

Cyclone 118

User Guide

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1.0 Safety and Regulations

1.1 Important safety instructions



The lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Safety instructions - read this first

Before using this product, please read and retain these instructions, heed all warnings, and follow all instructions carefully.

1. Do not use this apparatus near water.
2. Clean only with a dry cloth.
3. Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
4. Do not install near any heat source such as radiators, heat registers, stoves, or other such apparatus that produce heat.
5. Do not defeat the safety purpose of the grounding-type plug. A grounding type plug has two blades and a third grounding prong. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
6. Protect power cords from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit the apparatus.
7. Only use attachments and accessories specified by Void Acoustics.
8. Only use 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.
9. Unplug the apparatus during lightning storms or when unused for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
11. Since the mains power supply cord attachment plug is used to disconnect the device, the plug should always be easily accessible.
12. Void loudspeakers can produce sound levels capable of causing permanent hearing damage from prolonged exposure. The higher the sound level, the less exposure needed to cause such damage. Avoid prolonged exposure to the high sound levels from the loudspeaker.

1.2 Limitations

This guide is provided to help familiarise the user with the loudspeaker system and its accessories. It is not intended to provide comprehensive electrical, fire, mechanical and noise training and is not a substitute for industry-approved training. Nor does this guide absolve the user of their obligation to comply with all relevant safety legislation and codes of practice. While every care has been taken in creating this guide, safety is user-dependent and Void Acoustics Research Ltd cannot guarantee complete safety whenever the system is rigged and operated.

1.3 EC declaration of conformity

For EC Declaration of Conformity please go to:

www.voidacoustics.com/eu-declaration-loudspeakers

1.4 UKCA marking

For details of the UKCA marking go to:

www.voidacoustics.com/uk-declaration-loudspeakers

1.5 Warranty statement

For warranty statement go to:
www.voidacoustics.com/terms-conditions/

1.6 WEEE directive

At the end of its useful life, this product and its components should be disposed of responsibly and recycled wherever possible.



The crossed-out wheeled-bin symbol indicates that this product must not be disposed of with unsorted household waste. Instead, it must be taken to an appropriate collection facility for the recovery and recycling of electrical and electronic equipment. Separating electrical and electronic equipment from other waste helps reduce the amount of waste sent to landfill or incineration and supports the recovery of valuable resources.

Waste electrical and electronic equipment (WEEE) is subject to the Waste Electrical and Electronic Equipment Regulations 2013, as amended. These regulations are intended to reduce the environmental impact of electrical and electronic equipment by promoting its reuse, recovery and recycling.

Void Acoustics Research Ltd supports the responsible disposal and recycling of its electrical and electronic equipment. When disposing of this product, please use an appropriate local WEEE collection or recycling facility and follow the requirements applicable in your country. For information about the appropriate disposal and recycling arrangements in your country, please contact your local authority or authorised recycling facility.

2.0 Unpacking and Checking

All Void Acoustics products are carefully manufactured and thoroughly tested before being despatched. Your dealer will ensure that your Void products are in pristine condition before being forwarded to you but mistakes and accidents can happen.

Before signing for your delivery:

- Inspect your shipment for any signs of contamination, abuse or transit damage as soon as you receive it.
- Check your Void Acoustics delivery fully against your order.
- If your shipment is incomplete or any of its contents are found to be damaged; inform the shipping company and inform your dealer.

When you are removing your Cyclone 118 loudspeaker from its original packaging:

- Cyclone 118 loudspeakers come double boxed and stapled shut; take care when unboxing by removing the staples to avoid injury or damage to the loudspeaker.
- Lift the speaker out of the box from the outer rim ensuring pressure isn't put on the grille of the Cyclone 118.
- If you need to place the loudspeaker on a flat surface ensure you use a lint free product to protect the finish.
- When you have removed the Cyclone 118 loudspeaker from the packaging inspect it to ensure there is no damage and keep all original packaging in case it needs to be returned for any reason.

3.0 About

3.1 Welcome

Many thanks for purchasing this Void Acoustics Cyclone Series loudspeaker. We truly appreciate your support. At Void, we design, manufacture and distribute advanced professional audio systems for the installed and live sound market sectors. Like all Void products, our highly skilled and experienced engineers have successfully combined pioneering technologies with groundbreaking design aesthetics, to bring you superior sound quality and visual innovation. In buying this product, you are now part of the Void family and we hope using it brings you years of satisfaction. This guide will help you both use this product safely and ensure it performs to its full capability.

3.2 Cyclone 118 Overview

The Cyclone 118 is an IP-rated subwoofer suitable for use in both indoor and outdoor applications. Featuring stainless steel fixings and UV resistance, it delivers reliable low-frequency reinforcement where high-SPL output and weather resistance are essential. Engineered to integrate seamlessly with Cyclone Series loudspeakers, the Cyclone 118 forms part of a full-range audio solution for venues such as resorts, bars, poolside and hospitality spaces.
Available to order in Void Red, Black, and White finishes, with custom RAL and KROME options available upon request.

3.3 Key Features

- Reflex loaded 18-inch subwoofer
- Weather-resistant input glands with Phoenix connector and link-through functionality
- Low-resonance fibreglass composite construction
- Designed to add high-power, low frequency support to Cyclone Series loudspeakers
- Stainless steel grille and fasteners
- Weather protected with an IP-55 rating
- UV resilient finish
- Available as standard in red with a black grille, black with a black grille, and white with a white grille. Custom RAL and KROME finishes are available upon request

3.4 Cyclone 118 Specifications

Frequency Response[1]	30 Hz - Preset dependent
Maximum Output[2]	126 dB cont, 132 dB peak
Nominal Dispersion	Omnidirectional
Sensitivity[3]	97 dB 1W/1m
Driver configuration	1 x 18" LF
Power Handling	1200 W AES
Nominal Impedance	8 Ω
Suggested Minimum Amplifier	Bias Q2+
Weight	Net 45.6 kg (100.5 lbs) Gross 55.8 kg (123.2 lbs)
IP rating	IP-55
Connections	Phoenix connector with link out
Enclosure	Fibreglass Composite
Finish	Smooth cellulose
Height	556 mm (21.9 inch)
Width	675 mm (26.5 inch)
Depth	582 mm (22.9 inch)

[1]-10 dB IEC60268-5 [2]Calculated [3]Measured in half space

PRELIMINARY

3.5 Cyclone 118 dimensions

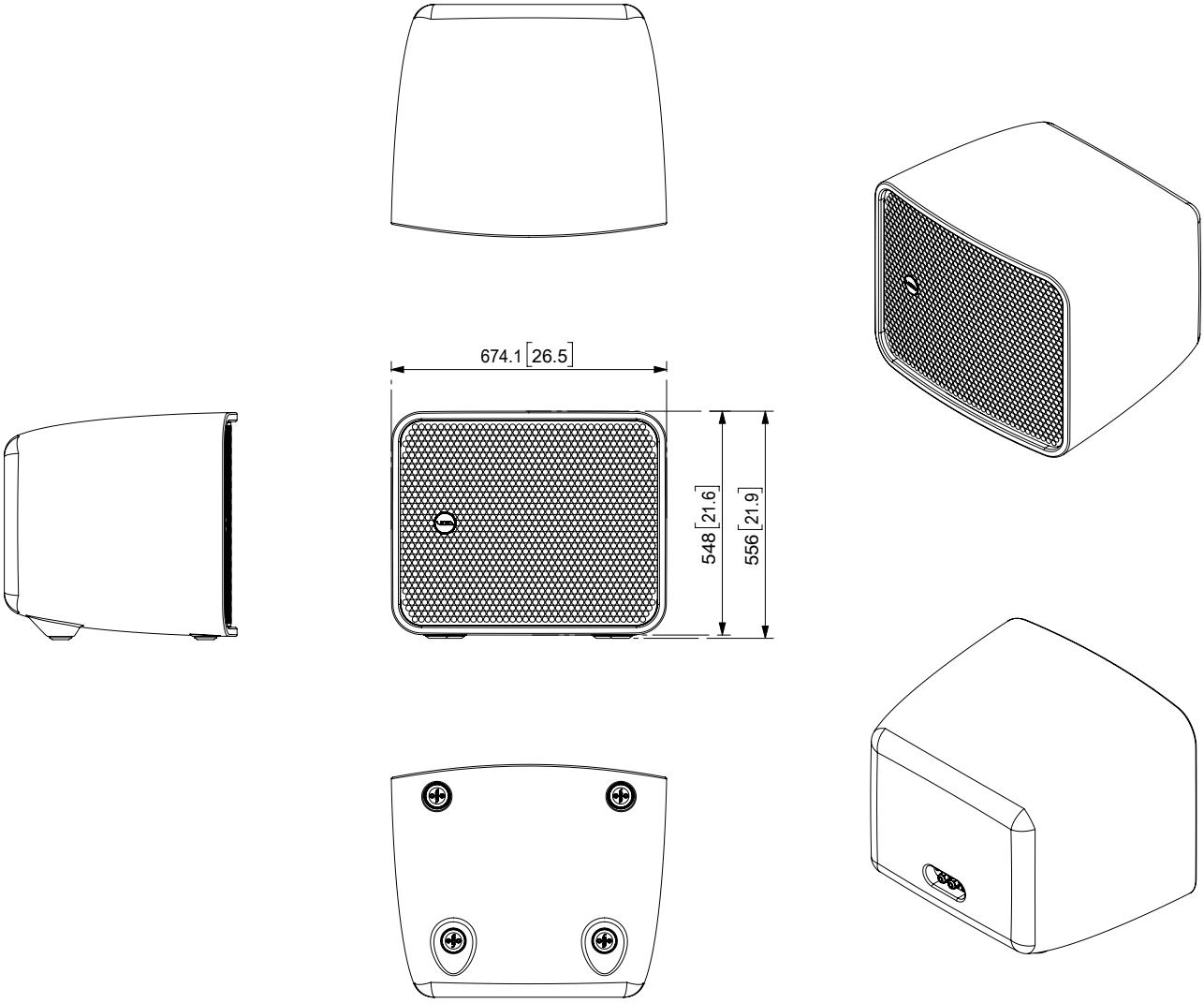
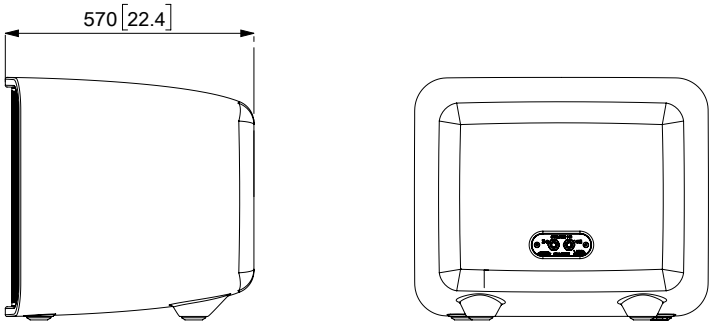


Figure 3.1: Cyclone 118 dimensions



4.0 Cabling and Wiring

4.1 Electrical safety



To avoid electrical hazards please note the following:

Do not access the inside of any electrical equipment. Refer servicing to Void-approved service agents.

4.2 Cable considerations for fixed installations

We recommend specifying installation-grade Low Smoke Zero Halogen (LSZH) cables for permanent installations. The cables should use Oxygen Free Copper (OFC) of grade C10200 or above. Cables for permanent installations should be compliant with the following standards:

- IEC 60332-1-2 Fire retardancy of a single cable
- IEC 60332-3-24 Fire retardancy of bunched cables
- IEC 60754-1 Amount of Halogen Gas Emissions
- IEC 60754-2 Degree of acidity of released gases
- IEC 61034-2 Measurement of smoke density.

We suggest using the following maximum copper cable lengths to keep level losses below 0.6 dB.

Metric mm²	Imperial AWG	8 Ω load	4 Ω load	2 Ω load
2.50 mm²	13 AWG	36 m	18m	9m
4.00 mm²	11 AWG	60 m	30m	15m

4.3 Cyclone 118 Wiring Diagram

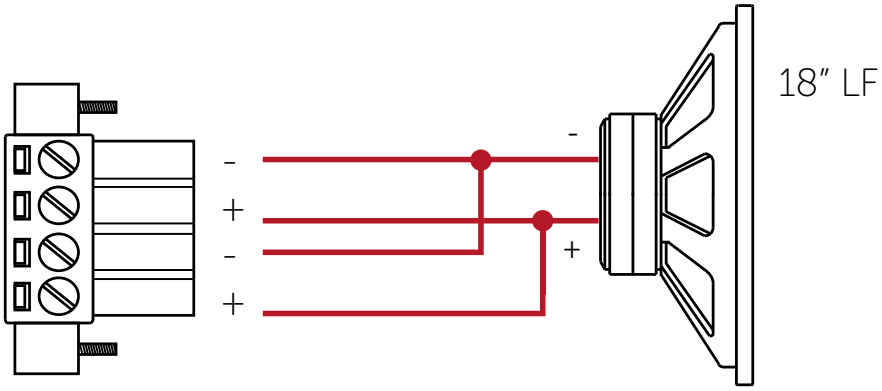
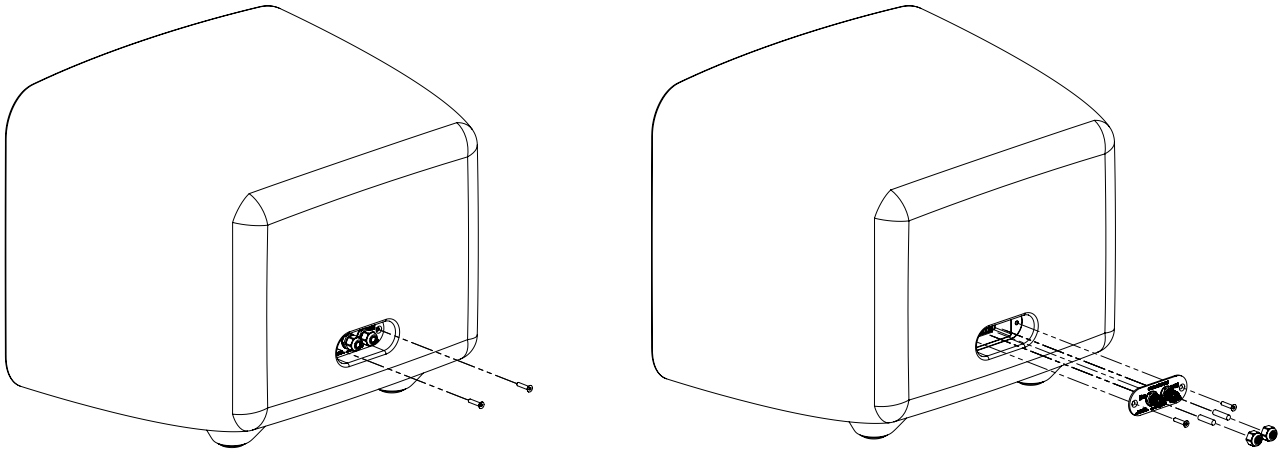


Figure 4.2: Cyclone 118 wiring diagram

4.4 Cyclone 118 gland connector wiring

- Remove both M6 bolts from the rear of the connector plate
- Undo the glanded connectors from the rear of the connector plate and remove the rubber plugs from the connectors.
- Insert the cable through the glanded connectors and tighten.
- Attach the cable to the phoenix connector then position the connector plate and attach it using the M6 bolts.



4.5 Bias Q1+/Q1.5+/Q2+ Phoenix Wiring

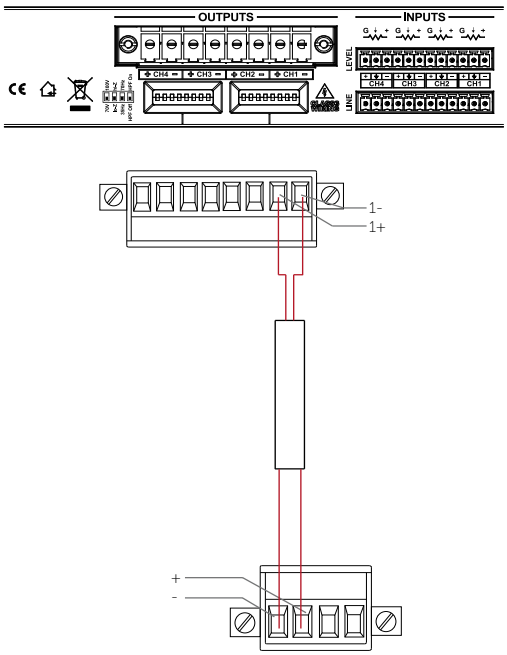


Figure 4.3: Bias Q1+/Q1.5+/Q2+ wiring diagram

4.6 Bias Q3/Q5 NL4 wiring

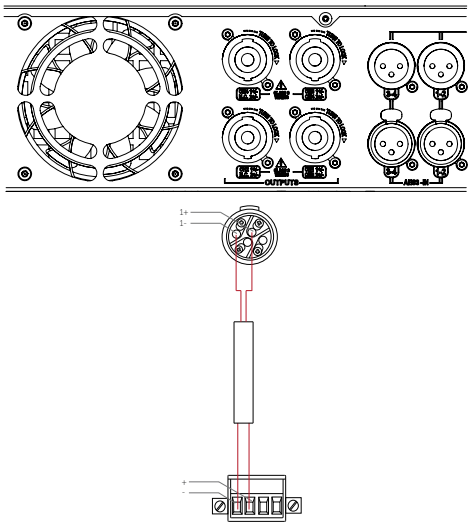


Figure 4.4: Bias Q3

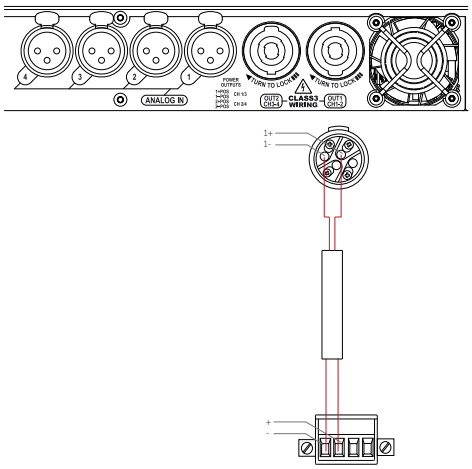


Figure 4.5: Bias Q5

4.7 Max Parallel Units

Output	1200 W AES / 8 Ω
Max Parallel Units	2 (4 Ω load to amplifier)*

* Please make sure to select an amplifier with adequate power for your intended parallel configuration Half quoted max parallel units if bridging amp channels and consult your amplifier user guide for bridged wiring instructions

5.0 Maintenance

5.1 Cleaning and Maintenance

The following guide will help to prevent corrosion and prolong both the product aesthetics and sonic performance. It is recommended that this process is implemented weekly.

Step 1

Remove the grille as and wash with deionised water, ensuring all build-up of contamination is removed completely from the grille and the foam. Allow the foam to dry completely before reinstalling, protecting the loudspeaker accordingly in the interim.

Step 2

Using a clean microfibre cloth and deionised water, use circular motions working from the top of the product down to remove contamination. Dry the product with a clean, dry microfibre cloth.

Step 3

Use a soft bristled brush and deionised water to clean the bracketry, ensuring all contamination is removed completely.

6.0 Service

6.1 Return authorisation

Before returning your faulty product for repair, please remember to get an R.A.N. (Return Authorisation Number) from the Void dealer who supplied the system to you. Your dealer will handle the necessary paperwork and repair. Failure to go through this return authorisation procedure could delay the repair of your product.

Note that your dealer will need to see a copy of your sales receipt as proof of purchase so please have this to hand when applying for return authorisation.

6.2 Shipping and packing considerations

- When sending a Void Cyclone 118 loudspeaker to an authorised service centre, please write a detailed description of the fault and list any other equipment used in conjunction with the faulty product.
- Accessories will not be required. Do not send the instruction manual, cables or any other hardware unless your dealer asks you to.
- Pack your unit in the original factory packaging if possible. Include a note of the fault description with the product. Do not send it separately.
- Ensure safe transportation of your unit to the authorised service centre.

7.0 Appendix

7.1 Architectural specification

The loudspeaker shall be a passive subwoofer consisting of one high power 18” (457.2 mm) reflex loaded, low frequency (LF) transducer mounted in a fibreglass enclosure.

The enclosure shall be constructed of low resonance fibreglass composite with a smooth cellulose finish. The external dimensions are (H) 557 mm x (W) 675 mm x (D) 582 mm (21.90” x 26.54” x 22.90”). Weight is 45.6 kg (100.53 lbs) net, 55.8 kg (123 lbs) gross.

Performance specifications of a typical production unit shall be as follows:

Typical frequency response of 30 Hz – preset dependent (-10 dB) measured in accordance with IEC 60268-5. Production consistency shall be verified through end-of-line testing, with individual units required to conform within ±3 dB of the reference response over the specified bandwidth. Power handling shall be 1200 W AES at a rated nominal impedance of 8 Ω.

The wiring connection shall be via a dual glanded plate and removable lockable wiring connector, with four screw-down terminals to provide secure wiring. This connector should then screw lock to the enclosure to ensure secure attachment.

The low frequency transducer shall use a ferrite magnet structure and be constructed on a resonant free and heavy-duty basket design with a water-resistant treated paper diaphragm and a 4” (101.6 mm) voice coil, wound with copper wire on a high-quality former for high power handling and long-term reliability.

The loudspeaker system shall be a Void Acoustics Cyclone 118.

7.2 Changelog

Version	Update	Valid from Serial Number
UG11135-1.0	Released User Guide	C118Y0001

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