

Manhattan Community Board 4
(All Fields Must Be Completed)

Liquor License/Sidewalk Cafe Stipulations Application

CORPORATION NAME		DOING BUSINESS AS (DBA)	
New Mates Global Inc			
STREET ADDRESS		CROSS STREETS	ZIP CODE
360 9th Ave, New York, NY		W 30th & W 31st Streets	10001
OWNER <small>Check a box if all the owners that will be associated with this license</small>	NAME: Matthew Stewart ; Chowdhury Eiah	ADDRESS/ REPRESENTATIVE	NAME: Rosa M Ruiz
	PHONE: 973-975-2402 347-331-1561		PHONE: 212-484-2290
	EMAIL: msw@matglobal.com eiah@matglobal.com		EMAIL: rosa@rosamruiz.com
MANAGER	NAME:	LANDLORD	NAME: 30th Street & 9th Avenue Enterprises LLC
	PHONE:		PHONE: 212-645-5098
	EMAIL:		EMAIL:
APPLICATION TYPE (<input type="checkbox"/> Liquor License <input checked="" type="checkbox"/> Unenclosed Sidewalk Cafe)			
<input checked="" type="checkbox"/> New	Has the applicant/owner filed with the SLA? If yes, when? If no, when do you plan to file?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	Will this be used for any other type of business?	Please see attached rider	
	Will this be used for any other type of business?		
<input type="checkbox"/> Corp Change/Class Change/Removal	What is the reason for this change?		
	Has the applicant/owner filed with the SLA? If yes, when? If no, when do you plan to file?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	Will this be used for any other type of business?		
<input type="checkbox"/> Alteration	What is the reason for this change?		
	Will this be used for any other type of business?		
METHOD OF OPERATION			
TYPE OF ALCOHOL	<input checked="" type="checkbox"/> Liquor/Wine/Beer & Cider <input type="checkbox"/> Beer & Cider <input type="checkbox"/> Wine/Beer & Cider		
ESTABLISHMENT TYPE	<input checked="" type="checkbox"/> Restaurant <input type="checkbox"/> Cabaret <input type="checkbox"/> Night Club <input type="checkbox"/> Hotel <input type="checkbox"/> Bar/Tavern <input type="checkbox"/> Catering Establishment <input type="checkbox"/> Adult Entertainment <input type="checkbox"/> Wine Bar <input type="checkbox"/> Dance Club <input type="checkbox"/> Sports Bar <input type="checkbox"/> Club for a Fraternal Organization - Members Only		
Has applicant/owner read MCB4 Policy Regarding Concentration and Location of Alcoholic Serving Establishments?	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/>	after cb4 meeting
Is the 500 Foot Rule applicable? If yes, please attach a diagram of the On-Premise liquor license establishments within a 500 ft radius of your establishment and the Public Interest Statement	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	
Is the 200 Foot Rule applicable? If yes, please attach a diagram of the schools and houses of worship that trigger the rule	<input type="checkbox"/> YES	<input checked="" type="checkbox"/>	
Has applicant/owner read MCB4 Policy Regarding Concentration and Location of Alcoholic Serving Establishments?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

OPERATIONAL DETAILS (*Closing time will be when establishment is vacated of all patrons)

HOURS: (Indoor Only)	Operation	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
		Kitchen	11am 1am	11am 1am	11am 1am	11am 3am	11am 3am	11am 3am
Music	11am 2am	11am 2am	11am 2am	11am 4am	11am 4am	11am 4am	11am 4am	

1:40 am
1:55 am
1:41 am
2:00 am
2:05 am
2:00 am
2:00 am
1:55 am

If you plan to play music, what type(s)? (Check all that apply.)

BACKGROUND LIVE MUSIC DJ KARAOKE

~~1:55 am~~
9 am

OCCUPANCY

	Capacity (Certificate of Occupancy)	Maximum # of Persons You Anticipate Occupying Premises (Including Employees)	Number of Tables	Number of Seats	Number of Service Only Bars	Number of Stand-Up Bars	Number of Seats at Stand-Up Bar
INSIDE	74	74	13	52	0	1	19
OUTSIDE <i>(Other than sidewalk cafe?)</i>							
SIDEWALK CAFE							

How many floors are there? What is the capacity for each floor?
ground floor and basement

How frequently will the owners be at the establishment?
during all hours of operation

Will there be dancing?
YES

Will applicant have bottle or table service for beverage alcohol?
YES

Will you be hosting private, promotional or corporate events?
 YES NO upon request

Will outside promoters be used on a regular basis? if yes please describe
YES

Will you have a security plan? If yes please attach
YES NO n/a

Will security plan be implemented?
YES NO n/a

Will State certified security personnel be used?
YES NO n/a

Will New York nightlife Association and NYPD Best Practices be followed?
 YES NO

Will applicant be using delivery bicycles? if yes, how many?
 YES NO 2-3

Will delivery bicycles be clearly marked with the name of the restaurant and will staff wear attire clearly noting name as described by NYC Law?
 YES NO

Where will delivery bicycles be stored during the day when not in use?
basement

LOCATION & ZONING

Is this a Special District? If yes, is it Clinton West Chelsea or Hudson Yards?	YES	<input checked="" type="checkbox"/>	
Does the building have a Certificate of Occupancy (CO of O) or a letter of no objection?	<input checked="" type="checkbox"/>	NO	
Is a Public Assembly permit required?	YES	<input checked="" type="checkbox"/>	
Are your plans filed with DOB?	YES	NO	n/a

Community Notification/Relations

<p>NOTIFICATION: List all block associations; tenant associations, co-op boards or condos boards of residential buildings; and community groups that applicant has notified regarding its application. For each please list both the organization and individual you contacted</p>	# 1	Please see attached rider		
	# 2			
	# 3			
	# 4			
	# 5			
Please provide dates when applicant met with the groups listed above				
Who was your contact person at each group you met with?				
When did applicant post the notice that was provided?				
Where did applicant post the notice that was provided?				
Will applicant provide owner cell phone number to neighbors and respond to complaints that arise? Please provide number in space provided		<input checked="" type="checkbox"/>	NO	
Will applicant inform the Community Board office of its job openings and/or provide a hyperlink to applicants jobs webpage?		<input checked="" type="checkbox"/>	NO	

BUILDING DESIGN			
State the name and type of business previously located in the space	Stage Door Delicatessen restaurant & deli		
Has a liquor licensed establishment previously occupied this space at any time? If yes, please provide the name of the business	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	360 Ninth Ave Corp
Do you plan any changes to the existing facade? if yes, please describe	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
Will applicant have a vestibule within the establishment?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
Will applicant use a storm enclosure?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
Will applicant agree not to place any items or obstructions on the sidewalk for example, sandwich boards, sidewalk signs, freestanding menus and plants as per the law?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Will applicant comply with the NYC noise code?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Will the establishment have any of the following (circle all that apply)	FRENCH DOORS	GARAGE DOORS	WINDOWS THAT CAN BE OPENED
Will applicant close all windows, French doors, garage doors when any music or amplified sound (including televisions) is played inside the establishment?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Will applicant close all windows, French doors, garage doors by 10 PM Friday and Saturday and 10 PM on all other days even if no music or amplified sound is played inside the establishment?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Has applicant obtained an acoustical report from a certified sound engineer to assess potential noise disturbance to the neighboring residents and buildings?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	AMB
Will applicant follow the recommendations of a certified sound engineer to mitigate potential noise disturbance to the neighboring residents and buildings including placing speakers on the floor of the establishment?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	DM
Will the kitchen exhaust system extend to the roof?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
Will the establishment have an illuminated sign?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
Will the establishment have a canopy extending over the sidewalk?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
Where will the air conditioner be located? What type is it?			
When was the air conditioner installed?			

OUTDOOR ITEMS - OTHER THEN SIDEWALK CAFÉ	N/A	
Has the applicant/owner(s) read MCB 4 Rear Yard Rooftop Policy?	YES	NO
Will applicant use any outdoor spaces (patio, rear yard, patio, porch, balcony, pavilion, tennis deck or gazebo)? If yes, which one(s)?	YES	NO
Are the floorplans for the outdoor space(s) included?	YES	NO
Will applicant close and vacate the outdoor space(s) by 11 PM on Friday & Saturday and 10 PM on all other days?	YES	NO
Will the service and consumption of alcohol in any outdoor space only be via seated food service?	YES	NO
Will applicant not allow standing space for patrons to drink or smoke in any outdoor space(s)?	YES	NO
Will there be no amplified music, as per the law?	YES	NO
If amplified sound is played inside the establishment, will windows and doors be closed?	YES	NO
Will applicant agree to post signs outside asking customers to respect the neighbors?	YES	NO
Will applicant agree to train staff to encourage a peaceful environment?	YES	NO
Will applicant provide effective sound control (landscaping enclosure soundproofing tenants apartments)?	YES	NO
Will there be a lighting plan that allows safe usage of the outdoor space without disrupting neighbors?	YES	NO

NO SIDE WALK CAFE

OUTDOOR ITEMS - SIDEWALK CAFE		
Has the applicant/owners read MCB4 Sidewalk Cafe Policy?	<input checked="" type="checkbox"/>	NO
Will applicant be applying for a sidewalk cafe now or in the future?	<input checked="" type="checkbox"/>	NO
Is applicant in this application seeking to include a sidewalk cafe in its liquor license?	<input checked="" type="checkbox"/>	NO
If yes, has applicant submitted an application and plans to NYC Dept. of Consumer Affairs? Please attach application and plans	YES	<input checked="" type="checkbox"/>
Will applicant close and vacate the sidewalk cafe by 11 PM on Friday & Saturday and 10 PM on all other days?	<input checked="" type="checkbox"/>	NO
Will applicant be serving alcohol in the sidewalk cafe? If so, will you have waiter service?	<input checked="" type="checkbox"/>	NO
Will the cafe have a 3 ft. wide serving aisle running the entire length of the sidewalk cafe?	<input checked="" type="checkbox"/>	NO
Will applicant mark the perimeter of the cafe on the sidewalk?	<input checked="" type="checkbox"/>	NO
Will the service and consumption of alcohol in the sidewalk cafe only be via sealed food service?	<input checked="" type="checkbox"/>	NO
Will the sidewalk cafe not provide standing space for drinking or smoking?	<input checked="" type="checkbox"/>	NO
Will applicant use any portable natural gas heaters? If so, do you have the requisite approvals from DOB & the Fire Department?	YES	<input checked="" type="checkbox"/>
Will applicant have a lighting plan that will allow safe usage of the outdoor space without disrupting neighbors?	<input checked="" type="checkbox"/>	NO
Will all furniture, plants and barricades be stored inside between the evening closing hours and the morning opening hours?	<input checked="" type="checkbox"/>	NO
Will all furniture be stored inside between December 21 st and March 21 st , and any other day when it rains or snows?	YES	NO
Will applicant use umbrellas?	<input checked="" type="checkbox"/>	NO
If construction or construction protection has reduced the sidewalk width, will applicant always maintain a 5 foot clear path of sidewalk between the perimeter of the cafe and the closest obstruction including construction barricades?	<input checked="" type="checkbox"/>	NO

ADDITIONAL STIPULATIONS: (Office Use Only)

THIS APPLICATION ~~DOES~~ DOES
EXTEND TO ANY SIDEWALK
CAFE.

APPLICANT WILL OBTAIN AN
ACOUSTICAL REPORT FROM NYC -
CERTIFIED ACOUSTICAL ENGINEER
AND SUBMIT TO CPY OFFICE
BY 2/23/19

APPLICANT ~~WILL~~ A COMMITTEE
TO IMPLEMENT ALL
RECOMMENDATIONS OF ~~THE~~ ACOUSTICAL
REPORT AND WILL ENSURE
THAT REPORT IS PROVIDED
AND NOT COVERED BY
NOISE TALK ESTABLISHMENT

To the extent any additional stipulation on pages 7 and 8 of this application conflicts with any response on pages 1 - 6 of this application, the stipulations on pages 7 and 8 control.

ADDITIONAL STIPULATIONS: (Office Use Only), Continued


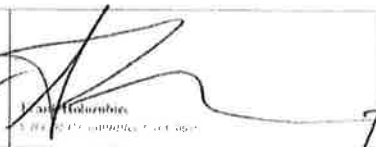
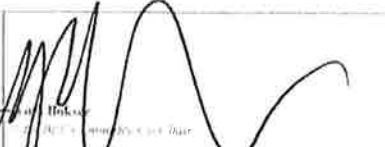
Applicant will use the assets
to obtain new, ~~unroofed~~ ~~roof~~ ~~of~~ ~~the~~
~~the~~ ~~roof~~ ~~of~~ ~~the~~ ~~building~~ ~~for~~
SECOND FLOOR TENANT IN
BUILDING.

To the extent any additional stipulation on pages 7 and 8 of this application conflicts with any response on pages 1 - 6 of this application, the stipulations on pages 7 and 8 control.

Manhattan Community Board 4 (MCB4) recommends
 (MCB4's recommendation is based on a vote taken at its
May 1, 2019 full board meeting, with **35** members voting in favor
 of the recommendation, **0** members opposed, **4** members
 abstaining and **0** present but not eligible)

Denial unless all stipulations agreed to by applicant/owner are part of the method of operation
 Denial Approval

CB4 REPRESENTATIVES

 Nelly Gonzalez CB4 Assistant District Supervisor	 [unclear] [unclear]	 [unclear] [unclear]
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APPLICANT AGREEMENT WITH THE COMMUNITY

Applicant agrees to these stipulations as the basis for the community support of this application and acknowledges that all of these stipulations are essential prerequisites to the MCB4 recommendation regarding this application. Applicant agrees to have these stipulations incorporated in the method of operation of its liquor license. The stipulations in this application constitute the entire agreement between MCB4 and applicant and may only be altered in writing signed by MCB4 and applicant. These stipulations supersede any oral statements or representations in connection with this application.

SIGN HERE → **Matthew Stewart**
 PRINT NAME OF APPLICANT SIGNATURE OF APPLICANT *Matthew Stewart* 2/12/19

President / Operations Manager

First name	Last name	ORGANIZATION	E-MAIL
Kathleen	Treat	HKNA (incl. Dog Run)	kathleentreat123@gmail.com
Frank	Strock	West 36th Street	morgen79@aol.com
Joe	Restuccia	CHDC (incl. Bob's & bird parks)	info@clintonhousing.org prestuccia2@clintonhousing.org
Ryan	Marcano	CHDC (incl. Bob's & bird parks)	rmarcano@clintonhousing.org
Bob	Benfatto	Hudson Yards Hell's Kitchen Alliance	rjbenfatto@hykalliance.org
Patty	Gouris	Hudson Yards Hell's Kitchen Alliance	pgouris@hykalliance.org
		Hotel Americano	
Scott	Hupe	Highline537	
Donna	Langman	Donna Langman Costumes	donna@donna-langman.com
Bill	Borock	Council Chelsea Block Association	wborock@hotmail.com
Christina	Berthel	CHEKPEDS	cberthel@me.com

Rider to Matthew P. Stewart

Cachet Hotel Group
510 West 42nd Street
New York, NY
Front Office Manager
2015 – Date

Gansevoort Hotel
18 9th Avenue
New York, NY
Front Office Manager
2014-2015

Americania Hotel
230 West 54th Street
New York, NY
Front Office Manager
2013-2014

SIDES



FRENCH FRIES

Small - \$4.70
Large - \$6.95

CHIMICHURRI FRIES

Like a burger, but with chimichurri

HERB GARLIC FRIES

Garlic, Dill, Parsley, Olive Oil

AIOLI FRIES

Garlic, Basil, Parsley, Lemon Juice

TRUFFLE CHEESE FRIES

Truffle Oil and Seasoning

LOADED FRIES

Cheddar, Bacon, Swiss, Ranch Dressing

SWEET POTATO FRIES

Truffle Oil and Seasoning

COLESLAW

Blue Cheese Dressing

MIXED GREENS

House Dressing

HOUSEMADE SAUCES



SPICY MAYO

\$1.50

COLESLAW

\$1.50

ALPORDENO MAYO

\$1.50

MORSEBROOK MAYO

\$1.50

SLACK IRON AT ALL

\$1.50

BBQ AT ALL

\$1.50

CRISP BUTTER

\$1.50

SPICY KETCHUP

\$1.50

BBQ KETCHUP

\$1.50

BBQ SAUCE

\$1.50

ALL NATURAL BURGERS

THE NOTORIOUS BIB SPECIAL BURGERS & SANDWICHES



THE BLACK IRON

Double beef, all natural beef, Double French fries, Cheddar, Swiss, Commaized Grilled Onion, Swiss, 100% Grassy Mayo

MUSHROOM TRUFFLE BURGER

100% All Natural Beef, Mushroom, Truffle Swiss, Cheddar, Bacon, Pickle, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

IBERICO BURGER

100% All Natural Beef, Iberico Pork, Bacon, Swiss, Pickle, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

BIB CHICKEN BURGER

Housemade Breaded Chicken, Pickle, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

SALMON BURGER

100% Housemade Salmon, Pickle, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

THE MASTERPIECE

100% All Natural Beef, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

ERIK BURGER

100% All Natural Beef, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

COSTILLA BURGER

100% All Natural Beef, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

THE PATTY MELT

100% All Natural Beef, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

TURKEY DELIGHT

100% All Natural Turkey, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

THE CLASSIC

CREATE YOUR OWN BURGER*



THE CLASSIC BURGER

100% All Natural Beef, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

CLASSIC TURKEY BURGER

100% All Natural Turkey, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

CLASSIC 100% VEGGIE BURGER

100% All Natural Veggie, Swiss, Cheddar, Swiss, Commaized Grilled Onion, Swiss, Double Truffle Mayo, Truffle, Commaized Grilled Onion, Swiss, Double Truffle Mayo

*A variety of bread types for Classic Burgers \$1.25

TOPPINGS



APPLEWOOD SMOKED BACON

\$0.65

MUSHROOM DUXELLES

\$0.65

AVOCADO

\$0.65

BLUED CHEESE

\$0.65

HORSERADISH CHEDDAR

\$0.65

PROVOLONE CHEESE

\$0.65

SWISS CHEESE

\$0.65

CHEDDAR CHEESE

\$0.65

ROBT BELL'S MUSHROOM

\$0.65

CARAMELIZED ROASTED PEPPERS

\$0.65

CARAMELIZED GRILLED ONIONS

\$0.65

CJUN SPICES

\$0.65

ALPORDENO

\$0.65

SCALLIONS

\$0.65

LETTUCE

\$0.65

TOMATO

\$0.65

RED ONION

\$0.65

PICKLES

\$0.65

STARTERS & SALADS



BLACK IRON CAESAR SALAD - \$8.95
 Romano Hearts, Cherry Tomatoes, Garlic, Potatoes, Seed, Onions, Freshly Shaved Cheese, Stock, Dry, Cream Dressing.

ARGUED MEXICAN SALAD - \$8.55
 Baby Spinach, Avocado, Beef or Pork, Tomatoes, Red Onion, Cilantro, Grilled Chicken, Serrano Dressing.

BIB LOADED SALAD - \$9.95
 Creamy Pecan, Avocado, Shaved Carrots, Truffle, Pineapple, Cauliflower, Lentils, Vinogradito, Cheese, Serrano, Honey Mustard Dressing, Grilled Chicken.

VUOL CHIPS & GUACAMOLE - \$8.25
 Handmade Potatoes with Guacamole & Queso Pasa.

BIB CHICKEN WINGS - \$11.95
 All-American, Golden, Handmade, Truffle, Chicken, Wings, Onions, Truffle Dressing, Serrano.

CHIPOTLE BBQ WINGS - \$11.75
 Serrano, Spices & Serrano.

SPICY ADOBO CHICKEN FINGERS WITH FRIES - \$9.15
 Handmade with BBQ.

POPCORN CHICKEN - \$8.15
 Handmade with Cheese, Shaved Carrots, Potato.

HORSERADISH CHEESE STICKS - \$8
 Handmade with Shaved Cheese, Serrano.



STAY SOCIAL @BLACKIRON

DESSERTS



HOUSEMADE NUTELLA BROWNIE - \$8.25
 With Handmade Sauce and Shaved Ice Cream.

HOUSEMADE CRANBERRY BREAD PUDDING - \$6.25
 Served with Strawberry Ice Cream.

MILK SHAKES - \$5.00
 All Natural Ice Cream, Strawberry or Vanilla, Milk, Vanilla, or Caramel, Caramel, Raspberry, Blueberry, or Cheesecake.

SODAS & NON-ALCOHOLIC BEVERAGES



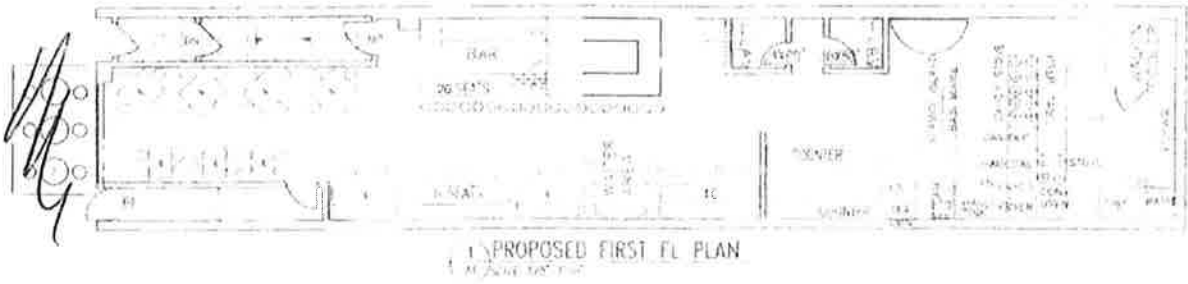
\$1.95
 Fruit, Soft Drink, Soda, Coffee, Tea, Beer, Wine, and Non-Alcoholic Beverages.

BLACK IRON BURGERS ARE MADE OF ALL NATURAL, LIFETIME ANTIOXIDANT, ETHIC AND NON-GMO, FRESH MEATS.

CALL BRUNO OR KATE AT (718) 339-3333

EAST VILLAGE 100 EAST 10TH STREET, NEW YORK, NY 10003
BROOKLYN 304 EAST 10TH STREET, BROOKLYN, NY 11211

360 9TH AVE., NEW YORK, NY





ACOUSTILOG INC.

19 Mercer Street, NY, NY 10013 (212) 925-1365 Fax: (212) 966-4216 www.acoustilog.com

March 6, 2019

Mr. Chowdhury M. Elahi
New Mates Global, Inc.
360 Ninth Avenue
New York, NY 10001

Re: Restaurant Noise

Dear Mr. Elahi,

I inspected the premises on March 4, 2019 to determine what measures should be implemented to control noise transfer to the nearby residents.

DBA VS ONE-THIRD OCTAVE BAND MUSIC LEVELS

One way that the sound levels were measured was using the A-weighting decibel scale. The dB (A) decibel scale (see Noise Code Section §24-231 a1) is the most common type of sound measurement, which represents an overall measurement of all frequencies, but with a strong tendency to ignore the low-frequency "bass" sounds. The A-weighted decibels require only a simple sound level meter to measure them. They are shown in the dBA column on the right-hand side of the frequency graphs in this report. dBA is what the City DEP inspectors usually use, and they normally consider anything above 42 dBA to be unreasonable.

The C-weighted decibels or dBC (see Noise Code Section §24-231 a3) are also an overall measurement of all frequencies, but this measurement includes the important low-frequency "bass" sounds. However, dBC readings pick up so many frequencies at the same time that they usually do not distinguish between normal background noise and music beats.

One-third octave band sound level readings (see Noise Code Section §24-231 a2) were also taken, using a complex spectrum analyzer. These readings are measured in decibels, or dB. The loudest sounds produced by the music are in the low frequencies below 200 Hertz. This is commonly called bass, which sounds like thumping or vibration, and is the sound most likely to cause neighbor complaints. Bass and drums usually cause sounds in these frequency ranges. They are shown on the left-hand side of the graph.

THE NOISE CODE - MUSIC

§24-231 Commercial music.

(a) No person shall make or cause or permit to be made or caused any music originating from or in connection with the operation of any commercial establishment or enterprise when the level of sound attributable to such music, as measured inside any receiving property welling unit:

(1) is in excess of 42 dB(A) as measured with a sound level meter; or

(2) is in excess of 45 dB in any one-third octave band having a center frequency between 63 hertz and 500 hertz (ANSI bands numbers 18 through

27, Inclusive), in accordance with American National Standards Institute standard S1.6-1984; or

(3) causes a 6 dBC or more increase in the total sound level above the ambient sound level as measured in decibels in the "C" weighting network provided that the ambient sound level is in excess of 62 dBC.

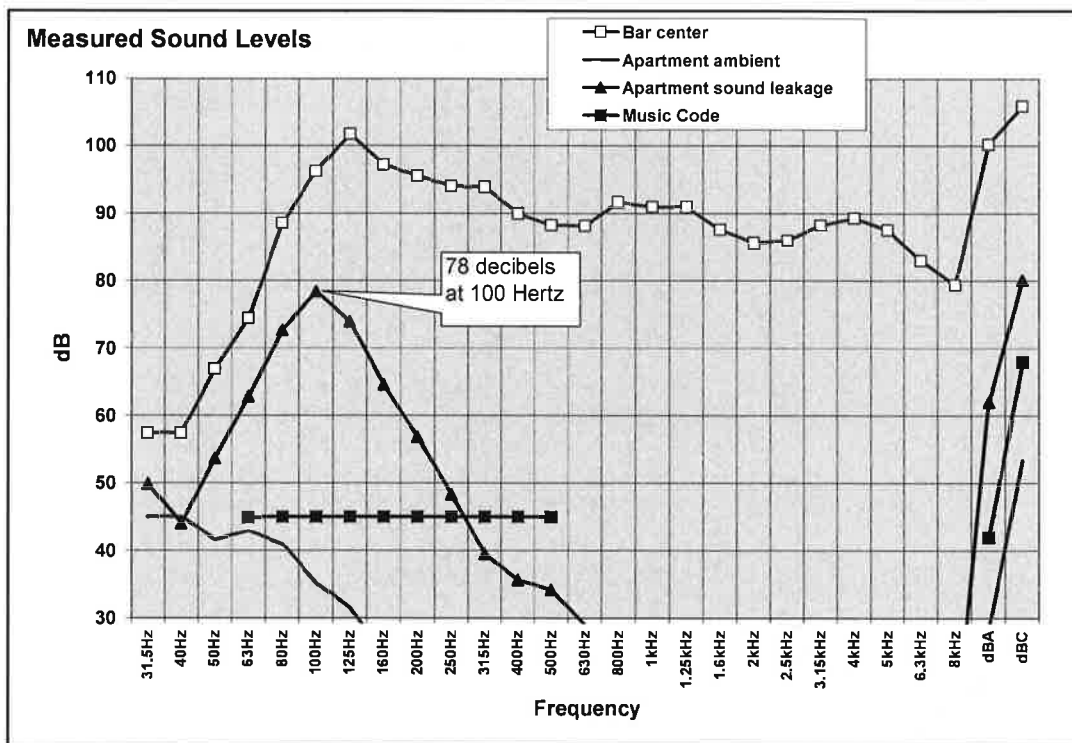
TEST AND INSPECTION

With a test sound system playing loud sound in the restaurant, I took sound readings inside and above. The speaker was set to maximum volume, which measured 106 dBC, slow response, in the center of the room.

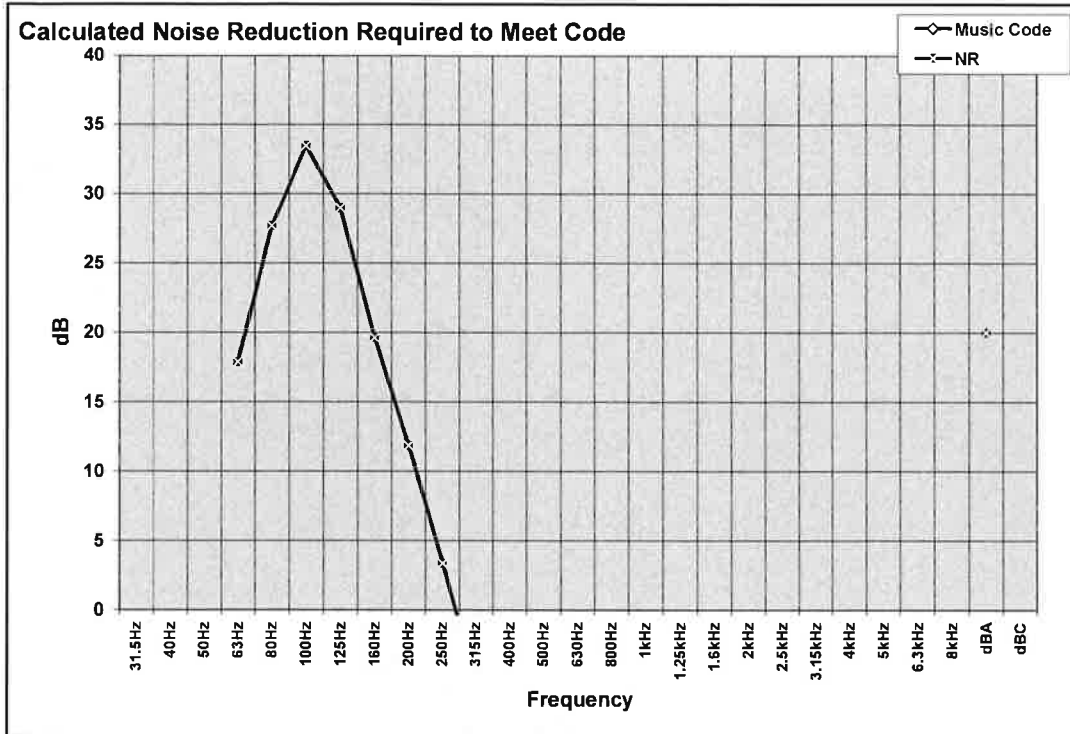
Listening to the walls and floor in the apartment upstairs, I determined that the sound transmission is primarily due to the ceiling/floor path.

RESULTS

The graph below shows that the bass sound at 100 Hertz is what would be heard the loudest in the apartment upstairs. The sound measured 78 decibels inside the apartment, with the test sound source producing 106 dBC.



After calculating the difference between the measured sound and the allowable 45-decibel Code limit, the required Noise Reduction compared to the test sound level of 106 dBC was graphed below.



ANALYSIS

33 decibels of low-frequency Noise Reduction is required. This can be achieved by lowering the sound level in the restaurant to $106 - 33 = 73$ dBC.

Alternatively, by reducing the bass sound below 160 Hertz by at least 13 decibels, the overall level could then comply with the Code if the overall level was 86 dBC. This is a more practical method and can be achieved using a sound processor with an equalizer and limiter.

Either method would comply with the 45-decibel Code limit at 63 – 500 Hertz as well as the 42 dBA limit.

These sound control measures are preferable to modifying the soundproofing which would mean removing the existing decorative ceiling.

RECOMMENDATIONS: SOUND SYSTEM

1. The music level must be effectively controlled in the restaurant. Therefore, an important step is to properly design the sound system.
 - a. Distributed speakers are recommended to provide an even and distributed sound. Small speakers such as Behringer Monitor 1 or JBL Control 1 should be used, with woofers no larger than 6 inches.
 - b. I recommend installing 8 speakers on the wall. Do not mount the speakers at the ceiling; try to mount them at 8 feet or lower.
 - c. Do not use subwoofers.
 - d. No special resilient mounts are required.

- e. Run each speaker's wire back to the amplifier to simplify an otherwise complicated hookup. This is called "home run" wiring. Use #18 gauge zip cord for the speakers. Do not buy Monster cable.
2. Any good commercial stereo power amp of 75 watts per channel or higher, preferably without volume controls, can easily handle all the speakers in the room. This is done using the series-parallel hookup arrangement shown in the diagram.
3. The system should be set up in stereo. Stereo sounds louder to the customers without actually increasing the sound that travels upstairs. Alternate the speakers left/right.
4. The sound system will incorporate an equalizer. The equalizer will then feed into a compressor or "limiter". Both functions can be accomplished with a DBX DriveRack PA+, which is a deterrent to volume-abusing employees. Installed in the system right before the amplifier and locked electronically, it will prevent the sound system from exceeding a pre-determined sound level, set by the sound installer. If the sound system is turned up too high, the limiter will activate and guarantee that the actual sound never exceeds the desired maximum.
 - a. The amplifier must be set to maximum level during this process so it cannot be turned up further at a later time.
 - b. Attenuate (lower) the low frequencies using a high-pass filter set to a 3 dB down point of 150 Hertz. The filter should have a cutoff rate of 24 dB/octave.
 - c. Set the compressor Ratio control to infinity, Over-Easy to off, and the Threshold control so as to normally limit only 3 decibels during typical music playing. If the music tries to get louder for any reason, the sound will stay at the same volume.
 - d. Using the compressor output level control to set the sound level 3 feet from any speaker to 83 dBC Slow. The sound installer can do this with a simple Radio Shack sound level meter. Set the meter to read "C", and "Slow". This will be a good starting point from which to operate the sound system.
 - e. To ensure accuracy of the meter, you can bring it to my office to be calibrated.
 - f. This unit would be set in conjunction with tests made of noise levels in the apartment.

If I can be of further assistance, please call.

It is strongly recommended that all complicated construction projects get regular inspection visits at critical times, to make sure the system performs properly. This is an optional service which I can provide. All Acoustilog, Inc.-designed information supplied is for the original client and may not be copied in any way for different projects by any architect, consultant, engineer or other party. Copyright Acoustilog, Inc. © 2019. All rights reserved. No reproduction of any type permitted without written permission of Acoustilog, Inc.

Yours Truly,

Alan Fierstein



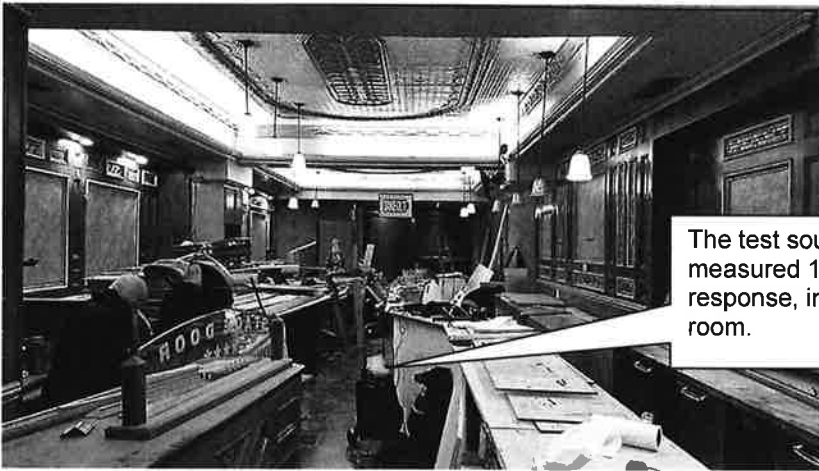
President

acoustilog1@verizon.net

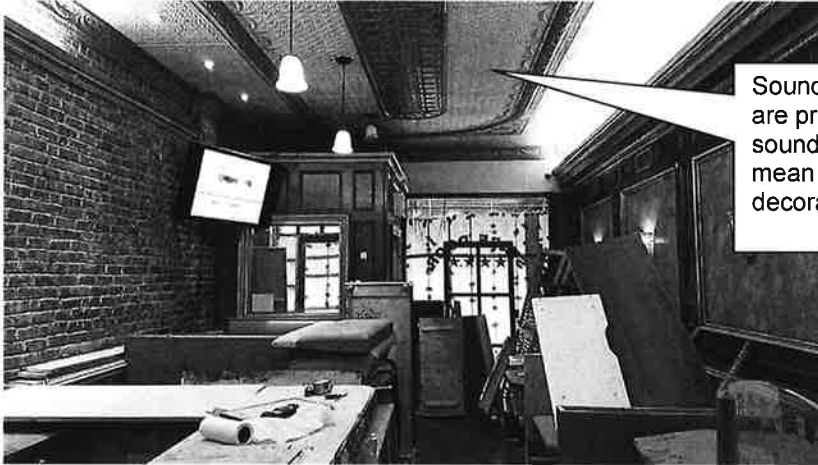
All readings re: .0002 microbar. Readings taken with Bruel & Kjaer 2260/2270 Analyzer, Bruel & Kjaer 4135, 4145, 4165, 4189 or 4190 Microphone, Acoustilog 232A Reverberation Timer. Calibrated to Bruel & Kjaer 4220 Sound Source or Quest CA-15A.



I took sound readings inside the restaurant and in the apartment upstairs.



The test sound system measured 106 dBC, slow response, in the center of the room.



Sound system control measures are preferable to modifying the soundproofing, which would mean removing the existing decorative ceiling.



Control[®] 1 Pro

Two-Way Professional
Compact Loudspeaker
System

Professional Series

Key Features:

- ▶ 150 Watts Continuous Power Handling
- ▶ Professional Drivers and Crossover Network
- ▶ Included Mounting Bracket
- ▶ Transparent and Faithful Sonic Performance
- ▶ Magnetically Shielded Transducers
- ▶ SonicGuard™ Overload Protection
- ▶ Available in Black or White Finishes

Applications:

Representing the next-generation in professional high-performance, compact loudspeaker systems, the Control[®] 1 Pro builds on its proud heritage while incorporating the latest innovations in JBL Professional loudspeaker systems design. Featuring proven JBL transducer technologies, the Control 1 Pro is perfect for a wide variety of critical near-field audio applications.

With independent, monitor-grade high and low frequency drivers, the Control 1 Pro's professional crossover network provides steep slopes for exceptional sonic performance and incorporates full-range SonicGuard™ overload protection into the design ensuring network and transducer protection from excessive power surges from the amplifier.

The Control 1 Pro's rugged and durable molded enclosure houses magnetically shielded transducers making it ideal for use with video and computer monitors or other magnetically sensitive equipment. Moreover, the Control 1 Pro's compact design makes it ideal for audio-visual applications, computer workstations, recording and broadcast studios, mobile audio-video control rooms and foreground and background music.

The Control 1 Pro can easily be mounted against a wall or other flat surface with the enclosed brackets or simply used as a bookshelf speaker.



Specifications:

System:

Frequency Range (-10 dB):	80 Hz - 20 kHz
Frequency Response (+/- 3 dB):	100 Hz - 18 kHz
Power Capacity ¹ :	150 W
Sensitivity ² :	87 dB SPL, 1 W 1 m (3.3 ft)
Maximum SPL ³ :	108 dB continuous, 114 dB peak
Directivity Factor (Q):	6.0
Directivity Index (DI):	7.8 dB
Nominal Impedance:	4 ohms
Crossover Frequency:	4.2 kHz
Overload Protection:	Full-range SonicGuard™ power limiting to protect network and transducers

Transducers:

LF Driver:	135 mm (5.25 in) low frequency loudspeaker
HF Driver:	19 mm (.75 in) polycarbonate dome tweeter
Input Connectors:	Spring-loaded terminals

Enclosure:

Enclosure Material:	Polypropylene Structural Foam
Finish:	Black (C1Pro) or White (C1Pro-WH)
Dimensions:	235 mm x 159 mm x 143 mm (9.3 in x 6.3 in x 5.6 in)
Net Weight (each):	1.8 kg (4 lb)
Shipping Weight (pair):	4.6 kg (10 lb)
Included Accessories:	Mounting Bracket Assembly

¹IEC Standard, full bandwidth pink noise with 6 dB crest factor; 2 hour duration.

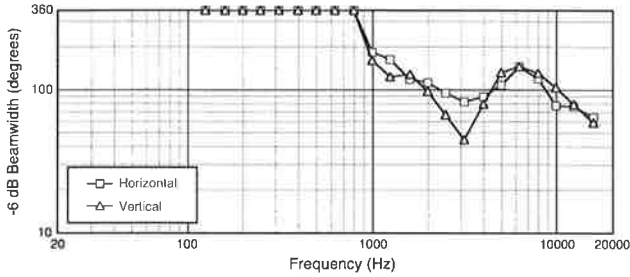
²Average 1 kHz to 10 kHz

³Calculated based on power rating and sensitivity, exclusive of power compression.

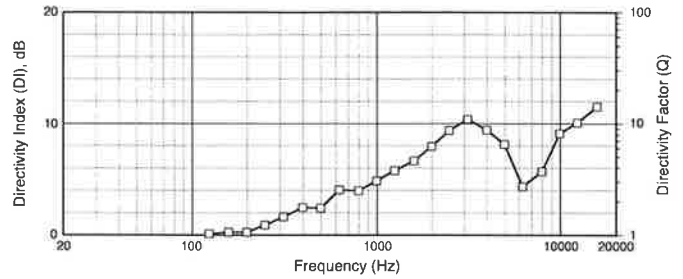
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▶ Control 1 Pro Two-Way Professional Compact Loudspeaker

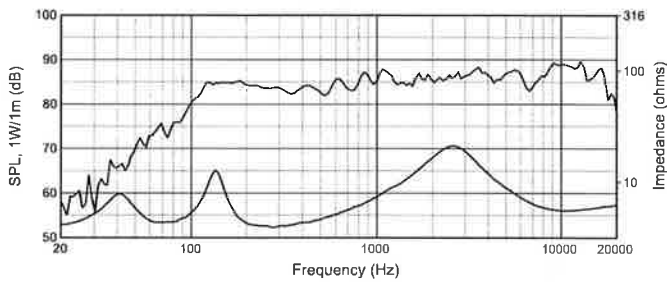
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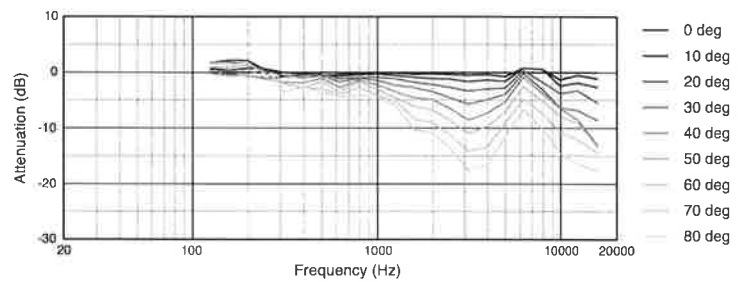
Directivity Index:



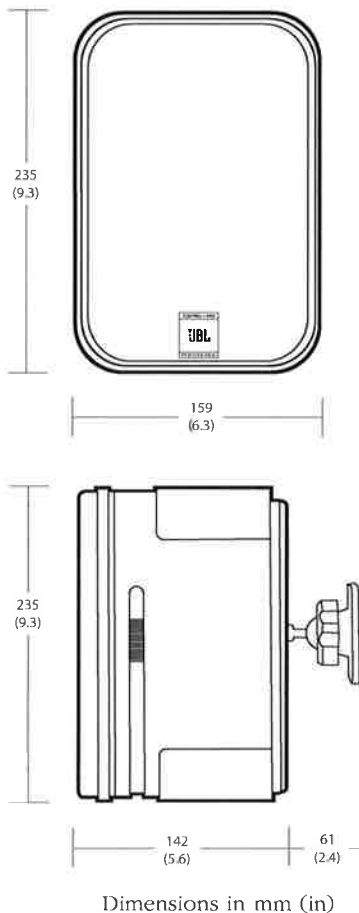
Frequency Response:



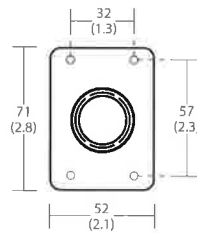
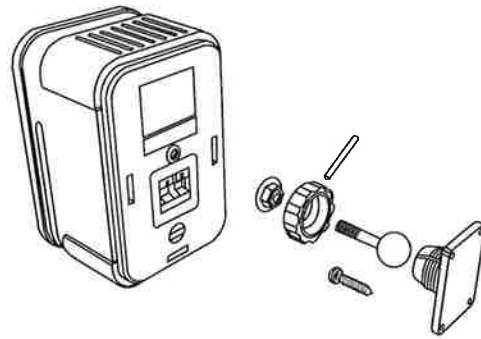
Horizontal Off-Axis Frequency Response:



Dimensions:



Mounting Bracket:



JBL Professional
 8500 Balboa Boulevard, P.O. Box 2200
 Northridge, California 91329 U.S.A.

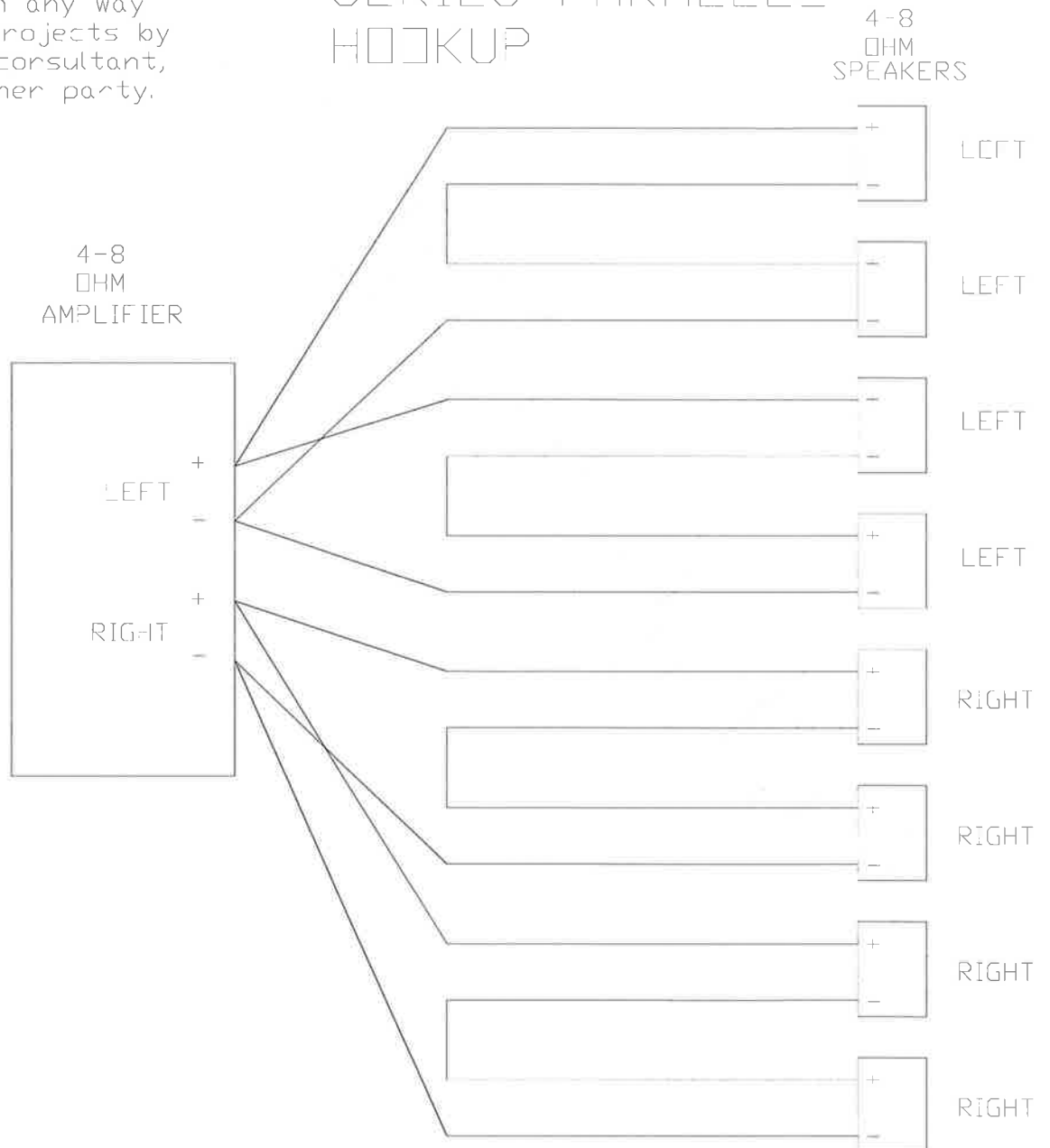
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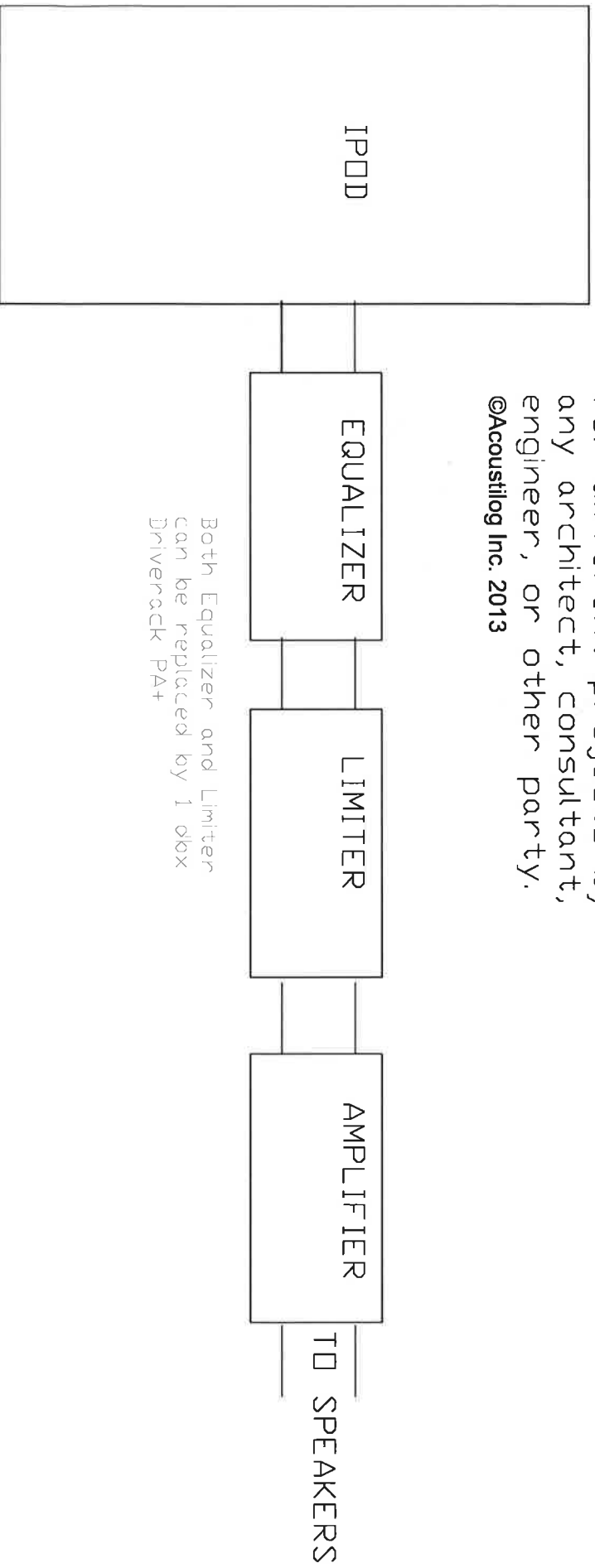
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ACOUSTILOG SERIES-PARALLEL HOOKUP



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Both Equalizer and Limiter
can be replaced by 1 dbx
Driverack PA+



Larger Images

ALL YOU NEED TO GET THE MOST FROM YOUR PA. NOW WITH COMPLETE CONTROL FROM YOUR MOBILE DEVICE.

The DriveRack PA2 provides all the processing you need between your mixer and amplifiers to optimize and protect your loudspeakers. With the latest advancements in dbx's proprietary AutoEQ™ and AFS™ algorithms, a new input delay module for delaying the FOH system to the backline, Ethernet control via an Android®, iOS®, Mac®, or Windows® device, and updated Wizards, the DriveRack PA2 continues the DriveRack legacy of great-sounding, powerful, and affordable loudspeaker management processors, for a whole new generation.



Control Applications for Android, iOS, Mac, and Windows

AUTOEQ™

New, improved AutoEQ algorithm ensures an extremely accurate, fast, and non-intrusive automatic EQ experience.

With the RTA Mic "listening" to your room, the new, updated DriveRack PA2 AutoEQ algorithm sets speaker levels and room EQ automatically in a matter of seconds. This means room adjustments can now be made very quickly, without subjecting the audience to annoying, lengthy broadcasts of pink noise.

ENHANCED AFS™ FEEDBACK ELIMINATION

Enhanced AFS™ algorithm for faster, more precise feedback elimination, without adversely affecting your system's tone.

Nothing turns audiences away like annoying and potentially painful audio feedback. Fortunately, dbx engineers have revisited their already-stellar Advanced Feedback Suppression algorithm and made it work even better. The DriveRack PA2 listens for and anticipates feedback and adjusts speaker output automatically before it even has a chance, while never altering your sound.

UPDATED WIZARD SETUP FUNCTIONS

Updated Wizards make initial set up easy, while ensuring speaker tunings and other settings are up-to-date.

Wizard functions on the DriveRack PA2 guide you through easy, step-by-step processes to help you get the most from your loudspeaker system. Helps you easily configure level balancing, AutoEQ, Advanced Feedback Suppression, and provides access to built-in and constantly updating speaker tunings from most major speaker manufacturers.

AVAILABLE INPUT PROCESSING

- > dbx Compression
- > AFS™ (Advanced Feedback Suppression)
- > Graphic EQ
- > 8-Band Parametric EQ (adjusted when using the AutoEQ)
- > Subharmonic Synthesis

AVAILABLE OUTPUT PROCESSING

- > Crossover (supports full range, 2-way, and 3-way systems)
- > 8-Band Parametric EQs (used for speaker tunings)
- > dbx Limiting
- > Driver Alignment Delays

DriveRack PA2

Complete Loudspeaker Management System

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OVERVIEW

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- 10-Way Surround
- 10-Way Center
- 10-Way Delay
- 10-Way Matrix
- 10-Way Matrix
- 10-Way Matrix
- 10-Way Matrix



Features

- > All New Setup Wizard
- > Streamlined AutoEQ™
- > All New AFS™ (Advanced Feedback Suppression)
- > Mobile Control (Android®, iOS®, Mac®, Windows®)
- > dbx Compression
- > Graphic EQ
- > 8-Band Parametric EQ (adjusted when using the AutoEQ) Input
- > Subharmonic Synthesis
- > Crossover (supports full range, 2-way, and 3-way systems)
- > 8-Band Parametric EQs (used for speaker tunings) Output
- > dbx Limiting
- > Driver Alignment Delays

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Product Summary

Fine-tune your audio.

Fine-tune your PA or stereo systems audio response to match the acoustic environment with this Digital Sound Level Meter. It comes with a carrying case for travel and features an easy-to-read display.

- Carrying case protects the meter when traveling
- Easy-to-read display, sound range 30-130db, digit LCD display
- You can fine-tune your PA or stereo systems audio response to match the acoustic environment

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Shipping

Usually ships in 1 - 2 business days

In store: [Check availability](#)

By phone: 1-800-843-7422

Manufacturer Warranty

- Parts: 12 month
- Labor: 12 month