | BP-410 (무선)                    | 4      | CLEAR-COM     |
| ▶ STAND                                 |                                |        |               |
| MICROPHONE STAND                        | LONG                           | 17     | König & Meyer |
|                                         | MIDDLE                         | 8      | König & Meyer |
|                                         | SHORT                          | 4      | König & Meyer |
|                                         | I TYPE                         | 2      | König & Meyer |
| ▶ MISC.                                 |                                |        |               |
| SPEAKER                                 | B205D                          | 4      | Behringer     |
| ▶ VIDEO                                 |                                |        |               |
| VIDEO OPTIC                             | OM3 10G 광점퍼코드, 멀티모드            | 8 Core |               |

## 6. 악기 장비 현황

Nodeul Livehouse - MAIN STAGE Instruments List / Last Update 25.10.14

■ Electric Power System Operation and Planning  
:: AVR 5Kwatt single phase 220V/60Hz

| Sort        | Model                 | Quantity | Manufacturer |
|-------------|-----------------------|----------|--------------|
| ▶ DRUM      |                       |          |              |
| DRUM SET    | 22" BASS DRUM         | 1        | YAMAHA       |
|             | 14" SNARE DRUM        | 1        | YAMAHA       |
|             | 10" TOM               | 1        | YAMAHA       |
|             | 12" TOM               | 1        | YAMAHA       |
|             | 14" TOM               | 1        | YAMAHA       |
|             | 16" TOM               | 1        | YAMAHA       |
|             | YAMAHA KICK PEDAL     | 1        | YAMAHA       |
|             | YAMAHA SNARE STAND    | 1        | YAMAHA       |
|             | YAMAHA HI HAT STAND   | 1        | YAMAHA       |
|             | YAMAHA CYMBAL STAND   | 5        | YAMAHA       |
| KICK PEDAL  | DW 9000 KICK PEDAL    | 1        | DW           |
| SNARE STAND | SNARE STAND           | 1        | UNKNOWN      |
| CYMBALS     | ZILDJIAN A CUSTOM 14" | 1        | ZILDJIAN     |
| CYMBALS     | SABIAN AAX 10"        | 1        | SABIAN       |
| CYMBALS     | SABIAN AAX 16"        | 2        | SABIAN       |
| CYMBALS     | SABIAN AAX 18"        | 1        | SABIAN       |
| CYMBALS     | SABIAN HHX 18"        | 1        | SABIAN       |
| CYMBALS     | SABIAN AAX 20"        | 1        | SABIAN       |

|                                 |                                |    |           |
|---------------------------------|--------------------------------|----|-----------|
| <b>► BASS</b>                   |                                |    |           |
| BASS                            | AMPEG SVT 4-PRO                | 1  | AMPEG     |
| BASS CABINET                    | AMPEG SVT-610HLF CABINET       | 1  | AMPEG     |
| TUNER                           | KORG RACK TUNER                | 1  | KORG      |
| <b>► GUITAR</b>                 |                                |    |           |
| GUITAR AMP HEAD                 | MARSHALL JCM2000 DSL           | 1  | MARSHALL  |
| GUITAR AMP HEAD                 | MARSHALL JVM410H               | 1  | MARSHALL  |
| GUITAR CABINET                  | MARSHALL 1960AX CABINET        | 2  | MARSHALL  |
| GUITAR AMP                      | FENDER TWIN REVERB             | 1  | FENDER    |
| GUITAR AMP                      | AER COMFACT 60                 | 1  | AER       |
| <b>► KEYBOARD</b>               |                                |    |           |
| SYNTHESIZER                     | YAMAHA S90ES                   | 1  | YAMAHA    |
| SYNTHESIZER                     | YAMAHA MONTAGE7                | 1  | YAMAHA    |
| SYNTHESIZER                     | YAMAHA MOTIF XS7               | 1  | YAMAHA    |
| SYNTHESIZER                     | NORD STAGE 3                   | 1  | NORD      |
| <b>► STAND</b>                  |                                |    |           |
| KEYBOARD STAND                  | PROEL EL 260 KEYBOARD STAND    | 2  | PROEL     |
| KEYBOARD STAND                  | QUIKLOCK X-TYPE KEYBOARD STAND | 2  | QUIKLOCK  |
| GUITAR STAND                    | HERCULESS GUITAR STAND         | 10 | HERCULESS |
| MUSIC STAND                     | PROEL MUSIC STAND              | 10 | PROEL     |
| <b>► VOLUME / SUSTAIN PEDAL</b> |                                |    |           |
| VOLUME PEDAL                    | BOSS FV500L VOLUME PEDAL       | 5  | BOSS      |
| VOLUME PEDAL                    | KORG XVP-20                    | 5  | KORG      |
| SUSTAIN PEDAL                   | Sustain pedal                  | 3  | Shimro    |
| <b>► MISC.</b>                  |                                |    |           |
| MUSIC LIGHT                     | MUSIC LIGHT                    | 11 |           |

|           |                       |    |           |
|-----------|-----------------------|----|-----------|
| TABLE     | LP Aspire TRAP TABLE  | 3  | LP        |
| THRONE    | Gibraltar DRUM THRONE | 2  | Gibraltar |
| THRONE    | DRUM THRONE           | 1  |           |
| POWER TAP | 220V 6HOLE MULTI TAP  | 13 |           |
| AVR       | CUSTOM AVR 5KW        | 1  |           |

\*음향, 악기 사용은 사전 협의 후 제공