



Unbroken Superiority

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USER'S MANUAL

Bomber-218BNP

BOMBER II -15/15M/215/18S

Virgin Professional Sound System



Virgin UK Global Electronics Ltd constantly seeks ways to enhance our products' quality so as to keep & maintain the unbroken superiority of our virgin products which we have done for more than a decade. To achieve our mission, we reserve the right to change or alter any specification in this manual without prior notice.

Thanks for choosing virgin product

Manufactured By:

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IMPORTANT SAFETY SYMBOLS



Use only with the 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



Hazardous live terminal

ON: Denotes the apparatus is turned on

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.

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 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 could result in fire. Always install accordance with the manufacturer's instructions.

• Object and Liquid Entry

Objects do not fall into and liquids are not spilled into the inside of the apparatus for safety.

• Power Cord and Plug

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide

blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, refer to electrician for replacement.

• Power Supply

The apparatus should be connected to the power supply only of the type as marked on the apparatus or described in the manual. Failure to do could result in damage to the product and possibly the user.

Unplug this apparatus during lightning storms or when unused for long periods of time.

• Fuse

To prevent the risk of fire and damaging the unit, please use only of the recommended fuse type as described in the manual. Before replacing the fuse, make sure the unit turned off and disconnected from the AC outlet.

• Electrical Connection

Improper electrical wiring may invalidate the product warranty.

• Cleaning

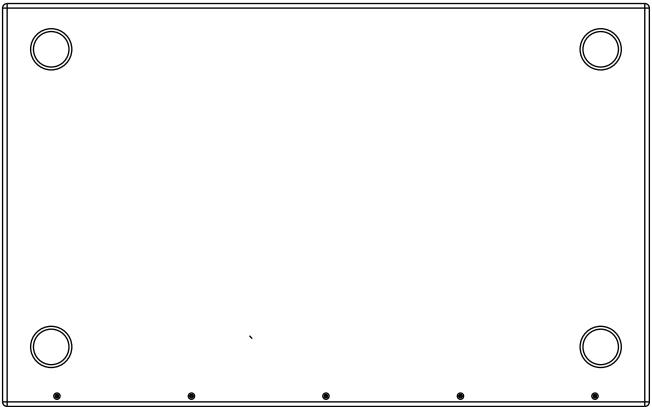
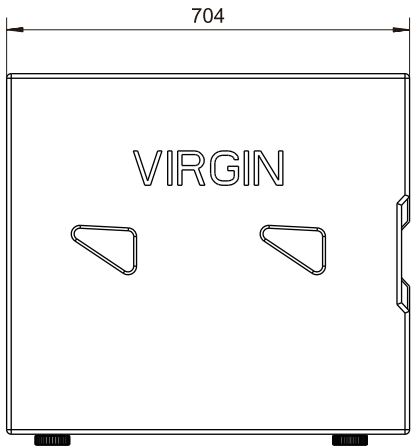
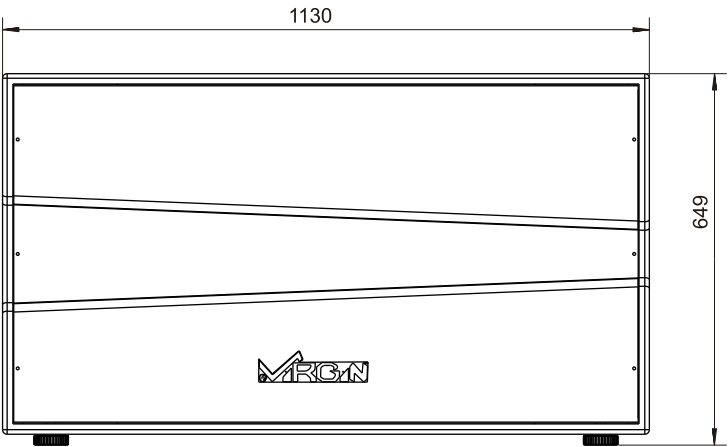
Clean only with a dry cloth. Do not use any solvents such as benzol or alcohol.

• Servicing

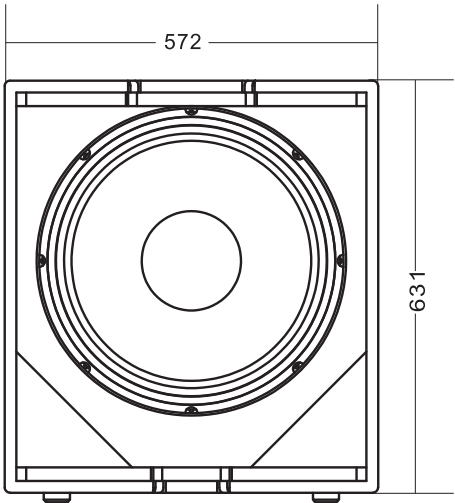
Do not implement any servicing other than those means described in the manual. No user serviceable parts inside, refer all servicing to qualified service personnel only.

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

Model	Bomber-218BNP
Type	dual 18inch passive sub-bass system
Frequency Response(-10dB)	35Hz ~ 200Hz
Sensitivity(1W@1M)	97dB±3dB
Max SPL	133dB
Rated Power	(continue) 2800W, (peak) 5000W
Nominal Impedance	4Ω
Input	2xSPEAKON
LF Unit	2x18" woofer/ φ100mm voice coil/ 1000W/ 4Ω
Dimension (WxDxH)	1130*704*649 (mm)
Net Weight	86kg
Gross Weight	93kg



Model	BOMBER II -18S
Configuration	subwoofer
Speaker Unit	1x18 /100mm voice coil
Frequency Response	30Hz ~ 500Hz
PROGRAMME POWER	1400W
PEAK POWER	2800W
Nominal Impedance	8 Ω
Sensitivity	96dB (1W@1m)
Max. SPL	130dB
Connector	SPEAKON
Dimensions (W*H*D)	572 ×631 ×704mm
Weight	50kg
painted	Black paint finish
Connection mode	+1-1



1. INTRODUCTION

Please read this manual carefully before use in order to take advantage of the speaker's features and ensure the maximum performance and trouble-free operation, and keep the manual in a safe place for future reference.

2. FEATURES

- High performance passive speaker system
- Low distortion, high power, high SPL
- Multi-applications: PA system, monitor
- Convenient mounting: stand, ground set
- Hanging system.

3. APPLICATIONS

- Live sound reinforcement
- Small venue
- Church
- School
- Hotel
- Stage monitor speaker
- Club、bar、dance hall sound reinforcement
- Outdoor concert

4. INSTALLATION AND CONNECTION

In order to avoid the possibility of damage to the device or other property, please follow the basic precautions listed below. These precautions include, but are not limited to, the following:

4.1 Location

The BOMBER-series speaker features with smart and convenient installation facility, which can be located on a stable ground surface, mounted on a stand or other ways. For protecting your speaker from possible damage, please note following cautions:

- If you place your speaker on flat surface, please make sure the flat surface is even, completely firm.
- If you use a stand, please be sure to keep the following cautions:
 - . Position the stand on a flat, on-skid surface.
 - . Make the stand more stable, open the feet as wide as possible.
 - . Tighten fastening screws securely.
 - . Remove the speakers from the stands before moving the stands or adjusting its height.
- Before moving the speakers, remove all connected cables.
- When installing or transporting the device, always use two or more people.

4.2 Connections

- Always make sure that all devices are turned off when connecting the speaker to other devices. Also make sure that all volume and level controls are turned down to minimum before turning the power on.
- Use only high quality shield cable for connection. The speaker cable should be used for connecting speaker to speaker jacks, use of other types of cables may result in fire.
- Pay attention to the impedance matching, improper connection may damage your devices. For further details, please refer to the “SPECIFICATION” section.

5. PASSIVE SPEAKER SYSTEM

The passive speaker system includes BOMBER II -15/15M/215/18Stwo-way full range speaker and five modes: 2-way passive crossover network, high precision components, and feature high sound pressure level, high handling power and low distortion. All models are equipped with both professional speaker connector.

5.1 Control and Function

All models of BOMBER II series passive speaker system feature the identical control elements, so we have used the BOMBER II -15as the representation to assure simplicity.

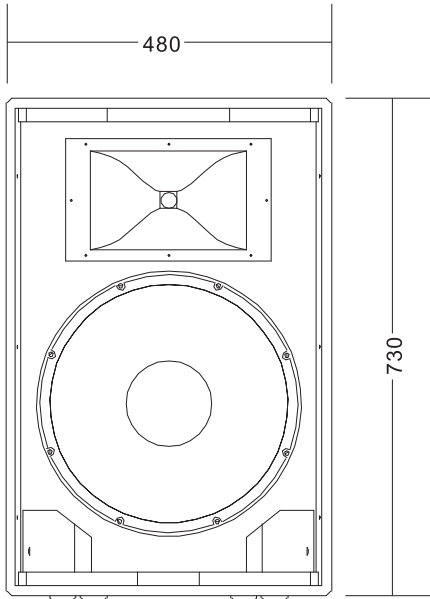
IN/OUT:

Speakon IN/OUT connector, serve to receive the powered signal coming from an external power amplifier. The both connector are parallel, which allow multiple connections of more systems with the same signal.

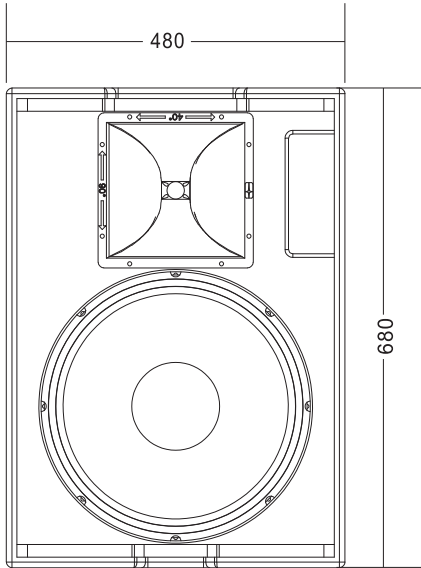


5.2 Specifications

Model	BOMBER II -15
Configuration	2 - way passive full-range loudspeaker
Speaker Unit	HF 34 mm voice coil compression driver/30W
	LF 1x15 /75.8mm voice coil
Frequency Response	40Hz ~ 20kHz
PROGRAMME POWER	1200W
PEAK POWER	2400W
Crossover	2.5kHz
Nominal Impedance	8 Ω
Sensitivity	97dB (1W@1m)
Max. SPL	131dB
Connector	SPEAKON
Dimensions (W*H*D)	480 × 730 × 470mm
Weight	30kg
Hanging system	M10
painted	Black paint finish
Connection mode	+1-1



Model	BOMBER II -15M
Configuration	2 - way passive full-range loudspeaker
Speaker Unit	HF 44 mm voice coil compression driver/40W
	LF 1x15 /75mm voice coil
Frequency Response	40Hz ~ 20kHz
PROGRAMME POWER	1200W
PEAK POWER	2400W
Crossover	2.2kHz
Nominal Impedance	8 Ω
Sensitivity	97dB (1W@1m)
Max. SPL	131dB
Connector	SPEAKON
Dimensions (W*H*D)	480 × 680 × 490
Weight	29kg
painted	Black paint finish
Connection mode	+1-1



Model	BOMBER II -215
Configuration	2 - way passive full-range loudspeaker
Speaker Unit	HF 44 mm voice coil compression driver/40W
	LF 2x15 /75.8mm voice coil
Frequency Response	35Hz ~ 20kHz
PROGRAMME POWER	1400W
PEAK POWER	2800W
Crossover	2.2kHz
Nominal Impedance	4 Ω
Sensitivity	99dB (1W@1m)
Max. SPL	133dB
Connector	SPEAKON
Dimensions (W*H*D)	515 × 1150 × 480mm
Weight	50kg
Hanging system	M10
painted	Black paint finish
Connection mode	+1-1

