

MIAMIBEACH

PLANNING DEPARTMENT

City of Miami Beach, 1700 Convention Center Drive, Miami Beach, Florida 33139
Tel: (305) 673-7550, Fax: (305) 673-7559

April 30, 2024

The Upper Deck LLC c/o Mr. James Rauh, Esq. ("Applicant")

James.Rauh@gmlaw.com

Greenspoon Marder, LLP
600 Brickell Avenue, Suite 3600
Miami, Florida 33131

Subject: **Request for Administrative Zoning Interpretation**
605 Lincoln Road
Miami Beach, Florida
Folio No. 02-3234-168-0001

Dear Mr. Rauh,

This letter is in response to the attached request for a zoning determination for the roof deck portion of the property at 605 Lincoln Road (the "Property"). The Property is currently zoned **CD-3, Commercial, High Intensity District**, under the City's Land Development Regulations ("LDRs") and has a future land use designation of **High Intensity Commercial (CD-3)**, under the City's 2040 Comprehensive Plan.

You have requested a formal determination regarding the following:

"Upper Deck requests your Administrative Zoning Interpretation (your "Interpretation") that the BTR and CO, together with the supporting documents incorporated therein by reference, permit an event at the Premises to include live or recorded music at levels permitted by Conditions No. 3 & 5 under the BTR by utilizing (i) a Disc Jockey ("DJ") for "the selection of program material" pursuant to BTR Condition No. 6 and/or (ii) a live performance, including without limitation, musical instruments played by a person or persons (e.g. a band) pursuant to BTR Condition No. 3, so long as such means to provide music otherwise comply with the collective BTR conditions."

To this end, the conditions listed below were included in the approval of a building permit that changed the use of the premises from a studio hall to a hall for hire on May 9, 2013 (Permit No. B1202641). These conditions were also included in subsequent Certificates of Use and Business Tax Receipts (BTRs) issued for the premises; the most recent BTR was renewed on October 30, 2023.

Conditions included in the CU and BTR for the hall for hire at 605 Lincoln Road:

1. *Commercial use of the rooftop terrace shall cease at 12:00 A.M., except as permitted through any special event permit.*
2. *Any outdoor bar counter shall cease operation at 12:00 A.M., except as permitted through any special event permit.*
3. *Live or amplified music played at entertainment levels shall be prohibited and all music played at the establishment shall be limited to ambient, background music at a level that does not interfere with normal conversation, except as permitted through any special event permit.*
4. *Only the installed and approved speakers shall be used to play music on the rooftop. Any additional portable sound system, speaker and/or amplifiers are prohibited.*
5. *The maximum long-term sound system levels shall be limited to 78.7 dBA as calibrated by The Audio Bug, Inc. on April 26, 2012 (see attached report).*
6. *User access at the rooftop shall be restricted to the selection of program material and manual reduction only of system maximum levels.*
7. *The centralized, computer controlled digital signal processor for the rooftop sound system shall remain located in unit 270 of the building, with all controls under lock and key and access via password security. Only system installers and programmers shall have access to the full complement of controls and adjustments, ensuring compliance with the stated standard of the attached report.*
8. *The maximum occupancy load of the rooftop shall not exceed 249 persons, except as permitted through any special event permit.*

No business operator on the Property has been issued a Certificate of Use or BTR for "entertainment" as defined in Chapter 1 of the Land Development Regulations of the City Code (LDRs); therefore, entertainment is not an approved use for the Property. The definition of "entertainment" excludes recorded background music played at an ambient volume level, which is a level that does not interfere with normal conversation. Accordingly, the above noted conditions indicate that recorded music is permitted at the premises, provided such music is played at an ambient, background level that does not interfere with normal conversation.

The above noted conditions would, potentially, allow for certain types of "entertainment" (i.e. live performances, including a disc jockey (DJ), as well as music played at entertainment level), but such entertainment could only be approved on a case-by-case basis through the issuance of a special event permit (SEP). See Condition 3, above.

A Certificate of Use or BTR for outdoor entertainment could potentially be approved on the Property subject to conditional use approval from the Planning Board. However, as of the date of this letter, the Applicant has neither requested nor obtained approval for "entertainment." Based on the foregoing, (i) live music or any other live performance, including but not limited to a disc jockey (DJ), or (ii) any music, whether live or recorded, that is played at a volume level exceeding ambient, background levels, would not be permitted on the premises.

In accordance with Section 2.9.1 of the LDRs, this administrative determination will be published on the City's website for a period of at least 30 days. An eligible party, as defined in Section 2.9.2.(b) of the LDRs, shall have up to 30 days from the posting on the web page to appeal this administrative determination.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Tom Mooney', with a long horizontal flourish extending to the right.

Thomas R. Mooney, AICP
Planning Director

October 26, 2023

Thomas Mooney
Director, Planning Department
City of Miami Beach, Florida
1700 Convention Center Drive, 2nd Floor
Miami Beach, Florida 33139

Re: Request for Administrative Zoning Interpretation for 605 Lincoln Road, Miami Beach, Florida 33139

Dear Mr. Mooney:

Our Law Firm represents The Upper Deck, LLC (“Upper Deck”), the operator of the roof-top “Hall for Hire” at 605 Lincoln Road, Miami Beach, Florida 33139 (the “Premises”). Upper Deck is seeking your Administrative Zoning Interpretation that, pursuant to its Certificate of Use & Business Tax Receipt (“BTR”) and Certificate of Occupancy (“CO”), together with the supporting documents incorporated therein by reference, an event at the Premises may include live or recorded music at levels permitted by Conditions No. 3 & 5 under the BTR by utilizing (i) a Disc Jockey (“DJ”) for “the selection of program material” pursuant to BTR Condition No. 6 and/or (ii) a live performance, including without limitation, musical instruments played by a person or persons

(e.g. a band) pursuant to BTR Condition No. 3, so long as such means to provide music otherwise comply with the collective BTR conditions.

In 2012, as part of the process to change the use at the Premises from “Studio” to “Hall for Hire,” the City and Upper Deck agreed to eight (8) conditions, which are recited in the Planning Department’s review/approval comments to Upper Deck’s Building Permit application for the CO and on the face of Upper Deck’s BTR, each for the Hall for Hire, copies of which are attached hereto.

Among those conditions are:

3. Live or amplified music played at entertainment levels shall be prohibited and all music at the establishment shall be limited to ambient background music that does not interfere with normal conversation, except as permitted through any special event permit.

and

5. The maximum long-term sound levels shall be limited to 78.7 dBA as calibrated by the Audio Bug, Inc. on April 26, 2012. (both the Certificate of Use and Building Application indicate the Audio Bug report as attached thereto)

and

6. User access at the rooftop shall be restricted to the selection of program materials and manual reduction of system maximum levels.

We also specifically draw your attention to Page 14 of the Sound System Calibration report issued by The Audio Bug, Inc. on April 26, 2012 (the “Sound

Study”) and incorporated into the Planning Department’s BTR & CO review/approval comments by reference, titled “Local Entertainment System,” which specifically references “LIGHTING CONTROL, SOUND CONTROL, IPOD DOCK, DJ SETUP RECEIVER AND PATCH CONNECTION.” Together with the BTR Conditions, those indications recited on the face of the documents approved by the Planning Department clearly contemplate events held at the “Hall” will utilize (i) a Disc Jockey (“DJ”) for “the selection of program material” pursuant to BTR Condition No. 6 and/or (ii) a live performance, including without limitation, musical instruments played by a person or persons (e.g. a band) pursuant to BTR Condition No. 3, so long as such means to provide music otherwise comply with the collective BTR conditions. That same interpretation is also consistent with the City’s longstanding position that other venues used as halls to hire out for events, such as hotel ballrooms, require no additional approvals or licensure to utilize DJ’s or live performances, i.e. providing music and performances through those means is inherent in the hall use itself.

Based on the foregoing, Upper Deck requests your Administrative Zoning Interpretation (your “Interpretation”) that the BTR and CO, together with the supporting documents incorporated therein by reference, permit an event at the Premises to include live or recorded music at levels permitted by Conditions No. 3 & 5 under the BTR by utilizing (i) a Disc Jockey (“DJ”) for “the selection of

program material” pursuant to BTR Condition No. 6 and/or (ii) a live performance, including without limitation, musical instruments played by a person or persons (e.g. a band) pursuant to BTR Condition No. 3, so long as such means to provide music otherwise comply with the collective BTR conditions.

It is submitted that the requested Interpretation is also consistent with Sec. 142-1361, Code of City of Miami Beach, which specifically excludes “background music, amplified or nonamplified, played at a volume that does not interfere with normal conversation” from the definition of “Entertainment.” Furthermore, the requested Interpretation also conforms to the 2013 opinions of then Acting Planning Director Richard Lorber and then City Attorney Gary Held, and attached hereto in support thereof is a copy of a letter between Mr. Lorber and the Law Offices of Steve Polisar.

Very Respectfully Submitted,

/s/ James E. Rauh
James E. Rauh, Esquire
For the Firm

Enclosures as stated

CITY OF MIAMI BEACH
CERTIFICATE OF USE, ANNUAL FIRE FEE, AND BUSINESS TAX RECEIPT

1700 Convention Center Drive
Miami Beach, Florida 33139-1819

TRADE NAME: THE UPPER DECK, LLC
DBA: THE UPPER DECK, LLC

LICENSE NUMBER: RL-10005119
Beginning: 10/01/2022
Expires: 09/30/2023
Parcel No: 0232341680470

IN CARE OF:
ADDRESS: 605 Lincoln Rd, Apt 800
MIAMI BEACH, FL 33139-2900

TRADE ADDRESS: 605 Lincoln Rd, Apt 800

A penalty is imposed for failure to keep this Business Tax Receipt exhibited conspicuously at your place of business.

Code	Business Type
95021500	HALL FOR HIRE

A Business Tax Receipt issued under this article does not waive or supersede other City laws, does not constitute City approval of a particular business activity and does not excuse the licensee from all other laws applicable to the licensee's business.

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This Receipt may be transferred:

- A. Within 30 days of a bonafide sale, otherwise a complete annual payment is due.
- B. To another location within the City if proper approvals and the Receipt are obtained prior to opening of the new location.

Additional Information

Conditions as proffered by the applicant:

1. Commercial use of the rooftop terrace shall cease at 12:00 A.M., except as permitted through any special event permit.
2. Any outdoor bar counter shall cease operation at 12:00 A.M., except as permitted through any special event permit.
3. Live or amplified music played at entertainment levels shall be prohibited and all music played at the establishment shall be limited to ambient, background music at a level that does not interfere with normal conversation, except as permitted through any special event permit.
4. Only the installed and approved speakers shall be used to play music on the rooftop. Any additional portable sound system, speaker and/or amplifiers are prohibited.
5. The maximum long-term sound system levels shall be limited to 78.7 dBA as calibrated by The Audio Bug, Inc. on April 26, 2012 (see attached report).
6. User access at the rooftop shall be restricted to the selection of program material and manual reduction only of system maximum levels.
7. The centralized, computer controlled digital signal processor for the rooftop sound system shall remain located in unit 270 of the building, with all controls under lock and key and access via password security. Only system installers and programmers shall have access to the full complement of controls and adjustments, ensuring compliance with the stated standard of the attached report.
8. The maximum occupancy load of the rooftop shall not exceed 249 persons, except as permitted through any special event permit.

Storage Locations

Permit Manager

Welcome to Miami Beach, Florida



City of Miami Beach Building Department

Detail

[Info](#)

[Status](#)

Case / Application / Permit Number Type / Classification	B1202641 BUILD ALTRMD: Alteration/Remodeling
Address	BLDG: Building 605 LINCOLN RD Miami Beach, FL 33139
Parcel Number	32341680120
File Date	2013-02-26
Status	FINAL
Status Date	N/A
Valuation	\$1.00
Fees	\$1,284.83
Payments	\$1,284.83
Balance	\$0.00
Description	#270 / Change of use from studio to hall for hire. No work to be done.

[View Map](#) (Click the "Back" button on the browser to return to Permit Manager.)

Contacts

Name	THE NARSHA GROUP,LLC
Business Relationship	N/A CONTRACTOR
Phone	N/A
Name	ARCHITECT NOT APPLICABLE
Business Relationship	N/A ARCHITECT
Phone	N/A
Name	ENGINEER NOT APPLICABLE
Business Relationship	N/A ENGINEER
Phone	N/A
Name	THE NARSHA GROUP,LLC
Business Relationship	N/A APPLICANT
Phone	N/A
Name	THE UPPER DECK LLC
Business Relationship	N/A OWNER
Phone	N/A

[New Search](#)

1: Zoning Section for B1202641

Task	Historical
Assign Date	5/9/2012
Due Date	5/9/2012
Status Date	5/9/2012
Status Time	12:00:00AM
Status	INFO: INFO=Information
Record By	PLANLORR
Assign To	rgl
Comment	Conditions as proffered by the applicant: 1. Commercial use of the rooftop terrace shall cease at 12:00 A.M., except as permitted through any special event permit. 2. Any outdoor bar counter shall cease operation at 12:00 A.M., except as permitted through any special event permit. 3. Live or amplified music played at entertainment levels shall be prohibited and all music played at the establishment shall be limited to ambient, background music at a level that does not interfere with normal conversation, except as permitted through any special event permit. 4. Only the installed and approved speakers shall be used to play music on the rooftop. Any additional portable sound system, speaker and/or amplifiers are prohibited. 5. The maximum long-term sound system levels shall be limited to 78.7 dBA as calibrated by The Audio Bug, Inc. on April 26, 2012 (see attached report). 6. User access at the rooftop shall be restricted to the selection of program material and manual reduction only of system maximum levels. 7. The centralized, computer controlled digital signal processor for the rooftop sound system shall remain located in unit 270 of the building, with all controls under lock and key and access via password security. Only system installers and programmers shall have access to the full complement of controls and adjustments, ensuring compliance with the stated standard of the attached report. 8. The maximum occupancy load of the rooftop shall not exceed 249 persons, except as permitted through any special event permit.

THE AUDIO BUG, INC.

3800 HILLCREST DRIVE, # 102 • HOLLYWOOD, FL 33021 • PHONE: 954-983-2788 • FAX: 954-983-2789 • audiobug1@aol.com

April 26, 2012

Richard G. Lorber, Director
City of Miami Beach Planning Department
1700 Convention Center Drive, 2nd Floor
Miami Beach, FL 33139
Phone: (305) 673-7550, Fax: (786) 394-4799

Reference: Sound System Calibration
SKYDECK MIAMI - Sound System Calibration
605 Lincoln Road, Suite 270 & 800 Rooftop
Miami Beach FL 33139
Phone: 305-672-5010, Mobile: 305-608-9839
E-mail: alain@skydeckmiami.com

Dear Mr. Lorber,

I was recently contacted by Mr. Alain Zenatti of SkyDeck Miami with a request that I conduct a calibration of the rooftop sound system at the above referenced establishment. In preparation for this work, I requested a set of design documents which were provided by the system integrator, Harbour Marine Systems, Inc. A copy of these documents is included with my report below.

SkyDeck Miami is located on the rooftop of the former Sony Building at the northeast intersection of Lincoln Road and Pennsylvania Avenue. It is surrounded on all four sides by commercial properties. The closest residential properties are located south of Lincoln Lane South, a line-of-sight distance of 300 feet from the rooftop facility. This is confirmed by the aerial photograph in Figure 1 below. Three hundred feet represents an acoustical attenuation of approximately 36 decibels (dB).

Although the system design was generated by HMS, Inc., it is consistent with those which I have customarily specified for outdoor music systems on Miami Beach. The entire electronics package, signal sources, system processing equipment and amplifiers, are located in Suite 270, the SkyDeck office. Access to all controls is limited to the owners. A single control located on the rooftop allows music levels to be reduced only from the maximum level established during the calibration process.

The loudspeakers are small devices incapable of producing significant low frequency (bass) energy. In this case, Electro-Voice EVID 6.2 and EVID 3.2 speakers were installed under the canopy located in the center of the rooftop deck. The larger EVID 6.2 devices are pointed into the center of the covered area while the smaller EVID 3.2 units face outward and down toward the floor. This arrangement effectively limits the propagation of acoustical energy, keeping it primarily on the rooftop. The attached photos taken during the calibration process indicate their relative locations and orientations.

The calibration was carried out the morning of Monday, April 23, 2012. Mr. Michael Stone of HMS, Inc., was present to assist in adjusting the BSS Audio Soundweb London BLU-16 digital signal processor (DSP) to



THE AUDIO BUG, INC.

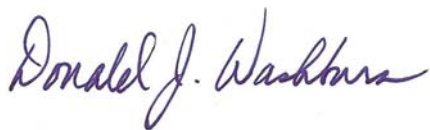
3800 HILLCREST DRIVE, # 102 • HOLLYWOOD, FL 33021 • PHONE: 954-983-2788 • FAX: 954-983-2789 • audiobug1@aol.com

optimize the system's performance. Music program material typical of that played on the system was used to establish a maximum sound pressure level (SPL) appropriate to the venue. The DSP was adjusted and locked to prevent any future increases in levels. The level established is indicated in Figure 2 below, which shows sound levels integrated over a three minute sampling period. Both A Weighted (LeqA = 78.7 dB) and C Weighted (LeqC = 83.4 dB) sound levels are indicated. The digital signal processor was set to limit sound levels to these maximums to ensure that music from the rooftop will not impact the distant residential properties. Indeed, calculations indicate that music levels at this distance would be well below nighttime ambient noises levels typically experienced in this part of Miami Beach.

With these constraints placed on the sound system, Mr. Stone and I both remarked that conversation was not impeded in any way. We were both able to converse without raising our voices to compete with the music. Mr. Zenatti, who was present throughout the process, agreed that the sound level was consistent with his vision of how the facility is intended to be operated.

In summary, it is my professional opinion that the music system, as now adjusted and calibrated, will not adversely impact neighboring residential properties at any time, nor will it present an violation of the current Noise Ordinance of the City of Miami Beach. I welcome any questions you or your staff may have and look forward to assisting you with this property when and as necessary.

Respectfully submitted,



Donald J. Washburn
President



SkyDeck Rooftop Hall For Rent 605 Lincoln Road, 33139, Miami Beach, Florida



Figure 1 - Line-of-Sight distance between Rooftop facility and alley

SkyDeck Rooftop Hall For Rent
605 Lincoln Road, 33139, Miami Beach, Florida

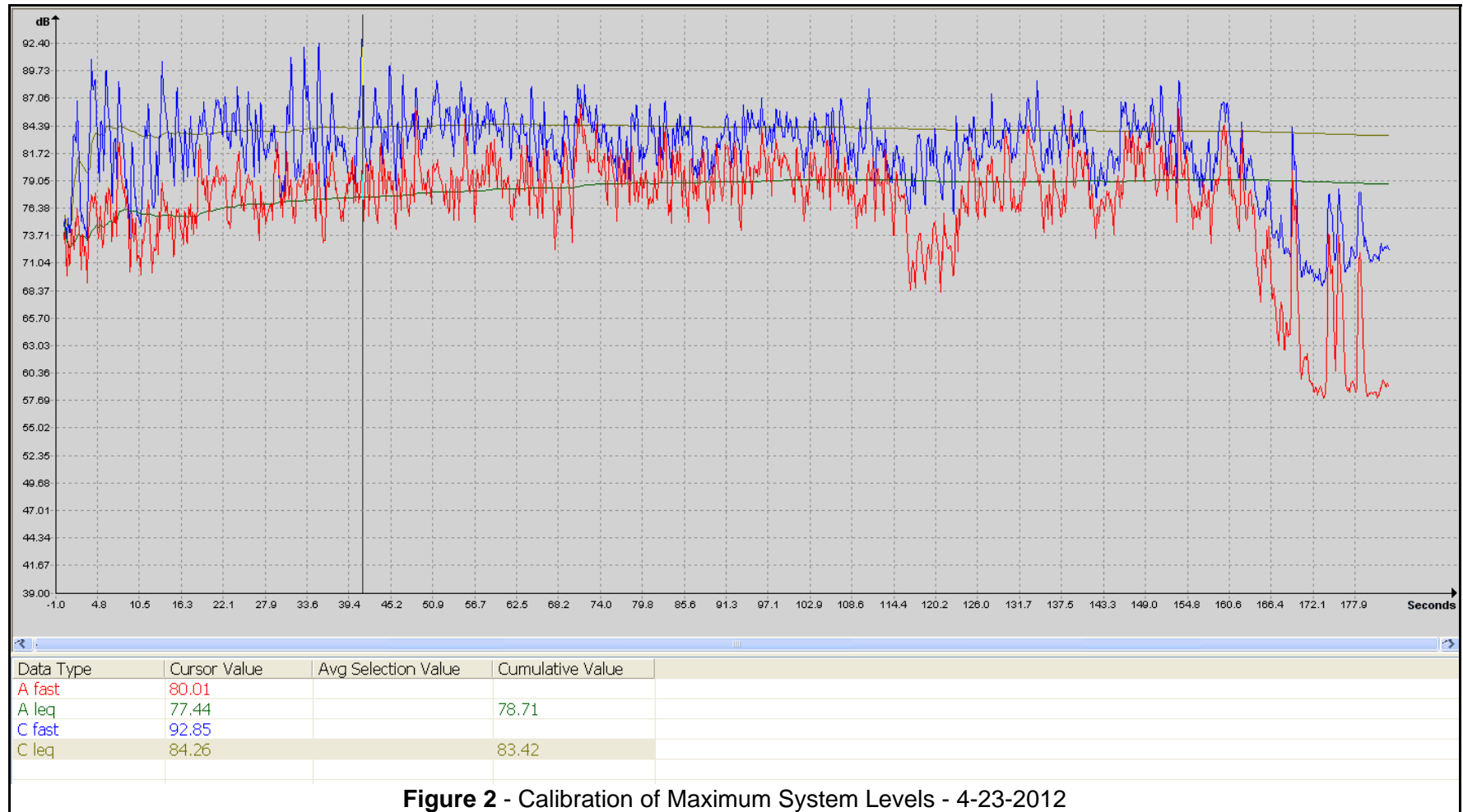


Figure 2 - Calibration of Maximum System Levels - 4-23-2012



SkyDeck Rooftop Hall For Rent
605 Lincoln Road, 33139, Miami Beach, Florida

Site photographs - 4/23/2012



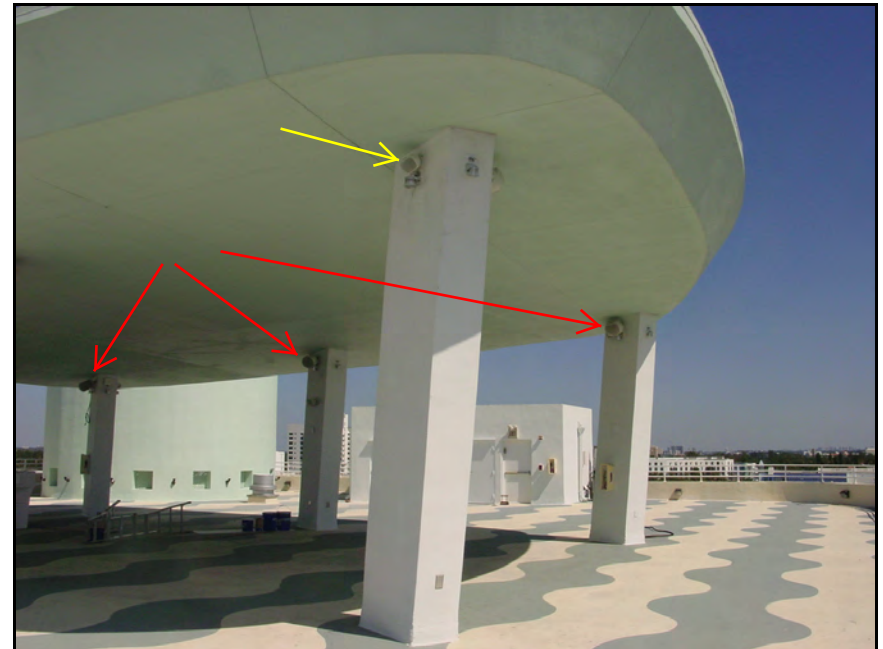
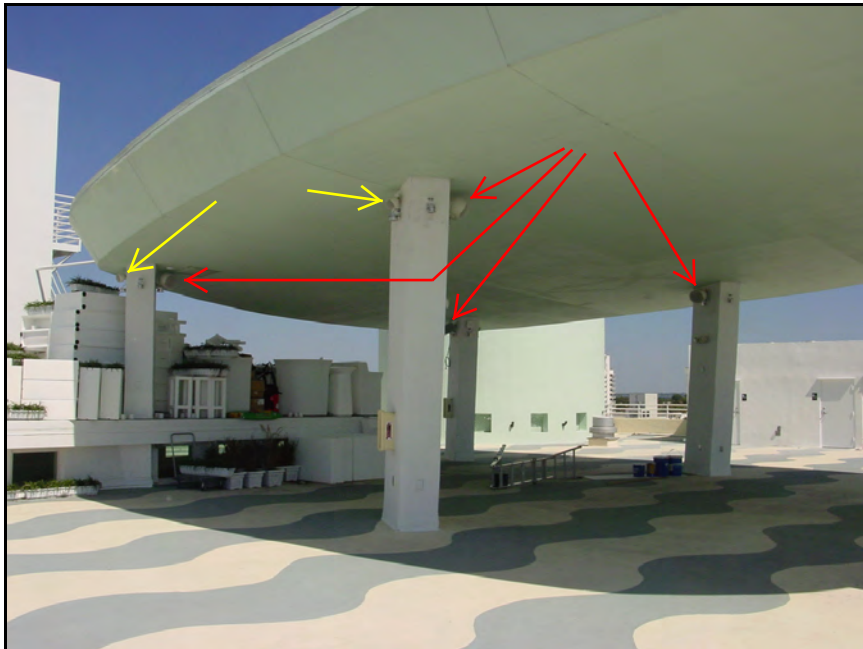
SkyDeck Rooftop Hall For Rent
605 Lincoln Road, 33139, Miami Beach, Florida

Site photographs - 4/23/2012



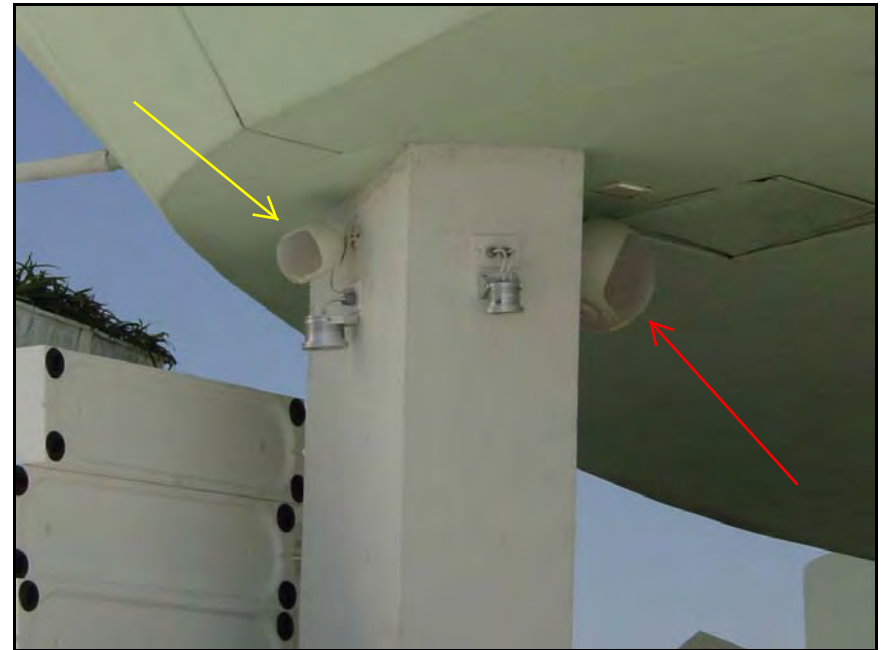
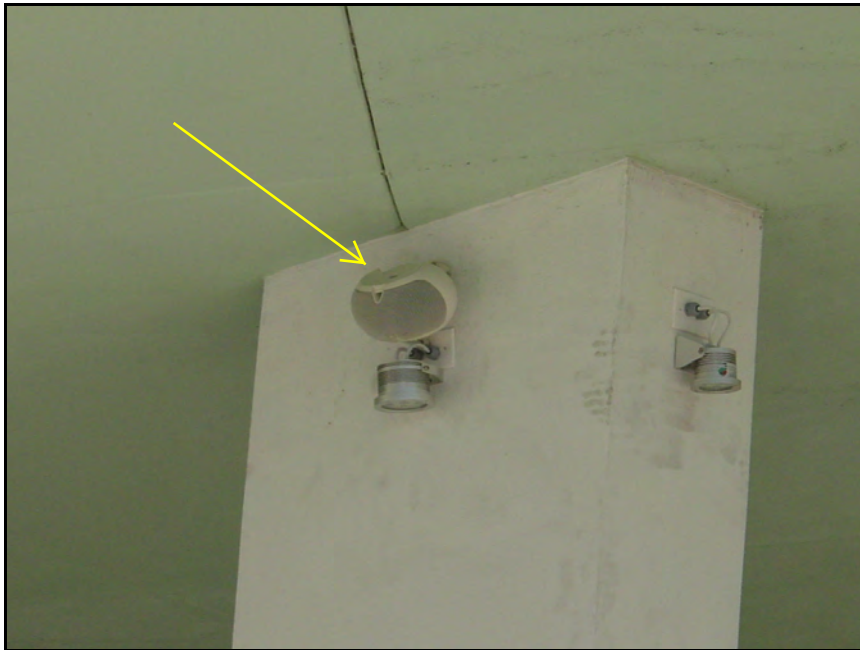
SkyDeck Rooftop Hall For Rent
605 Lincoln Road, 33139, Miami Beach, Florida

Site photographs - 4/23/2012



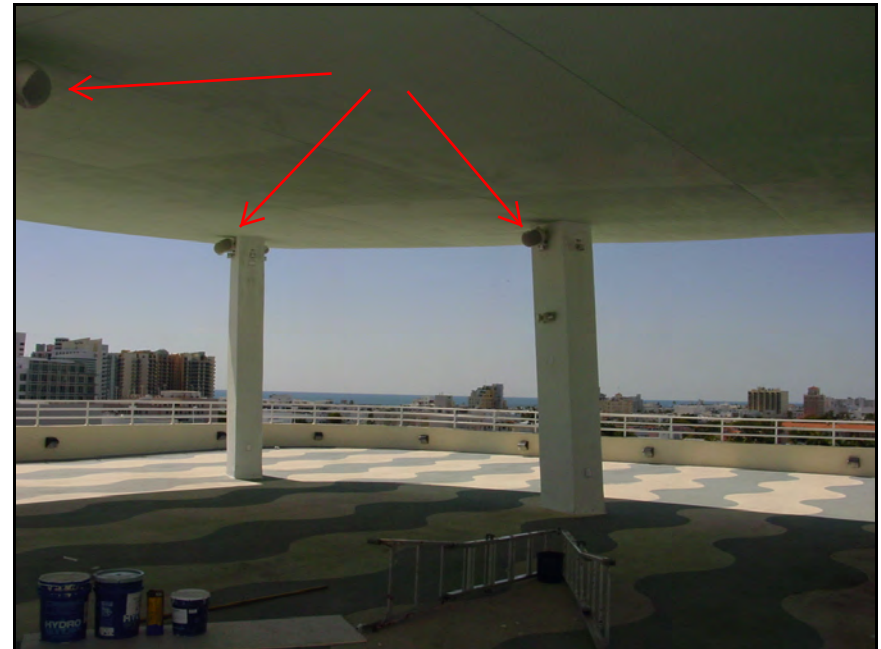
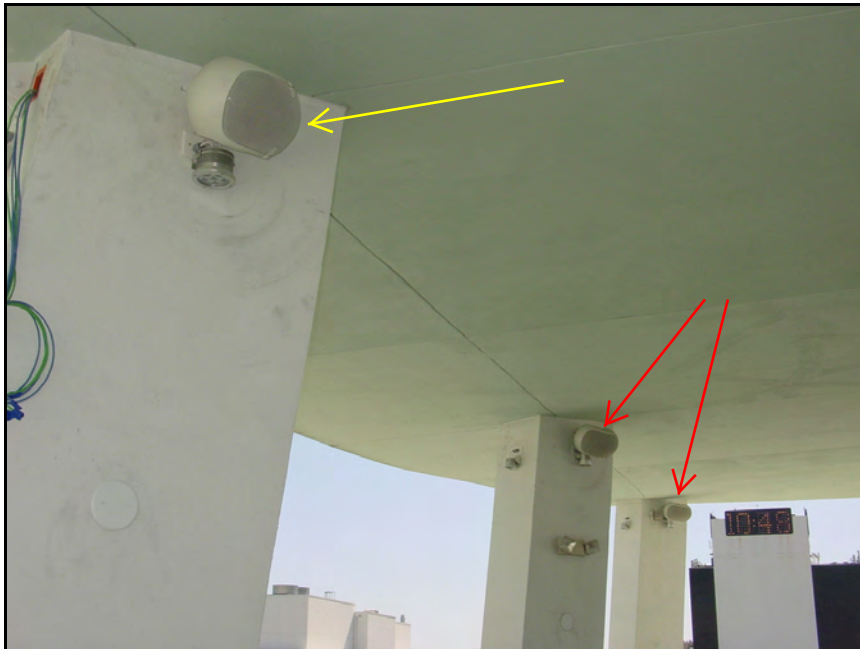
SkyDeck Rooftop Hall For Rent 605 Lincoln Road, 33139, Miami Beach, Florida

Site photographs - 4/23/2012



SkyDeck Rooftop Hall For Rent 605 Lincoln Road, 33139, Miami Beach, Florida

Site photographs - 4/23/2012





HARBOUR MARINE SYSTEMS, INC.



2011 NW 89th Pl
Doral, FL. 33172
Off (786) 718-1600
Fax (305) 471-4839



MIAMI PARIS ST. NAZAIRE MONACO VENICE MONFALCONE GENOA HELSINKI

<http://www.hmsgroup.com>

LOCAL ENTERTAINMENT SYSTEM SOUND AND LIGHT TECHNICAL PACKAGE

Prepared for SKYDECK
605 Lincoln Road
33139, Miami Beach, Florida



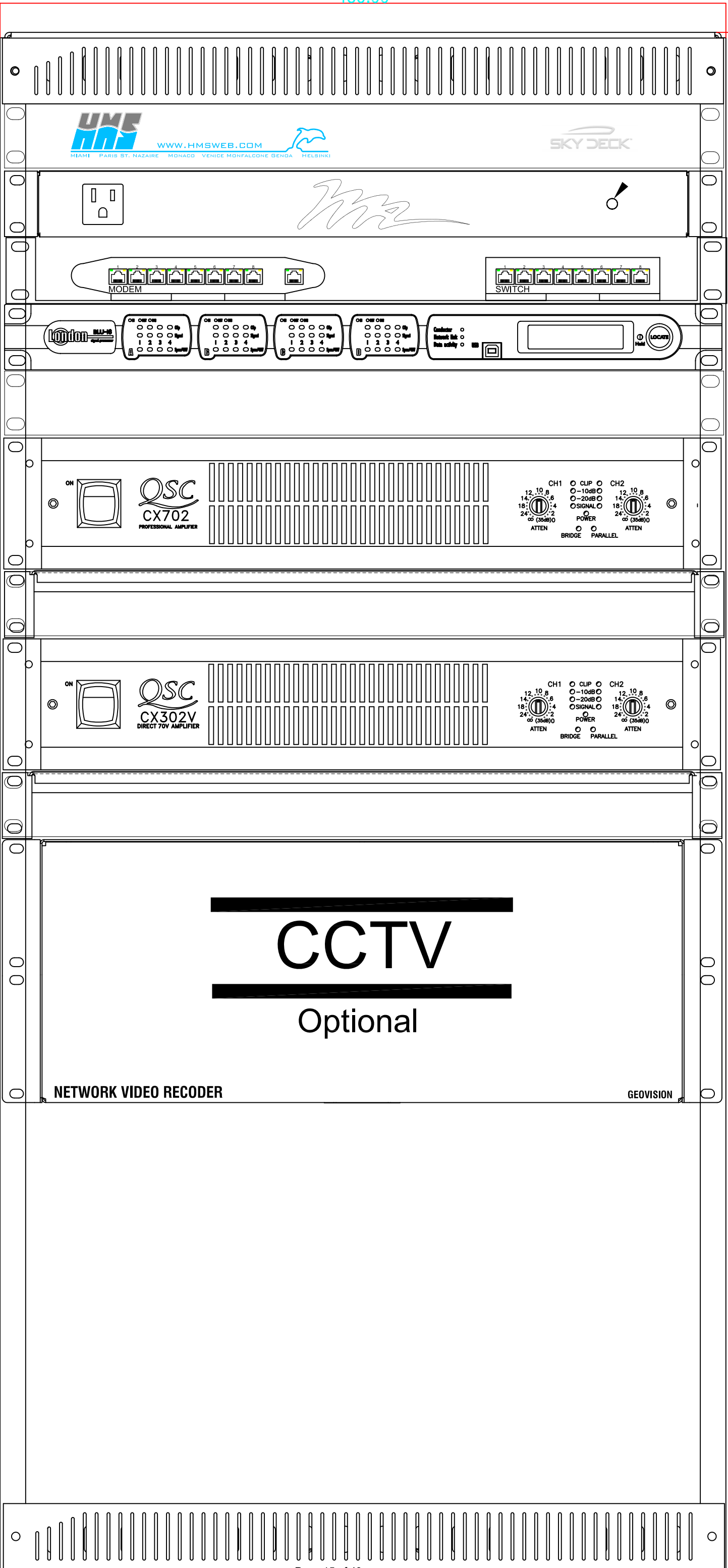
SKY DECK™

- 001 - RACK LAYOUT
- 002 - SOUND SYSTEM WIRING
- 003 - EXTERNAL CONTROL BOX LAYOUT
- 004 - COLUMN LIGHTING
- 005 - SPEAKER PLACEMENT
- EQUIPEMENT DATASHEET

LOCAL ENTERTAINMENT SYSTEM	REV	DATE			MODIFICATION			LL	
	A-1	03	01	12			DRAFT.	APPROVAL	
	TITLE:			SKYDECK 605 LINCOLN ROAD COVER PAGE			FOR SUBMISSION	File N°	
	DATE:			03/01/12			Dwg. No.	Sheet	Rev.
							001	00	A-1

486.00

1029.00



HARBOUR MARINE SYSTEMS, INC.
 3011 NW 88th Pl
 Doral, FL 33172
 OF: (786) 718-1000
 FAX: (305) 471-4889
<http://www.hmsgroup.com>

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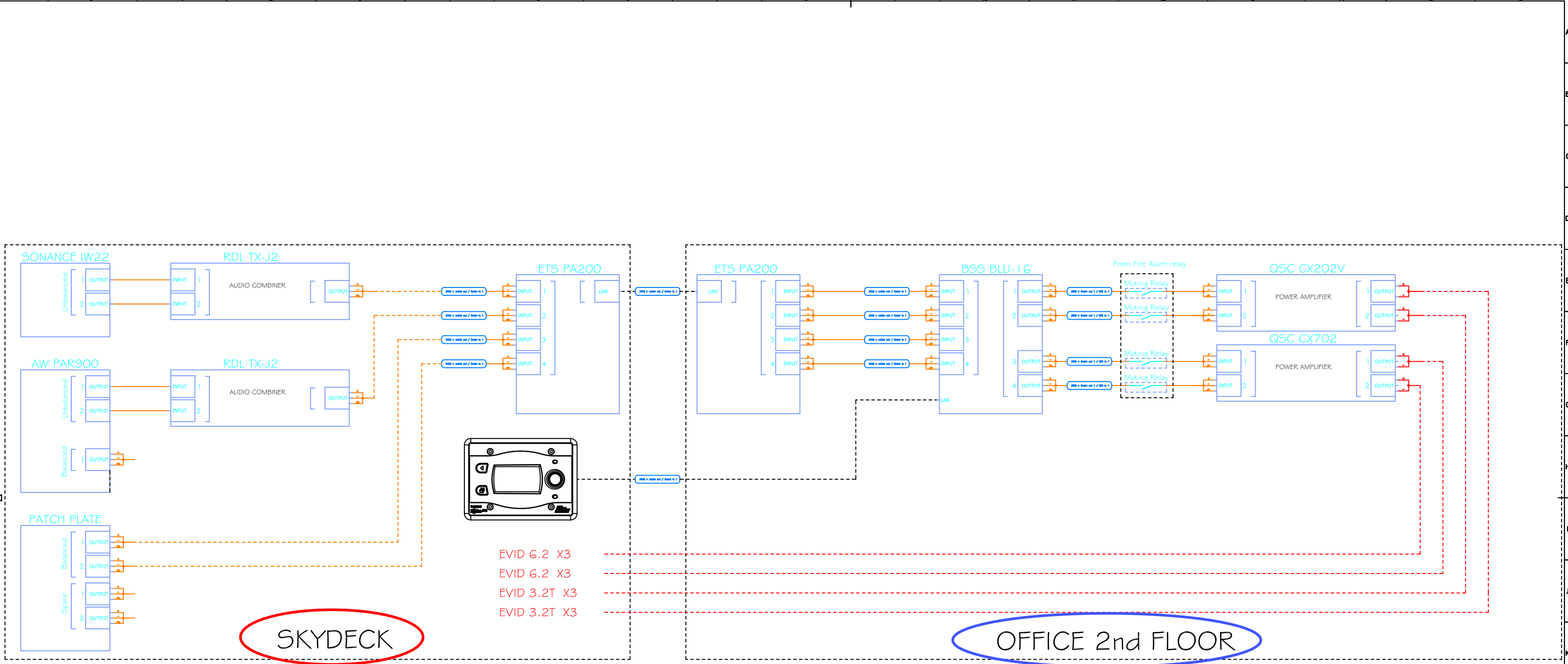
LOCAL ENTERTAINMENT SYSTEM

REV	DATE	MODIFICATION	LL	APPROVAL
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TITLE: SKYDECK
 605 LINCOLN ROAD
 RACK LAYOUT

DATE: 03/01/12
FOR SUBMISSION

Dwg. No.	File N°
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	Rev.
	A-1

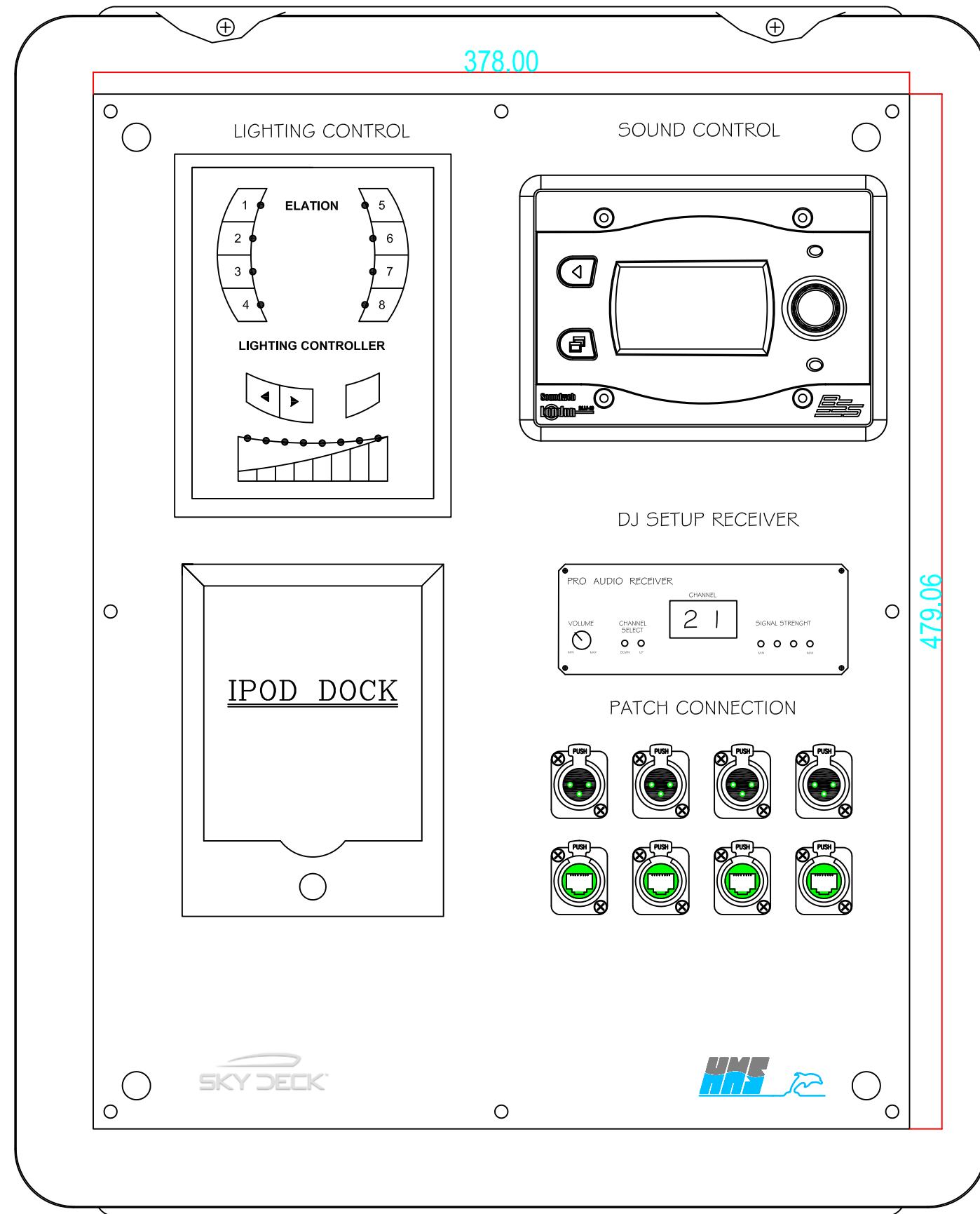


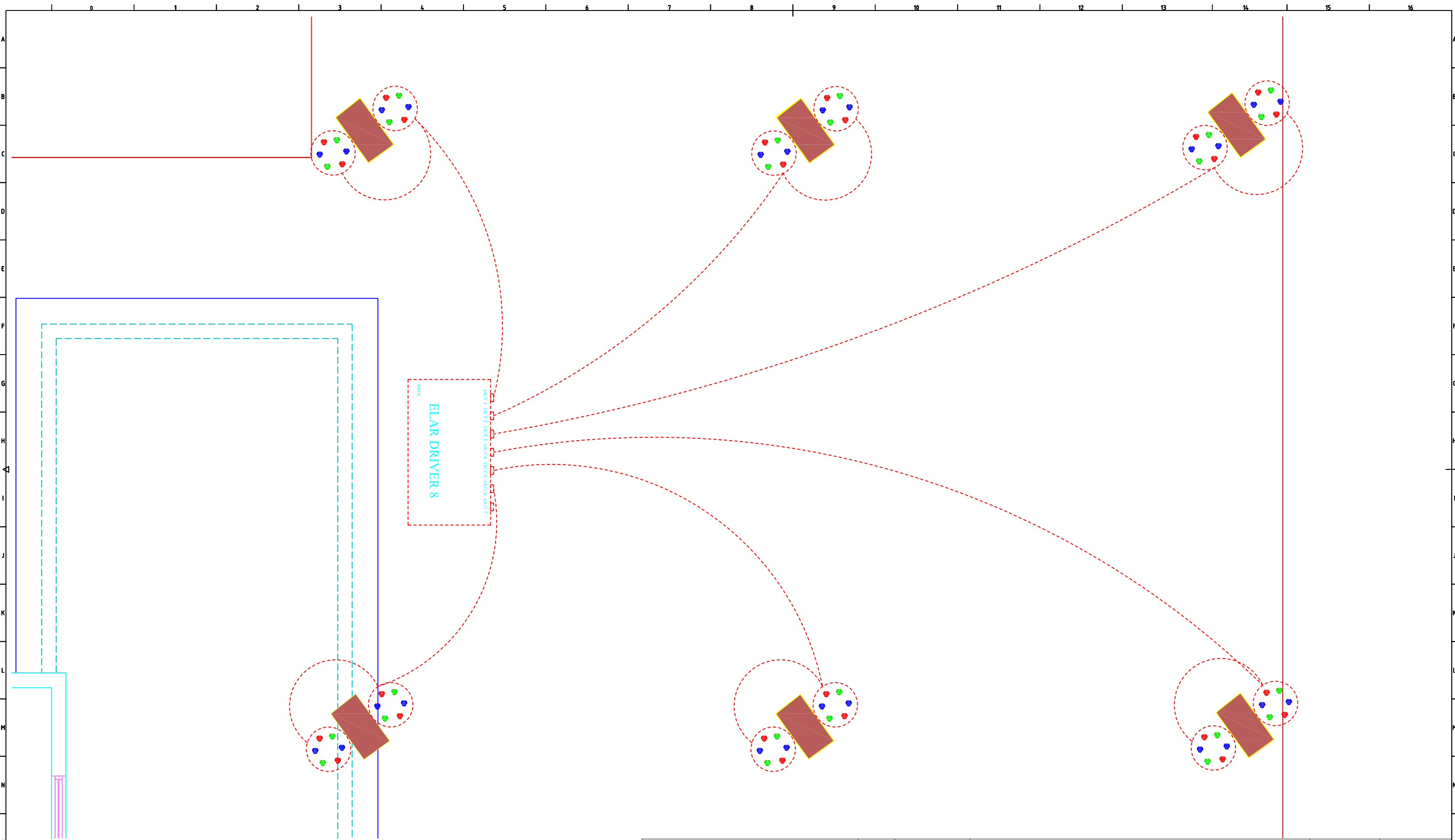
SKYDECK

OFFICE 2nd FLOOR

- EVID 6.2 X3
- EVID 6.2 X3
- EVID 3.2T X3
- EVID 3.2T X3

LOCAL ENTERTAINMENT SYSTEM	REV	DATE			MODIFICATION			LL	
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Page 16 of 40	TITLE: SKYDECK 605 LINCOLN ROAD WIRING DIAGRAM							FOR SUBMISSION	File N°
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								Rev. A-1	







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LOCAL ENTERTAINMENT SYSTEM

Page 19 of 40

REV	DATE			MODIFICATION			LL	APPROVAL	
A-1	03	01	12				DRAFT.		
TITLE: SKYDECK 605 LINCOLN ROAD SPEAKER PLACEMENT							File N°		
DATE: 03/01/12							Dwg. No.	Sheet	Rev.
							001	05	A-1

FOR SUBMISSION



ART 1024

TOUCH SENSITIVE, WALL MOUNT, DMX LIGHTING CONTROLLER.



The next generation lighting controller optimized for the architectural lighting industry. Easily create your own "ART" with the new ART-1024 wall mount controller from Elation! The Art 1024 includes 2 lighting control software: the already famous myDMX software plus the new ART1024 software that contains the ease of the Easy Stand Alone software and the new powerful tools required by the last LED fixture.

SPECIFICATIONS

- User interface 14 buttons, 1 fader, 28 leds - Touch Sensitive Keypad (extension socket rear connectors - 2x20 pins)
- Programming software included to run on PC
- SD Card Mini SD (included) card for stand alone memory use (Built-in features) & (front access connections - open cover)
- RESET Push button for reset operation (front access connections - open cover)
- RS232 RS232 serial communication for external synchronization (extension socket rear connectors - 2x20 pins)
- Output relay Automatic stand by 5V signal (extension socket rear connectors - 2x20 pins)
- Real time clock and calendar, 10 minutes saving without power (Built-in features)
- IR Receiver* Easy learning triggering from any 36Khz remote control (Built-in features)
- DMX Output #1 Universe 1, 512 channels DMX512 Output (screw-terminal rear connector - 9 pins)
- DMX Output #2* Universe 2, 512 channels DMX512 Output (extension socket rear connectors - 2x20 pins)
- USB USB 2.0 communication for PC/software (extension socket rear connectors - 2x20 pins)
- Ethernet** Advanced networking features (front access connections - open cov

www.elationlighting.com

Toll Free (866) 245-6726



ART 1024

TOUCH SENSITIVE, WALL MOUNT, DMX LIGHTING CONTROLLER.

Package Content:

Interface, SD card, user manual, cdrom, USB cable, power supply (*)

- PC Requirement Computer using Windows XP/VISTA 32 bits and USB 2.0
- PC Software Included: ART 1024
- Options Dedicated remote control (**), Ethernet extension (**)
- Safety Standards EC, EMC, ROHS
- Temperature 14°F to 122°F (-10°C to 50°C)
- Dimensions 6.62" x 5.04" x 0.45" Complete package (168 x 128 x 11,5mm)
- Weight 0.44lbs. (0,2kg) Complete package 1.32lbs. (0,6kg)
- Power Supply 9VDC 0.65A, Supplied (screw-terminal rear connector - 9 pins)
- Ports 1,2,3,4 4 Contact closure inputs, connect to ground for operating (extension socket rear connectors - 2x20 pins)
- Ports 5,6,7,8 4 Contact closure inputs, connect to ground for operating (screw-terminal rear connector - 9 pins) & (extension socket rear connectors - 2x20 pins)
- Microphone** Built-in microphone for sound to light effect (Built-in features)
- Audio input** Audio input for sound to light effect (extension socket rear connectors - 2x20 pins)

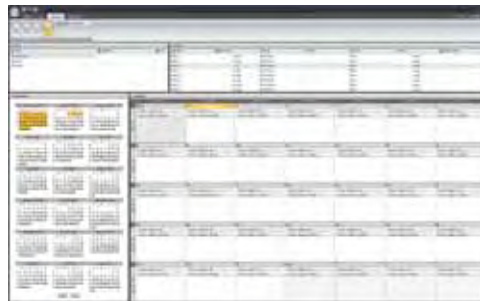
(**) Advanced networking features available in middle of 2009
Some future features will require a firmware upgrade. Others may require a free exchange of the electronic card.



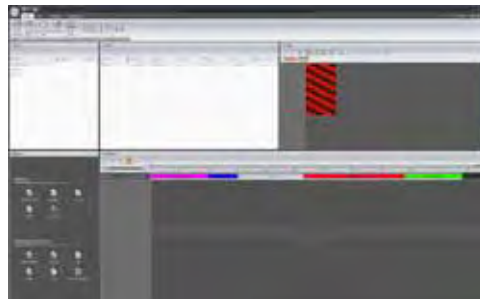
www.elationlighting.com

Toll Free (866) 245-6726

Specifications are preliminary & are subject to change without notice
©Elation Professional • Los Angeles, Ca USA • Kerkade, Netherlands



Calendar Screen



Editor Screen



Stand Alone Screen

LED SPOT LIGHT

BTR
BETTERLIGHTING GERMANY GmbH

LED SPOT LIGHT - Type B



LED-BTR-B1-3x3W

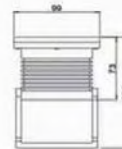


LED-BTR-B2-3x3W

IP65 CE 

Model: LED-BTR-B1/2-3x3W (3 in 1) - 12V/24V

Size	99mm
Height	129mm
Material	Aluminium housing & base
LEDs	3pcs (RGB3in1)
Input volt	12V DC / 24V DC
Power	9.0W (Max.)
Intensity	195lm
Lux	1780 Lux(1m), 570Lux(2m)/40°
Protection	IP65
Controller	CTR-RGB-12V, CTR-RGB-BOX



*** LENS of RGB option: 25° , 40° , 60°

*** LENS of single color option: 15° , 30° , 45°



LED SPOT LIGHT

BTR
BETTERLIGHTING GERMANY GmbH

LED SPOT LIGHT - Type C



LED-BTR-C1-6x3W



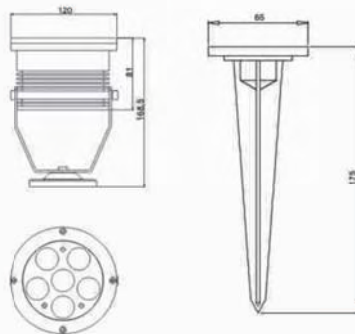
LED-BTR-C2-6x3W

IP65 CE 

Model: LED-BTR-C1/2-6x3W (3 in 1) - 24V

Size	120mm
Height	168,5mm
Material	Aluminium housing & steel base
LEDs	6pcs (RGB 3in1)
Input volt	24V DC
Power	18W (Max.)
Intensity	370lm
Illuminance	3400 Lux(1m), 950Lux(2m)/40°
Protection	IP65
Controller	CTR-RGB-24V, CTR-RGB-BOX

*** LENS of RGB/3W option: 25° , 40° , 60°
*** LENS of single color option: 15° , 30° , 45°



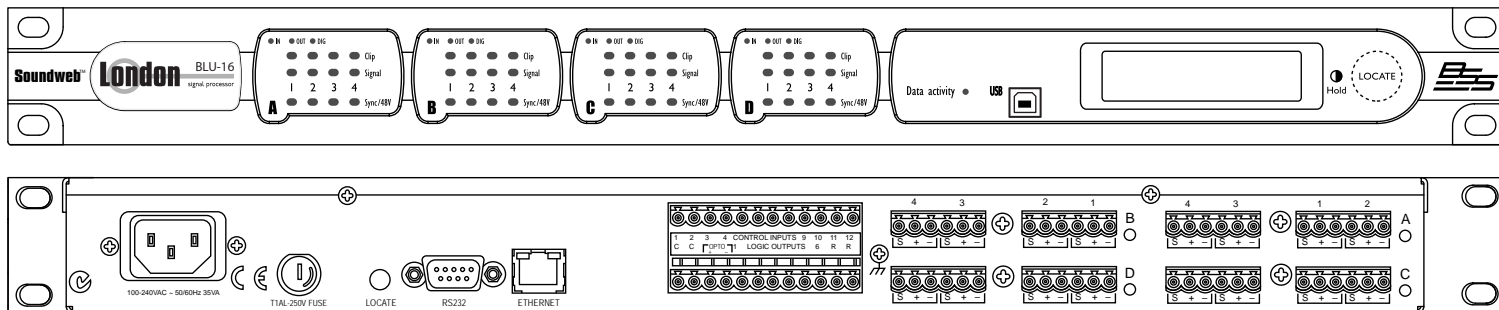


ELAR Driver 8 - LED Driver constant voltage for 12V or 24v models

SPECIFICATIONS

- Universal LED driver
- 12 position dipswitch for function set up
- USITT DMX512 (1990) compatible
- DMX and Stand Alone operation modes
- 0- 100% Stand Alone Fade Time setting
- 0.1S - 30S Stand Alone Chase Speed setting
- 7 built in programs
- Power Output Options: 8 terminal outputs in two different models
 - * 12VDC, 6A/CH, Total 12A Max.
 - * 24VDC, 6A/CH, Total 6A Max.
- DMX Output Operation Modes: Pure White (Intensity) (One DMX Channel)
Color with white saturation (Two DMX Channels)
 - * RGB (Three DMX Channels)
 - * RGBW (Four DMX Channels)
- Power Input: Voltage Selector Includes:
 - * 110- 120VAC (3.2A)
 - * 220- 240VAC (1.6A) 50/60Hz
- Power Failure Memory
- DMX Input: 3-Pin XLR male connector
- DMX Output: 3- Pin XLR female connector
- Dimensions: 11.26" x 7.51" x 2.91" (286mm x 191mm x 74mm)
- Weight: 6.6 lbs. (3kg)
- Operation Temperature: -10 degC to +50 degC
- Storage Temperature: - 20 degC to +70 degC
- cETLus approved

Soundweb™ London BLU-16



OVERVIEW:

The Soundweb London BLU-16 offers configurable I/O and configurable signal processing.

The BLU-16 has open architecture which is fully configurable through HiQnet™ London Architect. A rich palette of processing and logic objects and a “drag and drop” method of configuration provide a simple and familiar design environment.

Four card slots which accommodate analog inputs, analog outputs, digital inputs and digital outputs in banks of four facilitate many different device I/O configurations.

Analog Input Cards provide software configurable gain in 6dB steps up to +48dB per channel and software selectable Phantom Power per channel. Digital Input Cards and Digital Output Cards process AES/EBU and/or S/PDIF audio and offer a variety of clocking and syncing options. (Further information about the I/O cards can be found on dedicated datasheets)

Phantom Power, Sync, Signal Present and Clip information per channel is easily accessible, without the requirement for a PC, from clear front panel LED indication. Device-specific information such as Device Name, Device Type, Firmware Version Number, Time, IP Address and Subnet Mask is available from the front panel display. A bi-directional locate function allows devices to be identified both from and within HiQnet London Architect.

12 Control Inputs and 6 Logic Outputs allow the BLU-16 to be integrated with GPIO compatible devices. The Soundweb London Interface Kit, comprehensive documentation which details how Soundweb London systems can be integrated with third party control systems, is included within the installation of HiQnet London Architect.

The BLU-16 and the other members of the Soundweb London family provide the building blocks of the perfectly tailored system solution.

KEY FEATURES:

- Four Input / Output Card Slots
- Configurable Inputs / Outputs
 - Analog Inputs (with Phantom Power per Channel)
 - Analog Outputs
 - Digital Inputs (AES/EBU and S/PDIF)
 - Digital Outputs (AES/EBU and S/PDIF)
- Configurable Signal Processing
- Rich Palette of Processing and Logic Objects
- Clear Front Panel LED Indication
- Informative Front Panel Display
- Bi-Directional Locate Functionality
- 12 Control Inputs and 6 Logic Outputs for GPIO Integration
- Soundweb London Interface Kit for Third Party Control System Integration (Documentation)
- HiQnet Device
- Configuration, Control and Monitoring from HiQnet London Architect



Soundweb™ London BLU-16

TECHNICAL SPECIFICATIONS:

Front Panel Led Indicators:

Per Input: Signal Present, CLIP, SYNC/48V, I/O card type (IN, OUT, DIG)
 Other: LCD Display, Data Activity

Analog Inputs: Up to 16 electronically balanced on Phoenix Combicon removable screw connectors

Mic/Line Inputs: Nominal gain 0dB, electronically switchable up to +48dB, in +6dB steps
 Input Impedance: 3.5kΩ
 Maximum Input Level: +20dBu with 0dB input gain, +8dBu with 12dB gain
 CMRR: >75dB at 1KHz
 Input Noise (E.I.N.): <-128dBu typical with 150Ω source
 Phantom Power: 48V nominal, selectable per input
 A/D Latency: 38.7/Fs

Digital Inputs: Up to 16 AES/EBU or S/PDIF on Phoenix/Combicon removable screw connectors

Input Impedance: 110 ohm (AES/EBU), 75 ohm (S/PDIF)
 Sample Rate: 48kHz or 96kHz
 Sample Rate Conversion: 8kHz-96kHz
 THD+N: <-140dB
 Latency: 3/Fso + (56.581/Fsi) + (55.658/Fso)

Analog Outputs: Up to 16 electronically balanced on Phoenix/Combicon removable screw connectors

Maximum Output Level: +19dBu
 Frequency Response: 20Hz-20KHz (+0.5dB/-1dB)
 THD: <0.01% 20Hz to 20KHz, +10dBu output
 Dynamic Range: 108dB typical, 22Hz-22KHz unweighted
 Crosstalk: <-75dB
 D/A Latency: 28/Fs

Digital Outputs: Up to 16 AES/EBU or S/PDIF on Phoenix/Combicon removable screw connectors

Output Impedance: 110 ohm (AES/EBU), 75 ohm (S/PDIF)
 Sample Rate: 48kHz or 96kHz
 Sample Rate Conversion: 8kHz-96kHz
 THD+N: <-140dB
 Latency: 3/Fso + (56.581/Fsi) + (55.658/Fso)

Control Ports: 12 inputs and 6 outputs

Control Input Voltage: 0 to 4.5v
 Control Input Impedance: 4.7kΩ to +5V (2-wire mode), >1MΩ (3-wire mode)
 Logic Output Voltage: 0 or +5V unloaded
 Logic Output Impedance: 440Ωs
 Logic Output Current: 10mA source, 60mA sink

Watchdog Output: Phoenix/Combicon connector for failsafe control

Opto Output Current: 14mA maximum
 Withstanding Voltage: 80V maximum (Off)
 Series Impedance: 220Ω (isolated)

Control Network:

Connectors: RJ45 Ethernet connector
 Maximum Cable Length: 100m/300ft on Category 5 cable between device and Ethernet switch

Power and Dimensions:

Mains Voltage: 100-240V AC, 50/60Hz
 Power Consumption: <35VA
 BTU Rating: <120 BTU/hr
 Operating Temperature Range: 5 (41) to 35 (95) degrees C (degrees F)
 Dimensions (H(U) x W x D): 1.75" (1U) x 19" x 9" (45mm x 483mm x 228mm)
 Weight: 7.3 lbs / 3.3 kgs (estimated)

18-0584

Soundweb™ London

Architects & Engineers Specifications



The Digital Signal Processor shall be a stand-alone unit of one rack space, capable of providing a fully-functional system with a total of 16 analogue inputs / analogue outputs configurable by Input Cards and Output Cards in banks of 4, without the need for a dedicated, on-line computer system. The analogue inputs shall have a remotely-adjustable gain stage prior to A/D conversion.

The system designer shall be provided complete flexibility in system configuration.

Combination Microphone / Line inputs shall be provided, together with channel-selectable 48 volt phantom power per input. The unit shall provide a tamper-proof front-panel with no user-adjustable controls. Front panel LED indicators will provide monitoring of signal presence, clip and network status. Analogue / Digital and Digital / Analogue conversion shall be by 24-bit A-D converters and 24-bit D-A converters to provide maximum operating headroom and performance. The Dynamic Range shall be 105dB minimum (unweighted, 108dB A-weighted), with a THD figure of less than 0.01%.

Input and Output connections are provided via modular, Phoenix / Combicon style hardware. Mating connectors (Phoenix / Combicon MSTB 2.5 / 6-ST-5.08 or equivalent) shall be supplied with each unit on delivery or in advance.

The Signal Processor shall also be fitted with a Peak Audio CobraNet™ CM-1 card that shall allow the unit to send and receive audio signals to and from other CobraNet™ devices via a standard Ethernet network over Category 5 cable (as established in the TIA/EIA-568-B standard). This network shall be terminated on RJ-45 connectors, and be stable over distances up to 100 metres between unit and Ethernet switch. The network shall allow system expansion at a later date through the addition of further Signal Processors. The CobraNet™ card shall allow a maximum of 4 bundles of 8 channels. 48kHz and 96kHz CobraNet operation shall be possible. The network also enables routing of control data between processors.

The Signal Processor shall be fitted with a digital audio bus on BLU-800, 320, 160 and 120 devices. The bus shall allow transfer of 256 channels of audio (at 48kHz sample rate, 128 channels at 96kHz) on a point to point connection between devices using Category 5e cable terminated on RJ-45 connectors and be stable over distances up to 100 metres between devices. The bus shall also feature redundancy by completing the connection in a ring

System configuration shall be by a Personal Computer, which may be disconnected after configuration without affecting installed operation of the unit. System configurations shall be stored in each processing device, and these configurations shall not be limited by factory-only presets or pre-determined processing. It shall be possible to configure a number of system presets, which may be recalled at any time via the PC or external control devices.

A front panel LCD will provide preset recall status and fault reporting. A non-latching switch on both front and rear panel will allow identification of the networked processor on a host computer. The non-latching switches will be able to be illuminated to allow identification of a processor from the host computer.

The control software shall provide a palette of audio processing objects for use in system designs to include, but not be restricted to: Crossovers, Compressors, Gates, Duckers, Expanders, Limiters, Gain blocks, Graphic Equalizers, Stereo Graphic Equalizers, Parametric Equalizers, Stereo Parametric Equalizers, Filters, Metering points, Delays, Mixers, Matrix Routers, Matrix Mixers, Source Matrices, Tone Generators, and Source Selectors. The software shall provide the facility to construct user-defined control panels incorporating elements of the processing object parameter controls. Multi-level password-based security shall protect the integrity of the system.

The device configuration window shall provide a DSP gauge to inform the designer as to the percentage of DSP usage. The system design software shall be compatible with Windows XP Home, Windows XP Professional and Windows 2000 operating systems.

It shall be possible to connect standard potentiometers and switches or control voltages to 12 control input ports enabling non-technical operators to change system presets or variable parameters. An additional 6 control output ports shall provide logic outputs for purposes of signal indication, external switching systems, or other similar system control applications. An opto-isolated failsafe indicator shall be provided on an open-collector output.

It shall also be possible to control and design the system network remotely using a PC connected into the system control Ethernet network.

An RS-232 port shall be provided to allow control of the unit from Multimedia Systems such as Crestron, Dataton, Extron, Avenger or other PC devices communicating in a serial mode. The RS232 port on any device shall provide access to all devices that are properly networked together.

To aid in system management, the software shall provide a method of event logging so that system diagnostics are available. This event log shall include failures, warnings and information notices, and shall display the time of the event occurrence, the device to which the event applies and the design file originally loaded.

There shall be an additional units available that will be able to expand the input and output capacity of the system. This unit shall be identical in networking capabilities as the main signal processor, and feature identical input/output card configuration. The unit shall not feature any DSP resources.

There shall be an additional stand-alone units available without Peak Audio CobraNet CM-1 installed. This unit shall be identical in DSP resources as the main signal processor, and feature identical input/output card configuration. A single RJ-45 Ethernet port is provided for connection to a network for DSP configuration or control. The device will connect into the Ethernet control network with Category 5 cable.

There shall be available a programmable remote controller device, which shall provide up to 8 programmable buttons on a touchscreen liquid crystal display, a rotary encoder and page select and navigation switches. The remote control shall offer 100 pages, each protectable with a user definable password. The remote controller shall connect into the Ethernet control network with Category 5 cable. The remote control shall be capable of being housed in a standard NEMA-style, 3-Gang junction backbox.

There shall be available a programmable remote controller device, which shall provide 2 rotary encoders and programmable buttons. The remote controller shall connect into the Ethernet control network with Category 5 cable. The remote control shall be capable of being housed in a standard NEMA-style, 3-Gang junction backbox.

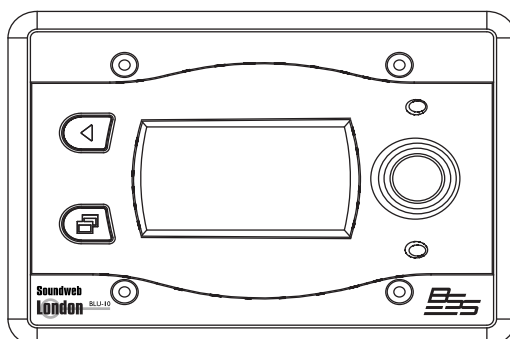
Smaller wall-mounting panels shall be available that allow control of sources and level (or similar functions) by connecting onto the control ports on the digital signal processor housed in a standard UK light switch wall panel.

The digital signal processor shall be the BSS Audio Soundweb London BLU-80, BLU-800 and BLU-160.
 The input/output expansion unit shall be the BSS Audio Soundweb London BLU-32, BLU-320 and BLU-120.
 The stand-alone unit shall be the BSS Audio Soundweb London BLU-16.
 The programmable touch screen remote controller shall be the BSS Audio Soundweb London BLU-10.
 The programmable remote controller shall be the BSS Audio Soundweb London BLU-8.
 The wall-mounting panels shall be the BSS Audio Soundweb BLU-3 and BLU-6.

18-0586

Soundweb™ London

BLU-10



OVERVIEW:

The Soundweb London BLU-10 Wall Controller offers Ethernet connectivity, direct or PoE powering, comprehensive pre-engineered touch-screen control and password security.

The BLU-10 features a touch-screen display, two hardware buttons and a rotary encoder. The display of the BLU-10 can be divided into up to eight sizeable positions where page change buttons, preset recalls or almost any parameter can be represented. Custom text, static images and animated images can be used on these positions to further enhance the user interface.

Multiple pages can be organized into a hierarchy of folders to assist with navigation. There are two methods of navigation with the BLU-10. The first method uses page change buttons on the touch-screen display to navigate between pages in the same folder. The second method uses the lower hardware button to access a hierarchical tree representation of the folders and pages within the BLU-10 implementation.

Password security can be applied to individual pages or folders ensuring that only authorized users can make changes to specific parameters when BLU-10 controllers are placed in public areas. Access rights for different types of users can be established by using multiple passwords to access different sets of system parameters.

The BLU-10 can be programmed to enter a 'Sleep' state after a predetermined delay time. In this state, the screen brightness assumes a predetermined reduced brightness level. 'Active' brightness is restored when the BLU-10 'wakes' following detection by the IR proximity sensor.

The BLU-10 is available in white, black or blue as three different versions: BLU-10-WHT, BLU-10-BLK and BLU-10-BLU respectively.

The BLU-10 and the other members of the Soundweb London family provide the building blocks of the perfectly tailored system solution.

KEY FEATURES:

- Ethernet Connectivity
- 12-48V DC or PoE Powering
- Touch-Screen Display
- Customizable Navigation
- Password Security
- Sleep Feature
- Available in: White (BLU-10-WHT), Black (BLU-10-BLK) and Blue (BLU-10-BLU)



BLU-10 Programmable Zone Controller

TECHNICAL SPECIFICATIONS:

Front Panel Led Indicators:

Per Input: Signal Present

Other: LCD Display

Control Network:

Connectors: RJ45 Ethernet connector

Maximum Cable Length: 100m/300ft on Category 5 cable

Power and Dimensions:

Power Connector: 2-way Screw Terminal

Power Consumption: 300 mA max at 12V

Dimensions (H x W x D): 4.84" x 6.69" x 2.24" (123mm x 170mm x 57mm)

Soundweb™ London

Architects & Engineers Specifications



The Digital Signal Processor shall be a stand-alone unit of one rack space, capable of providing a fully-functional system with a total of 16 analogue inputs / analogue outputs configurable by Input Cards and Output Cards in banks of 4, without the need for a dedicated, on-line computer system. The analogue inputs shall have a remotely-adjustable gain stage prior to A/D conversion.

The system designer shall be provided complete flexibility in system configuration.

Combination Microphone / Line inputs shall be provided, together with channel-selectable 48 volt phantom power per input. The unit shall provide a tamper-proof front-panel with no user-adjustable controls. Front panel LED indicators will provide monitoring of signal presence, clip and network status. Analogue / Digital and Digital / Analogue conversion shall be by 24-bit A-D converters and 24-bit D-A converters to provide maximum operating headroom and performance. The Dynamic Range shall be 105dB minimum (unweighted, 108dB A-weighted), with a THD figure of less than 0.01%.

Input and Output connections are provided via modular, Phoenix / Combicon style hardware. Mating connectors (Phoenix / Combicon MSTB 2.5 / 6-ST-5.08 or equivalent) shall be supplied with each unit on delivery or in advance.

The Signal Processor shall also be fitted with a Peak Audio CobraNet™ CM-1 card that shall allow the unit to send and receive audio signals to and from other CobraNet™ devices via a standard Ethernet network over Category 5 cable (as established in the TIA/EIA-568-B standard). This network shall be terminated on RJ-45 connectors, and be stable over distances up to 100 metres between unit and Ethernet switch. The network shall allow system expansion at a later date through the addition of further Signal Processors. The CobraNet™ card shall allow a maximum of 4 bundles of 8 channels. 48kHz and 96kHz CobraNet operation shall be possible. The network also enables routing of control data between processors.

The Signal Processor shall be fitted with a digital audio bus on BLU-800, 320, 160 and 120 devices. The bus shall allow transfer of 256 channels of audio (at 48kHz sample rate, 128 channels at 96kHz) on a point to point connection between devices using Category 5e cable terminated on RJ-45 connectors and be stable over distances up to 100 metres between devices. The bus shall also feature redundancy by completing the connection in a ring

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It shall also be possible to control and design the system network remotely using a PC connected into the system control Ethernet network.

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There shall be an additional stand-alone units available without Peak Audio CobraNet CM-1 installed. This unit shall be identical in DSP resources as the main signal processor, and feature identical input/output card configuration. A single RJ-45 Ethernet port is provided for connection to a network for DSP configuration or control. The device will connect into the Ethernet control network with Category 5 cable.

There shall be available a programmable remote controller device, which shall provide up to 8 programmable buttons on a touchscreen liquid crystal display, a rotary encoder and page select and navigation switches. The remote control shall offer 100 pages, each protectable with a user definable password. The remote controller shall connect into the Ethernet control network with Category 5 cable. The remote control shall be capable of being housed in a standard NEMA-style, 3-Gang junction backbox.

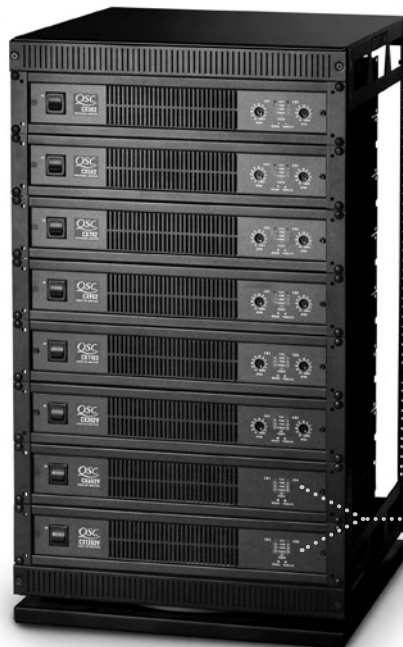
There shall be available a programmable remote controller device, which shall provide 2 rotary encoders and programmable buttons. The remote controller shall connect into the Ethernet control network with Category 5 cable. The remote control shall be capable of being housed in a standard NEMA-style, 3-Gang junction backbox.

Smaller wall-mounting panels shall be available that allow control of sources and level (or similar functions) by connecting onto the control ports on the digital signal processor housed in a standard UK light switch wall panel.

The digital signal processor shall be the BSS Audio Soundweb London BLU-80, BLU-800 and BLU-160.
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 The stand-alone unit shall be the BSS Audio Soundweb London BLU-16.
 The programmable touch screen remote controller shall be the BSS Audio Soundweb London BLU-10.
 The programmable remote controller shall be the BSS Audio Soundweb London BLU-8.
 The wall-mounting panels shall be the BSS Audio Soundweb BLU-3 and BLU-6.

18-0586

CX302 | CX502 | CX702 | CX902 | CX1102 | CX302V | CX602V | CX1202V



All models include an integrated security cover for tamper-proof installations

The CX Series is designed to meet the specialized needs of sound contractors. Eight 2-channel models have been designed from the ground up, combining the exclusive QSC PowerLight™ technology with specific features to meet the requirements of fixed installations.

With high-output power, versatile loading options, high thermal capacity and unmatched reliability, the CX Series is the perfect solution to any permanently installed sound system.

CX 2-channel Amplifiers

Model	70 V*	Watts per channel		
		8Ω**	4Ω**	2Ω†
CX302	–	200	325	600
CX502	–	300	500	800
CX702	–	425	700	1200
CX902	440	550	900	1500
CX1102	1000	700	1100	1700
CX302V	250	–	–	–
CX602V	440	550	–	–
CX1202V	1000	700	1100	–

*1 kHz, 0.05% THD

**20 Hz – 20 kHz, 0.05% THD

†1 kHz, 1% THD

Features

- 8 models to meet your exact power requirements
- Exclusive PowerLight switch-mode power supply technology for high performance and compact size
- Custom integrated security cover for tamper proof installations
- Variable speed fan for low noise
- 1 dB detented gain controls for fast and accurate gain settings
- Active inrush limiting eliminates AC inrush current, removing the need for expensive power sequencers
- XLR and detachable Euro-style input connectors
- HD15 DataPort connector for QSCControl computer control or signal processing accessories
- Dip switch control for clip limiters, high-pass filters, bridge-mono and parallel operation
- Selectable high-pass filters protect speakers and prevent speaker transformer saturation with minimal effect on program material (33 Hz or 75 Hz on non-V models, 50 Hz or 75 Hz on V models)
- Comprehensive front panel indicators including signal, clip, protect and QSC's exclusive bridge-mono and parallel input LEDs
- Barrier strip output connector
- Comprehensive protection circuitry including DC, infrasonic, thermal overload and short circuit protection
- Class H complementary bipolar output circuitry for high efficiency (CX702, CX902, CX1102 & CX1202V)
- Optional external transformer accessory pack for isolated 70 and 100 volt outputs (converts CX302 to 400 watts per channel isolated output)
- Compact size – all models only 2 RU and 14" deep for reduced rack cost and floor space
- Lightweight – all models only 21 pounds (9.5 kg) for easier racking and shipping
- 3-year warranty plus optional 3-year extended service contract

	CX302	CX502	CX702	CX902	CX1102	CX302V	CX602V	CX1202V
Stereo Mode (both channels driven)			Continuous average output power per channel					
8Ω / 20 Hz – 20 kHz / 0.05% THD	200 W	300 W	425 W	550 W	700 W	–	550 W	700 W
4Ω / 20 Hz – 20 kHz / 0.05% THD	325 W	500 W	700 W	900 W	1100 W	–	–	1100 W
2Ω / 1 kHz / 1% THD	600 W	800 W	1200 W	1500 W	1700 W	–	–	–
70V / 20 Hz – 20 kHz / 0.05% THD	–	–	–	400 W	800 W	200 W	400 W	800 W
70V / 1 kHz / 0.05% THD	–	–	–	440 W	1000 W	250 W	440 W	1000 W
70V / 1 kHz / 1% THD	–	–	–	600 W	1200 W	300 W	600 W	1200 W
Bridge-Mono Mode			Bridge-mono mode operation					
16Ω / 20 Hz – 20 kHz / 0.1% THD	400 W	600 W	850 W	1100 W	1400 W	–	1100 W	1400 W
8Ω / 20 Hz – 20 kHz / 0.1% THD	700 W	1100 W	1500 W	2000 W	2200 W	–	–	2200 W
4Ω / 1 kHz / 1% THD	1200 W	1600 W	2400 W	3000 W	3400 W	–	–	–
140V / 20 Hz – 20 kHz / 0.1% THD	–	–	–	800 W	1600 W	400 W	800 W	1600 W
140V / 1 kHz / 0.05% THD	–	–	–	880 W	2000 W	500 W	880 W	2000 W
140V / 1 kHz / 1% THD	–	–	–	1200 W	2400 W	600 W	1200 W	2400 W
Signal to Noise (20 Hz – 20 kHz)	> -107 dB	> -107 dB	> -106 dB	> -106 dB	> -106 dB	> -106 dB	> -106 dB	> -106 dB
Input Sensitivity at 8Ω	1.26 Vrms	1.23 Vrms	1.16 Vrms	1.17 Vrms	1.35 Vrms	1.26 Vrms	1.26 Vrms	1.26 Vrms
Gain at 8Ω	30 dB	32 dB	34 dB	35 dB	35 dB	35 dB	35 dB	35 dB
Output Circuitry	Class AB+B	Class AB+B	2-tier Class H	2-tier Class H	2-tier Class H	Class AB+B	Class AB+B	2-tier Class H
Distortion (SMPTE-IM)	< 0.02%							
Distortion (typical)								
20 Hz – 20 kHz: 10 dB below rated power	< 0.01% THD							
1.0 kHz and below: full rated power	< 0.01% THD							
Frequency Response	20 Hz - 20 kHz, ± 0.2 dB							
Damping Factor	> 500							
Input Impedance	6k ohms unbalanced, 12k ohms balanced							
Input Clipping	10 Vrms (+22 dBu)							
Cooling	Variable-speed fan, rear-to-front air flow							
Connectors	Input: 3-pin XLR & 3-pin detachable terminal blocks (1 each per channel) Output: Safety shrouded barrier strip							
Amplifier Protection	Full short circuit, open circuit, thermal, ultrasonic, RF protection. Stable into reactive or mismatched loads							
Load Protection	On/off muting, DC-fault power supply shutdown							
Dimensions (HWD)	3.5" (8.9 cm) 2 RU x 19" (48.3 cm) rack mounting x 14" (35.6 cm) from front mounting rails							
Weight - Net / Shipping	21 lb (9.5 kg) / 27 lb (12.3 kg)							
120V Current Consumption	Idle	0.8 A	0.9 A	0.9 A	0.9 A	0.8 A	0.9 A	0.9 A
1/8 power pink noise (typical of program material at maximum unclipped power)	8Ω	3.8 A	5.6 A	5.0 A	6.0 A	7.6 A	–	–
	4Ω	6.0 A	9.0 A	7.9 A	9.5 A	11.6 A	–	–
	2Ω	9.6 A	14.0 A	11.8 A	14.0 A	16.6 A	–	–
	70V	–	–	–	–	–	5.7 A	8.7 A
1/3 power pink noise (typical of program material with severe clipping)	8Ω	5.4 A	8.0 A	8.4 A	11.0 A	13.1 A	–	–
	4Ω	8.9 A	13.3 A	13.5 A	17.0 A	20.0 A	–	–
	2Ω	14.3 A	21.0 A	22.0 A	27.0 A	–	–	–
	70V	–	–	–	–	–	8.0 A	13.0 A



Specifications subject to change without notice.



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1675 MacArthur Boulevard • Costa Mesa, CA 92626 • Ph: 800/854-4079 or 714/957-7100 • Fax: 714/754-6174



Key Features:

- Line-array enhanced coverage control
- Organic, unobtrusive shape
- Strong-Arm-Mount™ for easy, flexible aiming
- Full-bandwidth overload protection
- Weather resistant - Conforms to Mil Spec 810 and IEC 529 IP 34
- Dual LF transducers for extended bass and greater power handling and output
- Ti direct-radiator HF transducer, Neodymium structure
- High sensitivity
- Magnetically shielded
- Zinc-plated grilles
- Transformer Versions



General Description:

The EVID 3.2 is a very compact full-range loudspeaker ideal for indoor and outdoor applications requiring high-quality sound. Its shape and size make it nearly invisible for use in background/foreground music systems for restaurants, bars, patios, retail, and other applications

The 3.2's three-dimensional elliptic baffle symmetrically locates the .75" Ti direct radiator high-frequency element in front of and between the 3.5" low-frequency drivers. The careful shaping, location, and 10° splaying of the LF units provide coverage control by the resulting line array. Lobing is controlled by physically "shadowing" the LF transducers from each other over the bandwidth where they would normally exhibit interference. EVID's mounting system provides greater range of aiming angles in both horizontal and vertical planes than other types. The curved grille features designed-in weather resistance and a hidden leash for safety.

All models are available in black or white, and can easily be painted to match the décor. Transformer versions are also available for constant voltage systems.

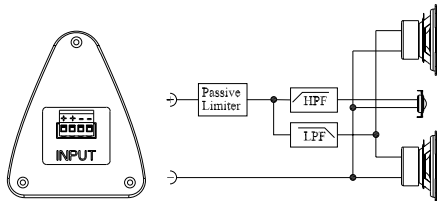
Technical Specifications:

Frequency Response ¹ (-10 dB)	85Hz - 20kHz
Power Handling ²	150W Cont. Prog./300W Peak
Sensitivity ³	87dB, 1W, 1m
Impedance	8 ohms
Max SPL	108 dB
Horizontal Coverage ⁴	140°
Vertical Coverage ⁴	100°
Crossover Frequency	2.4kHz
LF Transducer	2 x 3.5" (90 mm)
HF Transducer	.75" (20 mm)
Protection	Full System
Weather Resistance	Meets Mil Spec 810 humidity, salt spray, temperature and UV, and IEC 529 IP 34 splashproof ratings
Swing x Rotation	100° x 90°
Terminals	Phoenix Connector
Enclosure Material	ABS (paintable)
"t" Version Wattage Taps	5W 70V/10W 100V
Dim (H x W x D)	9.2" x 5.1" x 6.5" (234 mm x 130 mm x 165 mm)
Net Weight (each)	3.3 lbs (1.5 kg)
Shipping Weight (pair)	8.6 lbs (3.9 kg)
Included Accessories	SAM™, hex key
¹ Half Space (wall mounting) ² Continuous Program Rating: 3dB greater than continuous pink noise rating (IEC-shaped pink noise with 6dB crest factor) ³ Avg: Half Space (wall mounting) ⁴ When mounted with long axis in vertical plane	

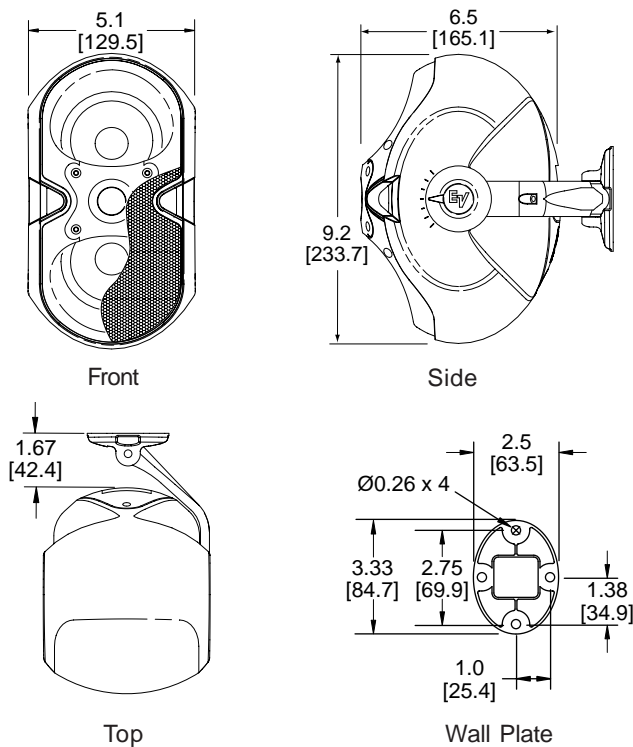
Architecture & Engineering Specs:

The loudspeaker shall be a two-way system consisting of two 3.5" (89mm) low-frequency transducers, a .75" (19mm) high-frequency transducer, and a frequency-dividing network installed in a vented, line-array enclosure. The network shall include a passive limiter for both the low-frequency and high-frequency transducers. The loudspeaker system shall meet the following performance criteria: Power handling, 150 Watts of EIA RS-426A continuous pink noise (6 dB crest factor); Frequency response, 85 Hz – 20 kHz (-10 dB from rated sensitivity); Pressure sensitivity, 87 dB at one watt, 200 Hz – 10 kHz at one meter; Impedance, 8 ohms nominal, 6 ohms minimum. The enclosure shall be molded of acrylic butyl styrene. The enclosure shall be 9.2" (234mm) high, 5.1" (127mm) wide, 6.5" (165mm) deep. The finish shall be a paintable black or white. The grille shall be zinc plated, powder coated for corrosion resistance, and restrained with a safety leash. The loudspeaker shall be adjustable over a range of 100° horizontally and 90° vertically. The support bracket shall be low profile and integral with the enclosure. The system shall be weather resistant to MIL Spec 810 and IEC 529 IP 34 test conditions. The surface mount loudspeaker shall be the Electro-Voice® EVID model 3.2.

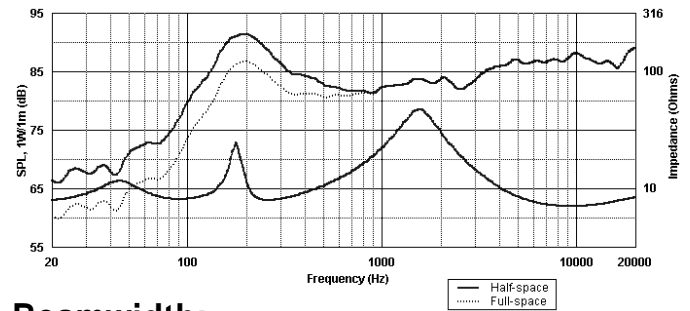
Block Diagram:



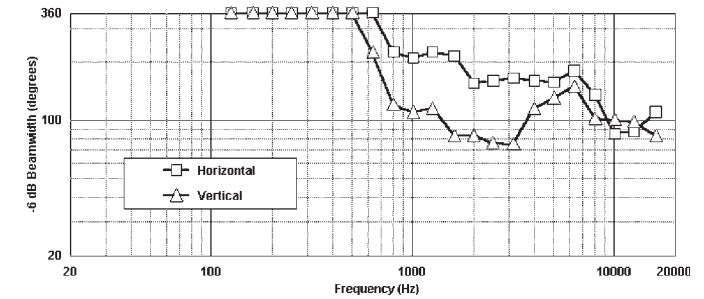
Dimension Drawings:



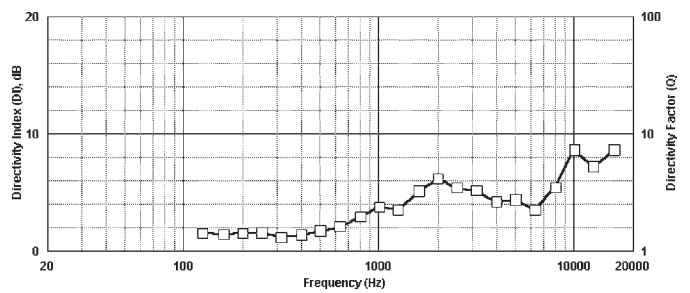
Frequency Response:



Beamwidth:



Directivity:



Performance Match:

- EVID 12.1 Sub

Available Accessories:

- MA-3 Microphone Stand Mounting Kit for 3.2
- HS-3 Horizontal Mount Desk Stand for 3.2/4.2
- VS-3 Vertical Mount Desk Stand for 3.2
- AB-ZE Array Bracket Kit for 2 or 4 ZX1i or EVID Systems, Black

EVID 3.2 Part Numbers:

- 301045-001 Black
- 301045-002 White
- 301045-003 Black, Transformer
- 301045-004 White, Transformer



12000 Portland Avenue South, Burnsville, MN 55337
Phone: 952/884-4051, Fax: 952/884-0043

www.electrovoice.com

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Part Number 38109-981 Rev F

U.S.A. and Canada only. For customer orders, contact Customer Service at:

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Europe, Africa, and Middle East only. For customer orders, contact Customer Service at:

+ 49 9421-706 0 Fax: + 49 9421-706 265

Other International locations. For customer orders, contact Customer Service at:

+ 1 952 884-4051 Fax: + 1 952 887-9212

For warranty repair or service information, contact the Service Repair department at:

800/685-2606

For technical assistance, contact Technical Support at: 866/78AUDIO

Key Features:

- Line-array enhanced coverage control
- Organic, unobtrusive shape
- Strong-Arm-Mount™ for easy, flexible aiming
- Full-bandwidth overload protection
- Weather resistant - Conforms to Mil Spec 810 and IEC 529 IP 34
- Dual 6-inch LF transducers for extended bass and greater power handling and output
- Ti direct-radiator HF transducer, Neodymium structure
- High sensitivity
- Magnetically shielded
- Zinc-plated grilles
- Transformer Versions

General Description:

The EVID 6.2 is an extended-range loudspeaker ideal for indoor and outdoor applications requiring high-quality sound. Its extended range and smooth bass provide ample SPL levels in larger environments such as shopping malls, sports bars, health clubs, and so on.

The 6.2's three-dimensional elliptic baffle symmetrically locates the 1" Ti direct radiator high-frequency element with a Coherent Coverage Waveguide in front of and between the 6" low-frequency drivers. The careful shaping, location, and 10° splaying of the LF units provide coverage control by the resulting line array. Lobing is controlled by physically "shadowing" the LF transducers from each other over the bandwidth where they would normally exhibit interference. EVID's mounting system provides greater range of aiming angles in both horizontal and vertical planes than other types. The curved grille features designed-in weather resistance and a hidden leash for safety.

All models are available in black or white, and can easily be painted to match the décor. Transformer versions are also available for constant voltage systems.



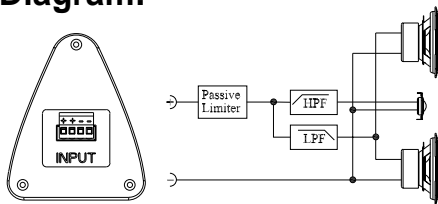
Technical Specifications:

Frequency Response ¹ (-10 dB)	62 Hz - 20 kHz
Power Handling ²	300W Cont. Prog./600W Peak
Sensitivity ³	94 dB, 1W/1m
Impedance	8 ohms
Max SPL	118 dB
Horizontal Coverage ⁴	100°
Vertical Coverage ⁴	80°
Crossover Frequency	1.6 kHz
LF Transducer	2 x 6" (100 mm)
HF Transducer	1" (25 mm)
Protection	Full System
Weather Resistance	Meets Mil Spec 810 humidity, salt spray, temperature and UV, and IEC 529 IP 34 splashproof ratings
Swing x Rotation	100° x 90°
Terminals	Phoenix Connector
Enclosure Material	ABS (paintable)
"t" Version Wattage Taps	70V: 7.5 W 70V/100V:15W, 30W, 60W, 8 ohm bypass
Dim (H x W x D)	16.5" x 9" x 11.75" (419 mm x 228 mm x 298 mm)
Net Weight (each)	12 lbs (5.3kg)
Shipping Weight (pair)	27 lbs (12.3 kg)
Included Accessories	SAM™, hex key
¹ Half Space (wall mounting)	
² Continuous Program Rating: 3 dB greater than continuous pink noise rating (IEC-shaped pink noise with 6dB crest factor)	
³ Avg: Half Space (wall mounting)	
⁴ When mounted with long axis in vertical plane	

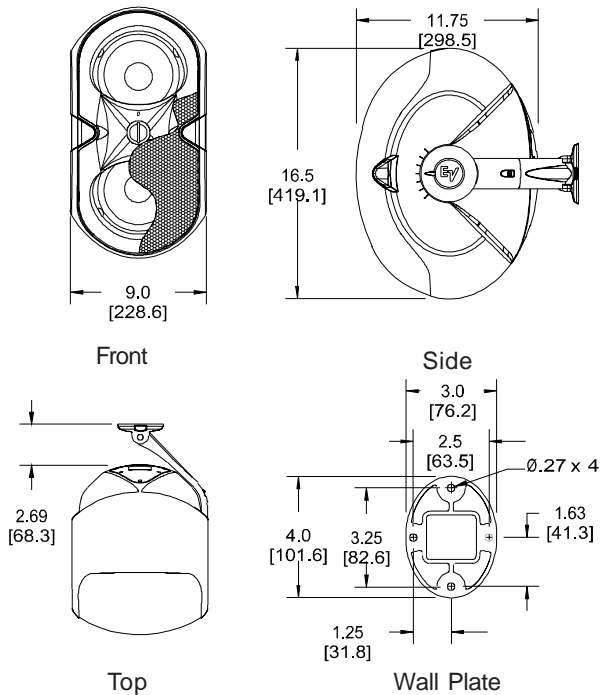
Architecture & Engineering Specs:

The loudspeaker shall be a two-way system consisting of two 6" (152mm) low-frequency transducers, a 1" (25mm) high-frequency transducer with a Coherent Coverage Waveguide, and a frequency-dividing network installed in a vented, line-array enclosure. The network shall include a passive limiter for both the low-frequency and high-frequency transducers. The loudspeaker system shall meet the following performance criteria: Power handling, 300-Watts of EIA RS-426A continuous pink noise (6 dB crest factor); Frequency response, 62 Hz - 20 kHz (-10 dB from rated sensitivity); Pressure sensitivity, 94 dB at one watt, 200 Hz - 10 kHz at one meter; Impedance, 8 ohms nominal, 6 ohms minimum. The high-frequency transducer shall drive a waveguide to cover evenly 100° horizontally by 90° vertically. The enclosure shall be molded of acrylic butyl styrene. The enclosure shall be 16.5" (419mm) high, 9" (228mm) wide, 11.75" (298mm) deep. The finish shall be a paintable black or white. The grille shall be zinc plated, powder coated for corrosion resistance, and restrained with a safety leash. The loudspeaker shall be adjustable over a range of 100° horizontally and 90° vertically. The support bracket shall be low profile and integral with the enclosure. The system shall be weather resistant to MIL Spec 810 and IEC 529 IP 34 test conditions. The surface mount loudspeaker shall be the Electro-Voice® EVID model 6.2.

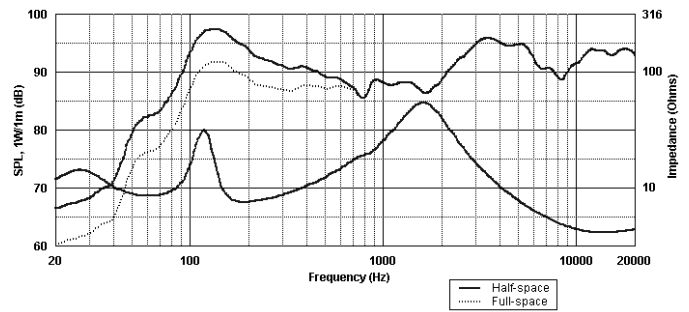
Block Diagram:



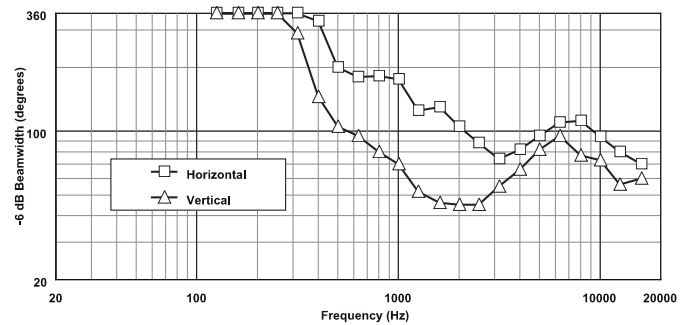
Dimension Drawings:



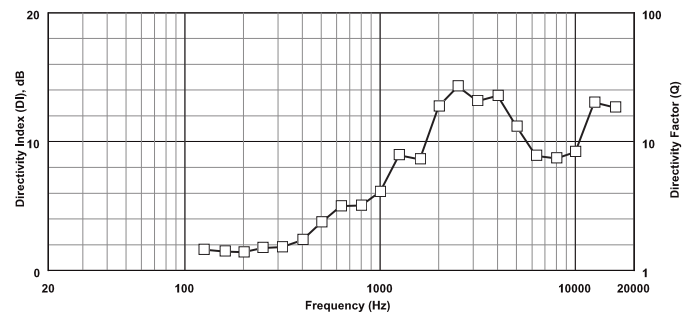
Frequency Response:



Beamwidth:



Directivity:



Performance Match:

- EVID 12.1 Sub

Available Accessories:

- VS-6 Vertical Mount Desk Stand for 6.2
- AB-ZE Array Bracket Kit for 2 or 4 ZX1i or EVID Systems, Black
- TC-6B Black Weatherized Terminal Cover for 6.2
- TC-6W White Weatherized Terminal Cover for 6.2

EVID 6.2 Part Numbers:

- 301047-001 Black
- 301047-002 White
- 301047-003 Black, Transformer
- 301047-004 White, Transformer



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Phone: 952/884-4051, Fax: 952/884-0043

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For warranty repair or service information, contact the Service Repair department at:

800/685-2606

For technical assistance, contact Technical Support at: 866/78AUDIO



IW-22

in-wall docking system for iPod
with RS-232 and IR control

By recognizing early-on the need for integrating audio and video content from the iPod® and iPod touch® into residential A/V systems, iPort® created the industry standard for controlling and playing iPod content. iPort is the only iPod and iPod touch solution that works flawlessly and seamlessly with a large variety of leading local-zone audio systems, home automation systems, and A/V control systems, providing integrators the ultimate flexibility for including iPods and iPod touch as A/V sources in their projects.

The iPort IW-22's RJ-45 modular connections deliver balanced audio up to 500 feet (152 m) and unbalanced video up to 30 feet (9 m). iPort's integrated RS-232 allows compatible control systems to control the iPod/iPod touch with two-way communication (including iPod metadata). An IR control connection allows control of most iPod/iPod touch audio functions by compatible IR control systems, and the illuminated LED on the faceplate allows IR control of essential iPod menu and playback functions by an optional iPort EX-1 remote. The included wall plates provide stereo RCA audio and S-video, component, and composite video connections, RS-232 and IR control connections, and connections for the included regulated DC power supply. The IW-22 accepts all Apple dock connector iPod models, and includes a back support, — a rubberized adjustment disc that compensates for the varying thicknesses of different iPod models.

iPort IW-22 Features

- Delivers balanced audio up to 500 feet (152 m) from the iPort.
- Built-in preamplifier allows variable volume control via IR and RS-232.
- Delivers unbalanced video up to 30 feet (9 m) from iPort.
- IR connection allows remote control of most iPod/iPod touch audio functions.
- Integrated RS-232 control enables two-way communication (including iPod program metadata) and control of the iPod/iPod touch via compatible control systems.
- Regulated DC power supply charges the iPod/iPod touch while it is docked.
- Designed for easy docking/undocking of iPod
- Connects to wall plates with Cat5 cables via RJ-45 connectors
- Easy to install via Roto-Lock® mounting clamps
- Paintable flange

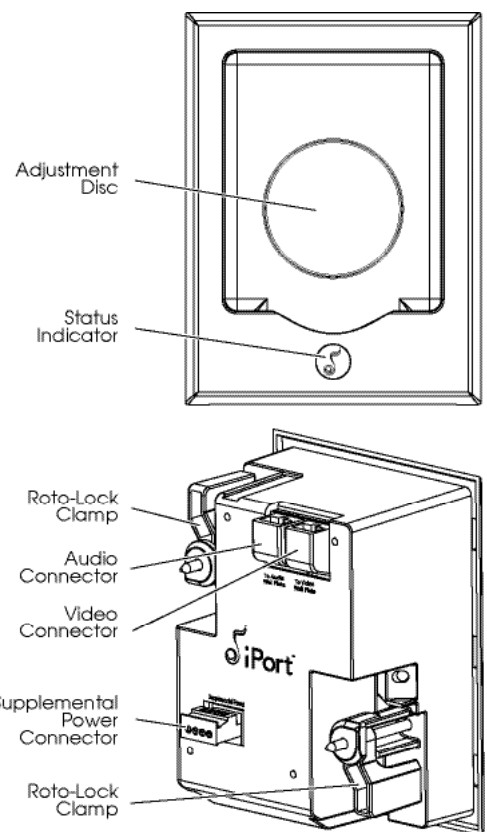
IW-22 Includes

- (1) iPort dock (faceplate and utility box)
- (1) Balanced audio wall plate
- (1) Balanced audio sender plug-in circuit card
- (1) RS-232 control plug-in circuit card and RS-232 cable
- (1) Unbalanced video wall plate and cable
- (1) Regulated power supply with USA plug

Available IW-22 Upgrades

- Optional Balanced Video Upgrade Kit delivers video up to 250 feet (76 m) from the iPort.

Dimensions (W x H x D): 4 3/4" x 6 5/16" x 3 1/2" (121mm x 160mm x 89mm)
 Cut-Out Dimensions (W x H): 4" x 5 9/16" (102 mm x 141 mm)



Compatibility

Compatible with most dockable iPod touch and iPod models, including iPod nano 5th gen, iPod classic 120GB and iPod touch 2nd gen. For current compatibility information, visit iportmusic.com.

iPort

212 Avenida Fabricante
 San Clemente, CA USA
 1.888.45.iPort
iportmusic.com



LAW OFFICE OF STEVE POLISAR

Email: StevePolisar@gmail.com
407 Lincoln Road, Suite 2A
Miami Beach, FL 33139
Telephone (305) 672-7772
Facsimile (305) 672-1038

July 3, 2013

Richard Lorber
Acting Director
Miami Beach Planning & Zoning
1700 Convention Center Way
Miami Beach, FL 33139

Re: DJ's

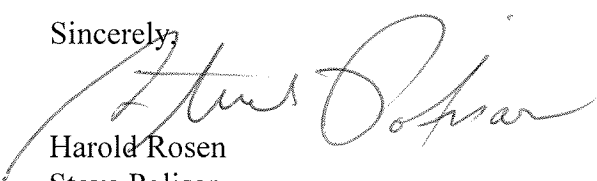
Dear Mr. Lorber:

Pursuant to our meeting with City Attorney Gary Held, this will confirm that pursuant to Municipal Code Chapter 114, defining an Entertainment establishment, the City will permit a DJ on the premises where no entertainment license is permitted under the following circumstances:

1. No formal DJ booth is on the plans
2. No formal advertising of the performances by the DJ
3. No microphone is used by the DJ
4. The music will not interfere with conversation and conform to the City statute on background music.


Please indicate your agreement and approval by signing below and returning a copy to my office.
Thank you.

Sincerely,


Harold Rosen
Steve Polisar

HR/ml

AGREED AND APPROVED: *OR*



LAW OFFICE OF STEVE POLISAR

Email: stevepolisar@gmail.com
407 Lincoln Road, Suite 2A
Miami Beach, FL 33139
Telephone (305) 672-7772
Facsimile (305) 672-1038

July 11, 2013

Chef Fox
c/o Nelson Fox
Miami Beach, FL 33139

Re: DJ's With No Entertainment License

Dear Nelson,

This will confirm that with respect to my letter to Richard Lorber dated July 3, 2013, which letter outlines where DJ's are permitted when no entertainment license exists, and which letter was signed, agreed to, and approved by Richard Lorber, I will if required, within reason, not charge additional fees to follow up and aid you in the future if additional issues arise regarding this matter and the City fails to follow through on this letter.

Sincerely,


Steve Polisar

SP/ml