

## Getting Started

1. Carefully unpack all the speaker cabinets, accessories and the B3 or B4 amplifier.

Check that you have all of the following :

2 B15 Sub cabinets	16 Metal corners for the B15 cabinet
2 B12 Mid Hi cabinets	2 B15 top hat blanking plates
1 B3 or B4 power amplifier	2 8 meter speaker cables
2 Speaker poles	2 2 meter speaker cables
8 Wheels for B15 cabinets (4 with brakes)	1 Screw pack

2. Mount the B12 cabinets on top of the B15 cabinets by using the supplied poles.
3. Connect the left and right outputs from your mixer to the CH1 and CH2 inputs on the rear of the B3 amplifier.
4. Connect one of the thick 8 meter speaker cables to the **SUB & HI, CH1** output on the B3 amplifier. Connect the other end of this cable to one of the speakons on a B15 cabinet. Both speakons on a B15 are wired together, so you can connect to either speakon. Connect the other 8 meter cable to the **SUB & HI, CH2** output on the B3 and its other end to the remaining B15 cabinet in the same way.
5. Use a 2 meter speaker cable and connect one end to the unused speakon on the B15 and the other end to the B12 cabinet. Use the lower speakon that has not been blanked off. The upper blanked off speakon is for linking to another B12 or for connection in a permanent installation via pins +1 and -1. If you do link to other B12 cabinets make sure you only connect via the top input speakons on both B12 cabinets.
6. Switch on your mixer, connect the power lead to the B3 and switch it on by turning the power on control clockwise. Set both CH1 and CH2 levels controls to the same position just below maximum and set the SUB level control around half way. Slowly turn up the output on your mixer and set it to a moderate listening level. Use the SUB level control to either increase or decrease the level of bass to mid hi. Once the desired setting has been found, control the systems output level from your mixer.
7. If your Basys system is going to be used in a fixed installation, the top hat on the B15 cabinet can be replaced by the top hat blanking plate found in the accessory pack. For road or mobile use, consider fitting the wheels and metal corners to the B15 cabinets. Screws and bolts for the corners and wheels can be found in the screw pack. An optional road bag kit can be purchased and includes covers for two B12's and two B15 cabinets.

## Precautions

**Do Not connect the 8 meter cable from the SUB & HI outputs on a B3 amplifier directly to a B12 cabinet.**

Always connect to a B12 via a B15 when using the SUB & HI outputs on a B3 amp.

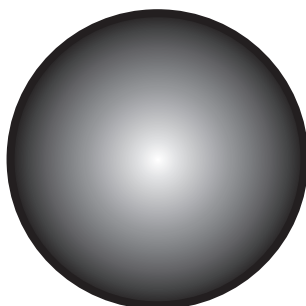
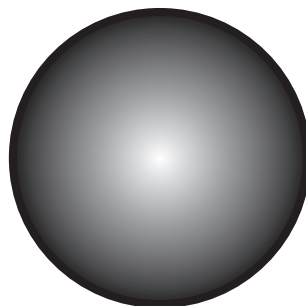
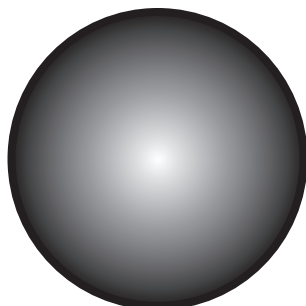
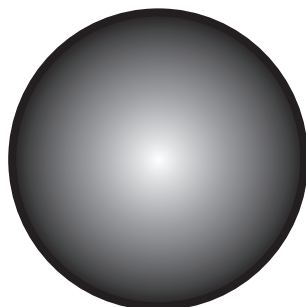
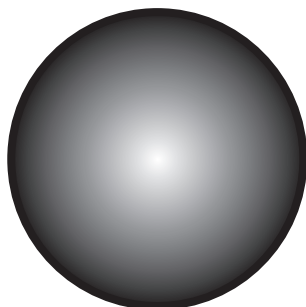
## Warranty Registration

Please take time to fill out the warranty registration form at the back of the manual and return it to Void Acoustics

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**OWNER'S MANUAL**

**BASYS B12 - B15 V2**



**VOID**

# OWNER'S MANUAL

BASYS B12 - B15 V2



## Features

- ▲ Close tolerance and durable components provide increased reliability and greater output.
- ▲ Accurately machined 15 laminate birch plywood cabinets for superior strength.
- ▲ Top Hat fittings on all enclosures enables quick and easy mounting.
- ▲ Built in Electronic protection device for the HF driver.
- ▲ 12 x M8 flying points for fast and accurate installation.
- ▲ Wide and flat frequency response for unparalleled sound quality.
- ▲ Well placed grab handles enable easier transportation.
- ▲ Tough kick proof grills with foam filters protect the components from the heaviest of abuse.
- ▲ Three year warranty and guarantee.

## System Connections

The supplied cables enable a whole system to be connected from the Sub&Hi outputs on a B3 amplifier.

### **Make sure you use the correct cable from the amplifier to B15 and from the B15 to B12.**

Use the 8 meter cable to connect from the Sub&Hi out on the B3 amplifier to a speakon on the B15.  
Use the 2 meter cable to connect from the spare speakon on the B15 to the lower speakon on the B12.

When linking a B12 cabinet to another B12 cabinet, use the top speakon as the link out and use the other B12's top speakon as the input. A cable wired +1, -1 to +1, -1 or +2, -2 to +2, -2 can be used to connect the two B12's when linking via the top input speakons.

The B15 is wired +1 and -1 for its input. The top B12 input can get its input from both +1 and -1, or +2 and -2. The bottom B12 input is wired +2 and -2 for its input.

The speakons on the B15 are wired in parallel, so either speakon can be used as the input, the other speakon can be used as a link output. The same applies to the B12, but only pins +2 and -2 are linked from the bottom to top speakons. In an installation where B12's will not be connected via a B15 cabinet, use pins +1 and -1 on the top speakon input on the B12 and the Hi outputs on the B3.

## Notes

The B12 enclosures logo is spring loaded and rotatable. This allows the logo to be displayed upright when the cabinet is used in either vertical or horizontal positions.

## Precautions

1. Install B12 and B15 enclosures in a dry environment, do not expose the cabinets to rain or moisture.
2. **When connecting the B12 to the B3 amplifier do not connect the B12 to the Sub&Hi out directly.** Connect via a B15 or to the CH1 and CH2 Hi outputs using the B12's top input speakon.
3. If connecting a B12 to a B15 a 4 way speakon to speakon cable must be used from the B3 to the B15. If a 4 way cable is not used the B12 will not be connected.
4. Only use a speakon to speakon cable wired +2 and -2 to +2 and -2 when connecting the B12 to a B15 sub. If a cable wired 1+ and 1- is used the B12 will receive the same signal as the sub.

**TECHNICAL SPECIFICATIONS**

	<b>B12 V2</b>	<b>B15 V2</b>
<b>Frequency Response :</b>	65 Hz - 18 KHz -3dB	40 Hz - 200 Hz -3dB
<b>Sensitivity :</b>	99.5 dB 1w/1m	98 dB 1w/1m
<b>Impedance :</b>	8 ohms	8 ohms
<b>Power Handling :</b>	300 watts rms	600 watts rms
<b>Maximum Output :</b>	124 dB cont 126 dB peak	124 dB cont 127 dB peak
<b>Dispersion :</b>	90 h x 60 v	Omni
<b>Crossover Point :</b>	2.2 KHz passive	140 Hz active
<b>Driver Configuration :</b>	1 x 12" neo : 1 x 1" neo	1 x 15" neo
<b>Protection :</b>	HF - Electronic device	N/A
<b>Construction :</b>	18 mm 15 laminate birch	18mm 15 laminate birch
<b>Rigging, Mounting :</b>	12 x M8 insert + top hat	Top hat fitting
<b>Finish :</b>	Textured polyurethane	Textured polyurethane
<b>Grill :</b>	Perforated steel - foam filter	Perforated steel - foam filter
<b>Connectors :</b>	2 x 4 pole speakon	2 x 4 pole speakon
<b>Dimensions :</b>	370 mm wide 580 mm high 362 mm deep	496 mm wide 580 mm high 550 mm deep
<b>Weight :</b>	20.0 Kg net 24.4 Kg shipping	34.0 Kg net 39.7 Kg shipping

## Service

This unit has very sophisticated circuitry and should only be serviced by a fully trained technician.

**No user serviceable parts inside**  
**Refer servicing to a qualified technician**

## Worldwide Service

Service may be obtained from your local authorised service centre. To obtain service, simply present your sales receipt as proof of purchase along with the defective unit to an authorised service centre. They will handle the necessary paperwork and repair. Remember to transport your unit in the original factory packaging.

1. When sending a Basys Series product to an authorised service centre for service, please write a detailed description of the fault and list any other equipment used in conjunction with the faulty product. Send the fault description with the faulty product, do not send it separately.
2. Ensure safe transportation of your unit to the authorised service centre. Ship it in the original factory packaging if possible.
3. Do not ship the unit in any kind of rack. Ignoring this warning may result in extensive damage to the unit and the equipment rack. Accessories are not needed. Do not send the instruction manual, cables or any other hardware.
4. Before returning your faulty product for repair, please remember to get a return authorisation number from the dealer whom you purchased your product from. Failure to do so could delay the repair of your product.

## Warranty Registration

Please take time to fill out the warranty registration form at the back of this manual and return it to Void Acoustics.

## Environmental



### WEEE Mark

If you want to dispose of this product, do not mix with general household waste. There are separate collection systems for used electronic products in accordance with legislation under the WEEE Directive (Directive 2002/96/EC) and is effective only within the European Union.

This product is Rohs compliant



## LIMITED WARRANTY

### THE WARRANTY

For a period of three (3) years from the date of delivery to the original purchaser (as shown on the original invoice or sales receipt), Void Acoustics (hereinafter "Void") warrants to the ORIGINAL OWNER of each new Basys Series product (provided it was purchased at an Authorised Void Dealer) that it is free of defects in materials and workmanship and that each product will meet or exceed all factory published specifications for each respective model. Void agrees to repair or replace (at its discretion) all defective parts at no charge for labour or materials; subject to following provisions:

### WARRANTY VIOLATIONS

Void shall take no responsibility for repair or replacement as specified under this warranty, if the damaged product has been subject to misuse, accident, neglect or failure to comply with normal maintenance procedures; or if the serial number has been defaced, altered or removed. Nor will Void accept responsibility for, or resulting from, improper alterations or unauthorised parts or repairs. This warranty does not cover any damage to speakers or any other consequential damage resulting from breach of any written or implied warranty.

### VOID WARRANTY PROVISIONS

Void will remedy any defect, regardless of the reason for failure (except as excluded) by repair, or replacement. Void will remedy the defect and ship the product within a reasonable time after receipt of the defective product at an Void Authorised Service Centre.

### TO OBTAIN WARRANTY SERVICE

In the event that a Void product requires service, the Owner must contact Void or an Authorised Void Service Centre to receive an R.A.N. (Return Authorisation Number) and instructions on how to return the product to the Void Authorised Service Centre, or to the factory. Void (or its Authorised Service Centre) will initiate corrective repairs upon receipt of the returned product. Please save the original carton and all the packing materials in case shipping is required. All products being returned to the factory or service centre for repairs must be shipped prepaid.

If the repairs made by Void or the Void Authorised Service Centre are not satisfactory, the Owner is instructed to give written notice to Void. If the defect or malfunction remains after a reasonable amount of attempts by Void to remedy the defect or malfunction, the Owner shall then have the option to elect either a refund or replacement of said Void product free of charge. The refund shall be an amount equal to but not greater than the actual purchase price, not including any taxes, interest, insurance, closing costs and other finance charges (minus reasonable depreciation on the product). If a refund is necessary, the Owner must make the defective or malfunctioning product available to Void free and clear of all liens or other restrictions.

### MODIFICATIONS OF EQUIPMENT

Void reserves the right to modify or change equipment (in whole or part) at any time prior to delivery thereof, in order to include therein electrical or mechanical improvements deemed appropriate by Void, but without incurring any liability to modify or change any equipment previously delivered, or to supply new equipment in accordance with any earlier specifications.

### DISCLAIMER OF CONSEQUENTIAL AND INCIDENTAL DAMAGES

YOU, THE OWNER, ARE NOT ENTITLED TO RECOVER FROM VOID ANY INCIDENTAL DAMAGES RESULTING FROM ANY DEFECT IN THE VOID PRODUCT. THIS INCLUDES ANY DAMAGE TO ANOTHER PRODUCT OR PRODUCTS RESULTING FROM SUCH A DEFECT.

### WARRANTY ALTERATIONS

No person has the authority to enlarge, amend, or modify this Warranty. This Warranty is not extended by the length of time which the Owner is deprived of the use of product. Repairs and replacement parts provided pursuant to the Warranty shall carry only the non-expired portion of the Warranty.

### THIS STATEMENT OF WARRANTY SUPERSEDES ALL OTHERS CONTAINED IN THIS MANUAL

Technical and design specifications are subject to change without notice

# Void Acoustics Warranty



This Void Acoustics product is guaranteed against defects due to faulty materials or workmanship for a period of 3 years from the date of original purchase, subject to the following restrictions.

1. This warranty is only valid in the country of purchase.
2. That the product has not been abused or operated in conjunction with unsuitable or faulty apparatus.
3. That the product has not been modified, disassembled or tampered with by any person other than Void Acoustics technical staff.
4. That the product has not suffered damage in transit.

Do not send goods to Void Acoustics without first obtaining a return authorisation number.

Carriage costs to Void Acoustics will be returned to the customer if warranty work proves necessary. Packing, insurance and freight on the return journey will be paid by Void Acoustics or its authorised dealers.

This warranty in no way affects your statutory rights.

Void Acoustics

Unit 10B, Dawkins Road Ind Est, Poole, Dorset, BH15 4JD  
Tel: +44 (0)870 1651 332 Fax: +44 (0)870 1651 352

# Owner's Warranty Copy



Date of purchase

Model

Serial number

Suppliers name and address

Post code :

Tel :

## What to do if your Void product needs repair

Contact the dealer from whom you purchased the product and get a return authorisation number.

Return the product (preferably in its original box) to :

Void Acoustics, Unit 10B, Dawkins Road Ind Est, Poole,  
Dorset, BH15 4JD, UK.

# Warranty Registration



Thank you for purchasing this Void product. Please complete this warranty registration card and cut off this part and send it to the address overleaf.

Date of purchase

Model

Serial number

Suppliers name and address

Post code :

Tel :

Your name and address

Post code :

Tel :

## Void Acoustics

Unit 10B

Dawkins Road Ind Est

Poole

Dorset

BH15 4JD

UK