

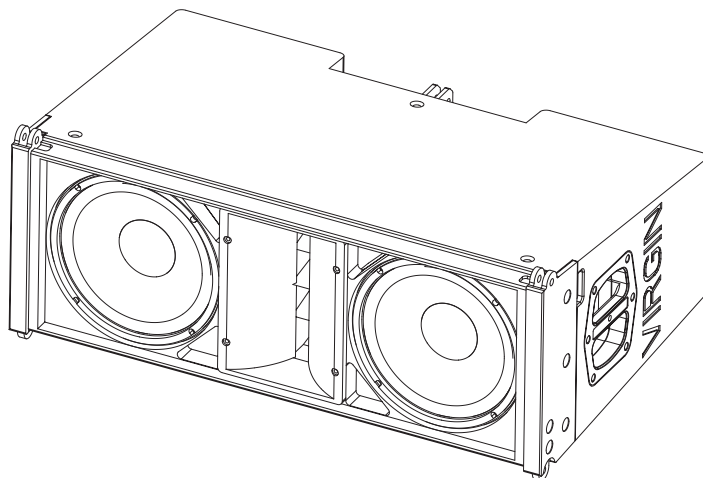


Unbroken Superiority

USER'S MANUAL

GMX-208/GMX-214B/GMX-18A/GMX-210/GMX-210A/GMX-215s/GMX-218

PASSIVE/ACTIVE LINE ARRAY LOUDSPEAKERS



Manufactured By:

Virgin UK Global Electronics Ltd.

www.virginelect.com

IMPORTANT SAFETY SYMBOLS



Use only with cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions, which may be sufficient to constitute the risk of electric shock or death.



The symbol is used in the service documentation to indicate that specific component shall be replaced only by the component specified in that documentation for safety reasons.



Protective grounding terminal



Alternating current/voltage

ON : Denotes the apparatus is turned on.



Hazardous live terminal

OFF : Denotes the apparatus is turned off.

WARNING : Describes precautions that should be observed to prevent the danger of injury or death to the operator.

CAUTION : Describes precautions that should be observed to prevent danger of the apparatus.

1. IMPORTANT SAFETY INSTRUCTIONS

- **Read these instructions.**
- **Keep these instructions.**
- **Heed all warning.**
- **Follow all instructions.**

• **Water & Moisture**

The apparatus should be protected from moisture and rain, can not be used near water, for example: near bathtub, kitchen sink or a swimming pool, etc.

• **Heat**

The apparatus should be located away from the heat source such as radiators, stoves or other appliances that produce heat.

• **Ventilation**

Do not block areas of ventilation opening. Failure to do so could result in fire. Always install in accordance with the manufacturer's instructions.

• **Object and Liquid Entry**

Objects or liquids should not fall or spill into the inside of the apparatus for safety.

• **Cleaning**

Clean only with a dry cloth. Do not use any solvents such as benzol or alcohol.

• **Servicing**

Do not implement any servicing other than those means described in the manual. Refer all servicing to qualified service personnel only.

- Only use accessories/attachments or parts recommended by the manufacturer.

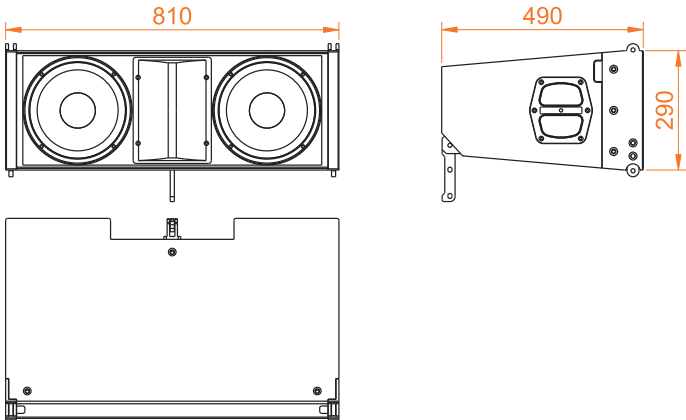
Introduction

- 1.Compact design, concise, elegant and wear-resisting appearance;
- 2.Precise suspension system for easy installation and uninstallation, high reliability;
- 3.The working impedance is designed with 16Ω HF and 8Ω LF for the whole cabinet, convenient engineering configuration;
- 4.Bright, exquisite and hierarchical treble; thick and powerful bass, best option for stadium, theater, etc
- 5.Used as front speaker of medium/small amplifier system; suitable for conference room, multi-function hall, theater, auditorium, church, etc

Specification

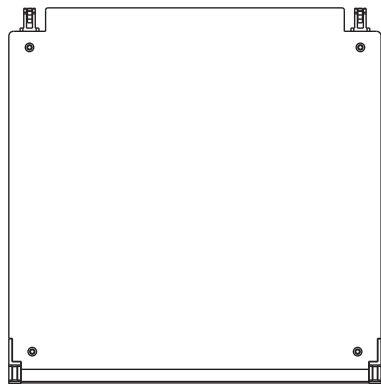
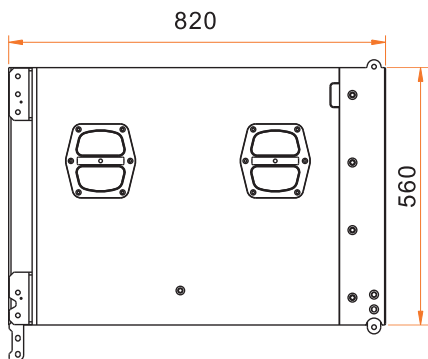
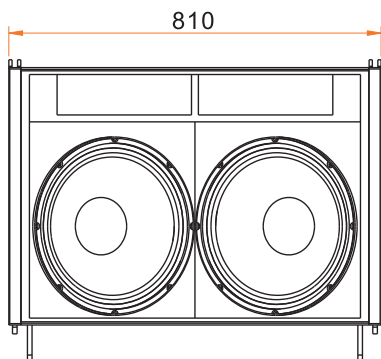
GMX-210

type	2 way line array
frequency response	70Hz -20kHz
coverage	120(H)x10(V)
LF unit	2x10"/Nd magnet
HF unit	2x1.75" compression driver/Nd magnet
sensitivity(1W@1m)	HF: 110dB / LF: 102dB
rated impedance	HF: 16Ω / LF: 8Ω
power	HF: 120W / LF: 800W
max SPL	HF: 137dB / LF: 135dB
crossover	2KHz (external)
dimension(WxHxD)	810x290*490(mm)
weight	28kg
angle	0、1、2、3、4、5、6、7、8、9、10 degree adjustable



GMX-215s

Type	Line Array LF Speaker System
Frequency response	35Hz~500Hz (-10dB) 40Hz~400Hz (± 3 dB)
Coverage	/
LF Unit	2×15" (385 mm) / 4" voice coil
Sensitivity (1W@1m)	101dB
Nominal Impedance	4 Ω
Rated Power	2000W (Continuous) , 8000W (Peak)
Max. SPL	139dB
Crossover	200Hz
Dimension(WxHxD)	810×560×820(mm)
Weight	68kg



SAFETY INSTRUCTION

- 1) Please ask professional technician for hanging the cabinets.
- 2) GMX-210 can suspend no more than 12pcs speakers; GMX-215s no more than 4pcs speakers.
- 3) Please ask qualified audio engineer to adjust the audio of the cabinet system. Meanwhile, pay attention to specification adjustment to avoid any damage of audio instruments.
- 4) Do not plug in/out the signal wire while amplifier operates.
- 5) Avoid any audio feedback to damage the apparatus during operation.
- 6) Do not disassemble the metal grille.
- 7) Use a dry cloth for cleaning. Do not use any solvent, e.g. benzol, acetone & alcohol etc.
- 8) Keep the apparatus away from moist, hi-temperature, big temperature difference environment.
- 9) Clean the surface regularly. Pack the apparatus in canvas bag or box before transportation.

Part Three - Panel Operation

Line Array Cabinet System GMX-210

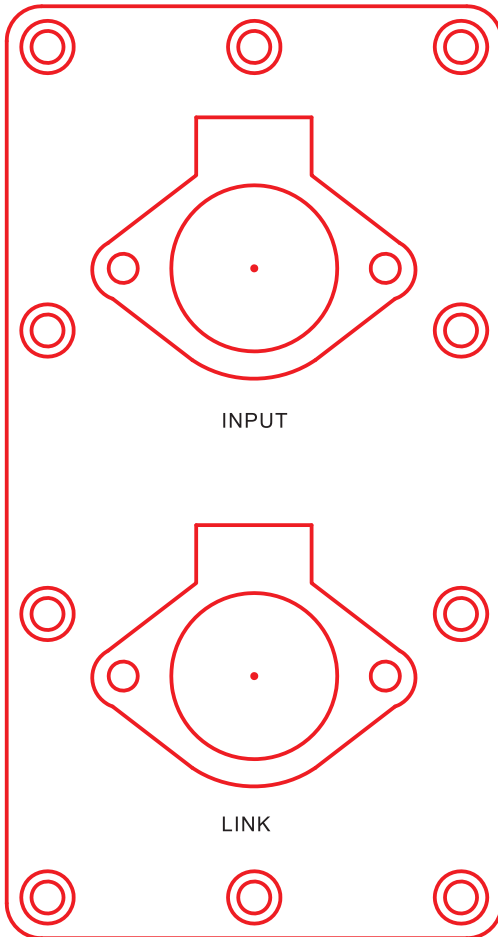
Line Array Cabinet System GMX-210 comprises 2 10" speakers and 2 44mm high frequency compression drivers, treble covering 120°(horizontal) x 10°(vertical). Designed with pro 4-core connectors, line #1 connects LF+, #2 connects LF-, #3 connects HF+, #4 connects HF-, and cable connected between 2 sockets.

1) Signal input connector(INPUT)

Professional speaker connector for signal input to link with external power amplifier.

2) Signal outputconnector(OUTPUT)

Professional speaker output connector, mainly used to link with another speaker cabinet.



Part Three - Panel Operation

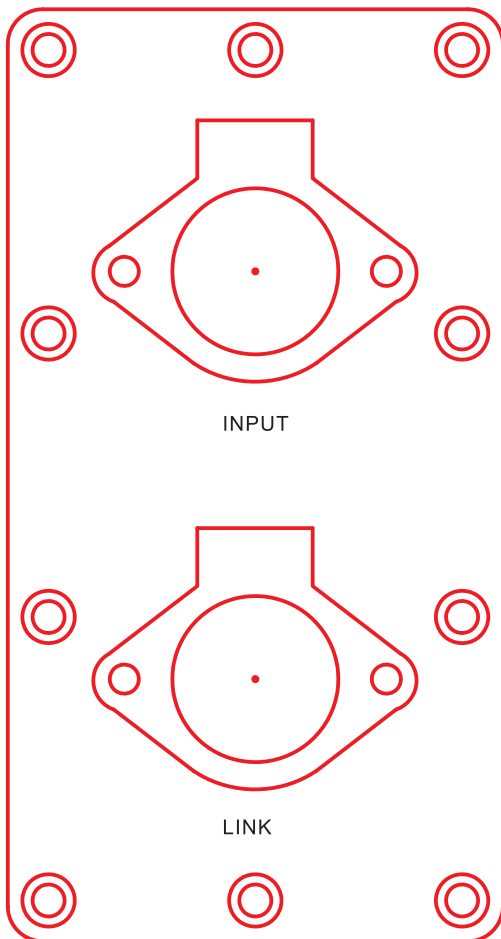
Bass Cabinet System GMX-215s comprises two 15" speakers. Designed with 4-core connectors, #1 connects Horn+, #2 connects Horn-, and cable connected between 2 sockets.

1) Signal input connector(INPUT)

Professional speaker connector for signal input to link with external power amplifier.

2) Signal outputconnector(OUTPUT)

Professional speaker output connector, mainly used to link with another speaker cabinet.



Part Four - Installation

Designed with easy and reliable suspension structure for fast suspension into vertical array; alternatively, GMX-215s can be placed on the floor, on the top of which GMX-210 can be piled. The function can be greatly expended.

1.Hoist.

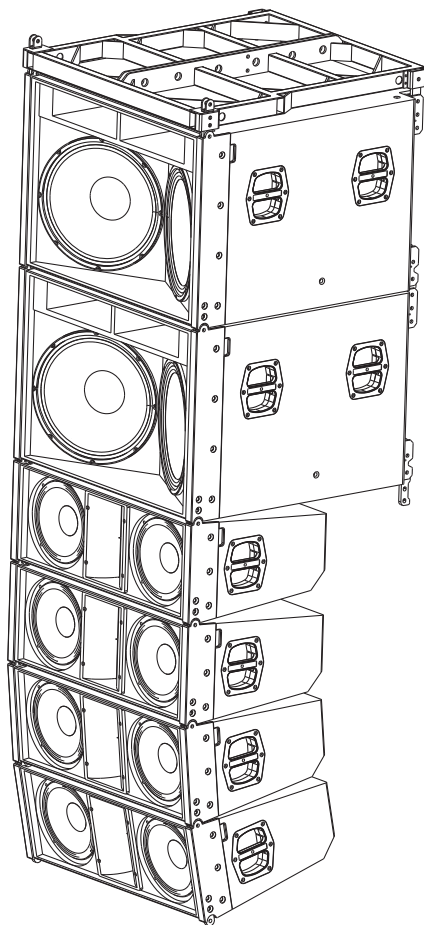
2.Top frame:

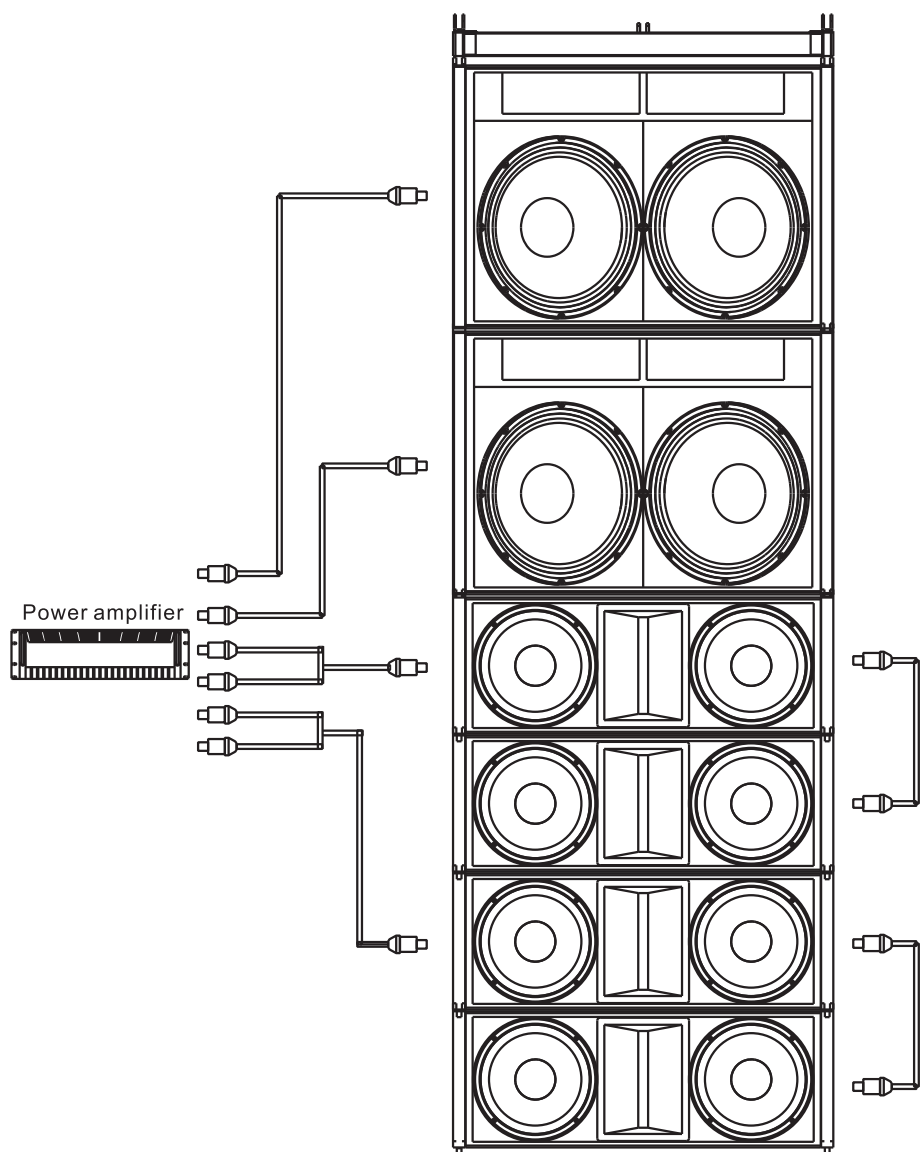
Install the shackle on bracket, fasten tape on shackle, then hang it on the hoist and adjust the balance.

Fasten both front and rear link blocks on bracket by inserting pin.

3.GMX-215s installation: match the link blocks already fastened on bracket to the mounting holes, then insert the pins for fixation.

4.GMX-210 installation: match the link blocks of GMX-215s to the mounting holes of full-range speaker, then insert the pins for fixation.

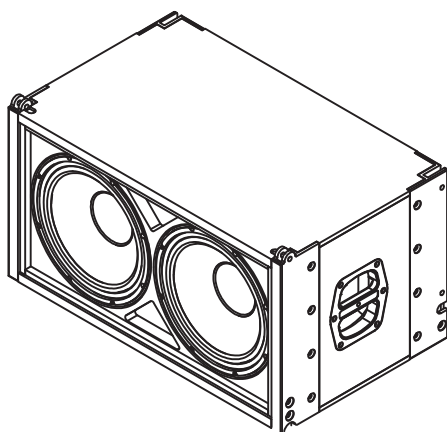




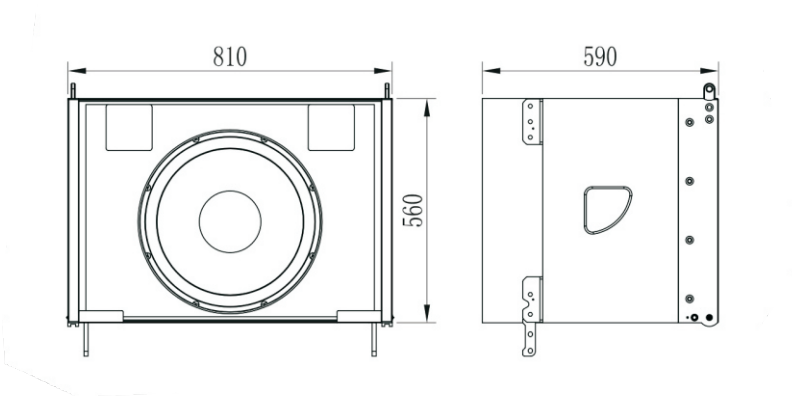
Configuration

Device	Model	Unit	Quantity	Remark
Speaker	GMX-210	PCS	4	
Speaker	GMX-215s	PCS	2	
Bracket		PCS	1	Optional
Tape		PCS	1	Optional
Shackle		PCS	4	Optional
Hoist		PCS	1	Optional

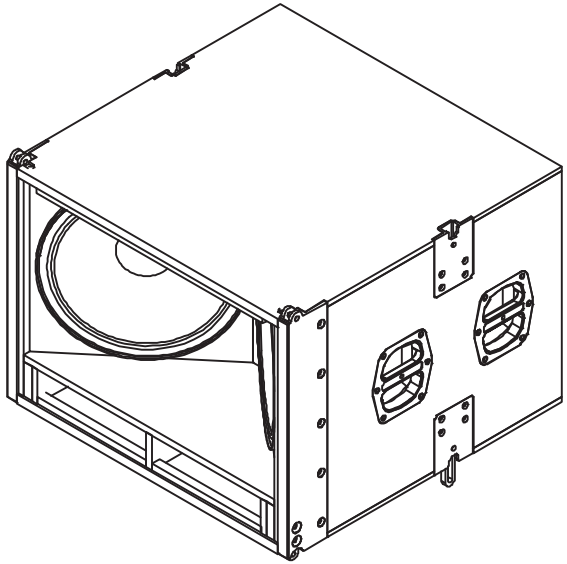
Model	GMX-208
Type	Two-way line array cabinet
Frequency Response	65Hz~19kHz(-10dB)80Hz~18kHz(±3dB)
Horizontal Coverage(-6dB)	90°
Vertical Coverage(-6dB)	6°
MF/LF	2x8"(203mm)/2"voice coil
HF	2x1.75"(44mm)compressiondriver/NdFeB Magnet
Sensitivity(1W@1m)	LF:96dB HF:108dB
Rated Impedance	LF:16Ω HF:16Ω
Rated Power	LF:300W(continuous), 1200W(peak)
Max.SPL(@1m)	HF:80W(continuous), 320W(peak)
	LF:127dB HF:133dB
Crossover	250Hz, 2kHz(external)
Dimension(WxHxD)	722x260.4x440(mm)
Weight	30 kg
Vertical Dispersion	0°~6°each grade 1°



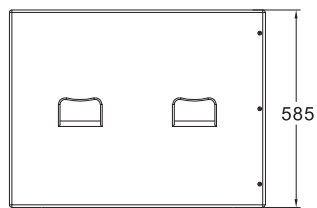
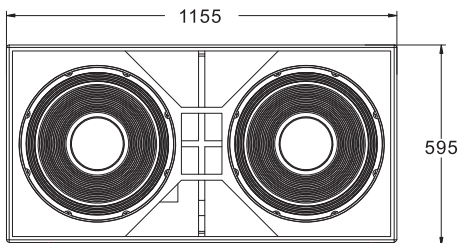
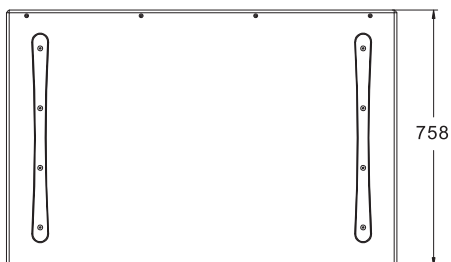
Model	GMX-18A
Type	Active Line Array Woofer
Frequency Response	32Hz~400Hz (-10dB) 35Hz~300Hz (±3dB)
Low	1×18" (457 mm)
Input Sensitivity	0dBu
Voltage	230V
Power	1500W
Max. SPL	132dB
Dimension (WxHxD)	810×560×590(mm)
Weight	44kg



Model	GMX-214B
Type	2×15" subwoofer
Frequency response	45Hz~300Hz (-10dB)
Rated power	1000W(continuous)/4000W(peak)
Sensitivity	98 dB
Rated impedance	4 Ω
Dimension	722×703×522 (mm)
Weight	49.5kg

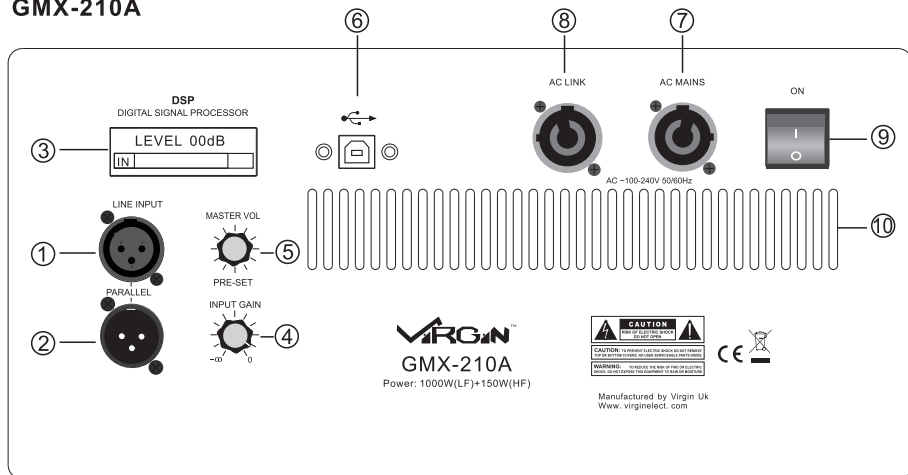


Model	GMX-218
Type	18inch passive bass reflex
Frequency Response (-10dB)	32Hz~200Hz
Sensitivity (1W@1M)	99dB±3dB
Max SPL	138dB
Rated Power	(continue) 2000W, (peak) 8000W
Nominal Impedance	4Ω
Crossover	200Hz
Input	2 x SPEAKON
LF Unit	2 x 18" woofer/ 100mm voice coil/ 2000W/ 4Ω
Dimension(WxDxH)	1115*595*758(mm)
Net Weight	83kg
Gross Weight	92.3kg



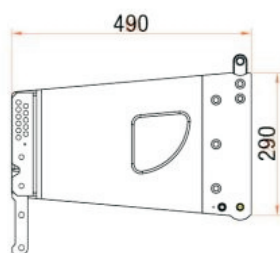
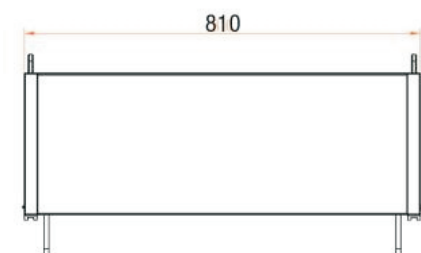
Function

GMX-210A



- 1). LINE INPUT: bal XLR to connect with the line out connector of CD player or mixer.
- 2). PARALLEL: bal XLR to parallel with INPUT connector to connect signal with another active speaker cabinet or other equipments.
- 3). LCD DISPLAY: LCD displays signal level, mode, 3 band EQ, low cut, delay, etc.
- 4). INPUT GAIN: line in volume control to adjust the output signal gain.
- 5). MASTER VOL/PRE-SET: normally it adjusts master volume. Press once to enter menu, and select the function on LCD to adjust (mode, 3 band EQ, low cut, delay, etc).
- 6). USB interface: connect with PC to adjust parameter via pro software.
- 7). AC MAIN: power socket;
- 8). AC LINK: power socket to link with next speaker cabinet.
- 9). POWER: the power switch to turn on/off the equipment. When it is on, the LCD is bright.
- 10). Vent for heat dissipation;

Model	GMX-210A
Type	active line array
Frequency response	60Hz~20KHz (-10dB) 70Hz~18KHz (± 3 dB)
Coverage	120° (H) x 10° (V)
LF unit	2×10" (260 mm)
HF unit	2×1.34" (34mm) compression driver
Input sensitivity	0dBu
Voltage	230V/115V
Amp power	1000W (LF) +150W(HF)
Max SPL	136dB
Dimension(WxHxD)	810×290×490(mm)
Weight	31kg
Angle	0,1,2,3,4,5,6,7,8,9,10° adjustable





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For more Information or Enquiries:

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