

SYRINCS



FOCUS150

User manual **EN**

用户手册 **CN**

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Table of contents

1 General information about this manual	1
2 For your safety	2
3 Features	3
4 Installation	4
5 Technical specifications	6
6 Plug and connection assignment	7
7 Protecting the environment	8

目錄

1 本手册的一般信息	9
2 安全	10
3 特性	11
4 安裝	12
5 技術規格	13
6 插頭和連接	14
7 環境保護	15

1 General information about this manual

This user manual contains important instructions for the safe operation of the unit. Read and follow the safety instructions and all other instructions. Keep the manual for future reference. Make sure that it is available to all those using the device. If you sell the unit, please make sure that the buyer also receives this manual.




Our products are subject to a process of continuous development. Thus, they are subject to change.

Signal words used

All precautions in this manual are clearly highlighted. The following signal words are used for precautions:

DANGER	This warns of dangers that can result in severe injuries or death if the instructions are not followed.
WARNING	This warns of dangers that can result in severe injuries or death and/or cause considerable material damage if the instructions are not followed.
CAUTION	This warns of dangers that can result in reversible injuries and/or considerable material damage if the instructions are not followed.
NOTICE	This warns of dangers that can result to faults during operation and/or considerable material damage. Environmental damage may also occur if the instructions are not followed.

Symbols used

		
General warning of a dangerous location	Warning of suspended load	Notice

2 For your safety

Intended use

This device is designed as a PA system. Use the device only as described in this user manual. Any other use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons are allowed to use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety instructions



DANGER

Danger for children

Ensure that plastic bags, packaging, etc. are properly disposed of and are not in the reach of babies and young children. Choking hazard!

- Ensure that children do not detach any small parts (e.g. knobs or the like) from the product. They could swallow the pieces and choke!
- Never let children play unattended with the electrical devices.



CAUTION

Possible hearing damage

The device can produce volume levels that may cause temporary or permanent hearing impairment. Over an extended period of time, even levels that seem to be uncritical can cause hearing damage.

- Decrease the volume level immediately if you experience ringing in your ears or hearing impairment. If this is not possible, keep a greater distance or use sufficient ear protectors.



NOTICE

Operating conditions

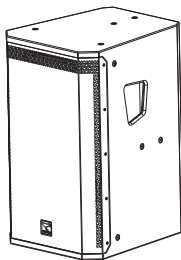
This device has been designed for indoor use only.

- To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

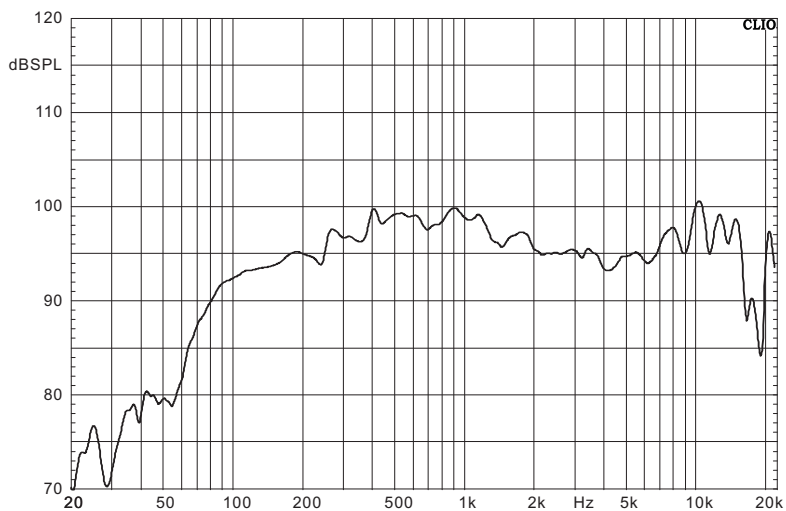
3 Features

Feature of two way full range passive speaker :

This is two way full range reflex cabinet speaker with Computer simulation design.



Frequency response FOCUS 150



4 Installation

Unpack the device and check carefully that there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the product against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

Create all connections while the device is off. Use the shortest possible high-quality cables for all connections.



WARNING

Risk of injury caused by falling objects

Make sure that the installation complies with the standards and rules that apply in your country. Always secure the device with a secondary safety attachment, such as a safety cable or a safety chain.



NOTICE

Possible property damage by magnetic fields

Loudspeakers produce a static magnetic field

→ Therefore maintain an appropriate distance to devices that can be adversely affected or damaged by an external magnetic field.



NOTICE

Use of stands

→ When mounting the device onto a stand, ensure that the stand is in a safe and stable position and that the weight of the device does not exceed the maximum permissible load capacity of the stand.

We recommend you to set up the speakers in a way that their sound signals can reach the audience unobstructed. It will often be helpful to mount the speakers on tripods. Thus, the sound will be evenly spread with maximum range throughout the audience area.

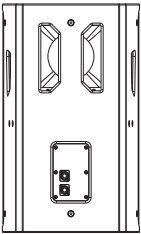
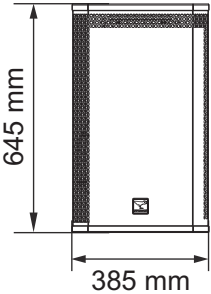
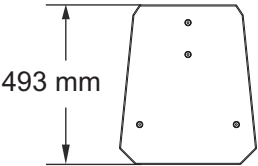
Always use high grade cables to connect your equipment. Otherwise you won't reach maximum sound quality.

For optimum results both impedance and power rating of the speaker must match the requirements of the amplifier /input signal. Consider the technical specifications of the speakers connected, the overall impedance of the connected loudspeakers shall not be less than the minimum output impedance of the amp. The amps max, RMS output power should be 50% above the power handling capacity of the connected speakers.

If you notice distortion, the amp or the speaker is over loaded during operation. This may destroy permanently the amp or the speaker. Pls reduce the volume as soon as you notice distortion.

5 Technical specifications

Configuration	14" Woofer 1.75" compression driver
Power handling	750 W (RMS)
Sensitivity(1w/1m)	99dB
Impedance	8
Maximal sound pressure level	127dB (1m) 133 dB (peak)
Frequency range	50Hz -18kHz(-3dB)
Beam angle	H 90° × V 80°
Dimensions (W × H × D)	385mm×645mm×493mm
Weight	29.5kg



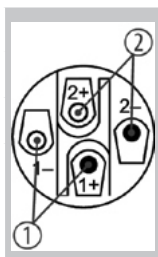
6 Plug and connection assignment

Installation

This chapter will help you select the right cables and plugs to connect your valuable equipment in such a way that a perfect sound experience is ensured.

Please follow these tips, because special care is required when dealing with sound and light: Even if a plug fits into the socket, an incorrect connection may result in a destroyed power amp, a short circuit or just in poor transmission quality!

NI4 connection



1, +	Signal 1 (phasenrichtig)
1, -	Signal 1 (phasenverkehrt)
2, +	NC
2, -	NC

7 Protecting the environment

Packaging



For the packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

1 本手册的一般信息

本用户手册包含有关本机安全操作的重要说明。 阅读并遵守安全说明和所有其他说明。 将该手册供将来参考。 确保它可供所有使用者使用装置。 如果您出售本机，请确保买方也收到本手册。

我们的产品处于不断发展的过程。 因此，他们可能会改变。

使用的信息词

本手册中的所有预防措施都清楚地突出显示。 以信号单词用于预防措施

危险	这警告如果未遵守说明可能导致严重伤害或死亡的危险
警告	如果不遵循说明，这警告可能导致严重伤害或死亡的危险和 / 或可能造成重大财产损失。
小心	如果不遵循说明，这警告可能导致可逆伤害或相当大的物质损坏的危险。
注意	这警告操作过程中可能导致故障的危险或可观的材料损坏。 如果不遵守说明，也可能造成环境损害。

使用的标识

		
危险位置的一般警告	悬移警告	注意

2 安全

预期用途

该设备被设计为应用于 PA 系统。按照本用户手册中的说明使用设备。在其他操作条件下的任何操作被认为是不适当的，并可能导致人身伤害或财产损失。由于使用不当而造成的损失制造商不承担任何责任。此设备只能由具有足够的专业技能，感官和智力能力并具有相应知识和经验的人员使用。其他人员只有在受到负责其安全的人员的监督或指导的情况下才可以使用此设备

安全须知



危险

可能对儿童造成危害

确保塑料袋，包装等妥善处理，不在婴幼儿接触范围内，有窒息的危险！

- 确保儿童不会从产品上分离任何小部件（例如旋钮等）。他们可能吞下这些碎片并呛死！
- 绝对不要让儿童单独与电子设备一起。



小心

可能有听力危害

该设备可能产生导致暂时性或永久性听力受损的音量级别。在很长一段时间内，即使看似不特别的水平可能会导致听力受损。

- 如果您经历耳鸣或听力障碍，请立即降低音量。如果这不可行，请保持更远的距离或使用足够的护耳器。



注意

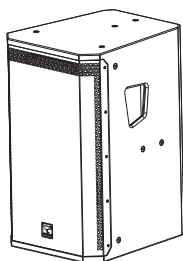
操作条件

本装置仅供室内使用。

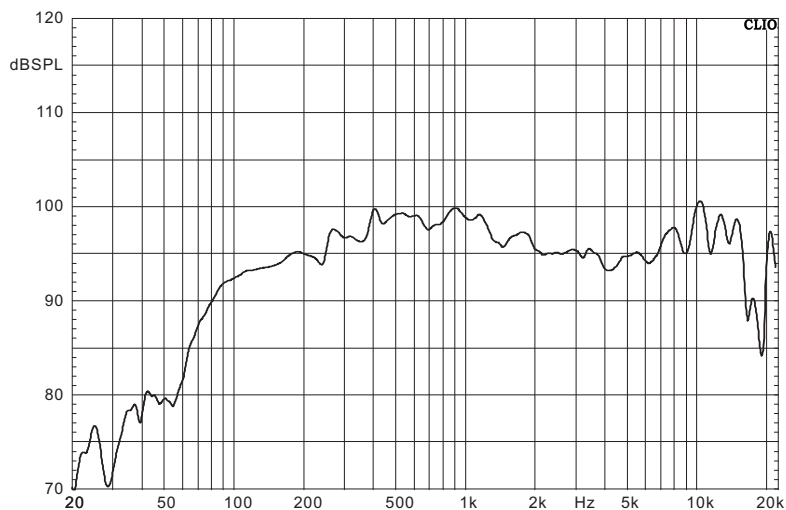
- 为了防止损坏，不要将设备暴露在任何液体或湿气中。避免阳光直射，污垢和强烈的震动。

3 特性

这款无源2音路全频扬声器的特点：
采用电脑模拟设计，二分频倒相式全频音箱。



频响曲线



4 安装

打开设备包装并在使用本设备前仔细检查是否存在运输损坏。 设备包装。 为在运输或存储过程中充分保护产品免受振动，灰尘和湿气的影
响，请使用原包装或您自己的适用于运输或储存的包装材料。
在设备关闭时搭建所有连接。 使用尽量短的高质量线材连接。



警告

坠落物造成伤害的风险

确保安装符合标准和规则适用于您的国家。请使用安全装置来保护设备，例如安全绳或安全链。



注意

可能被磁场破坏

扬声器产生静态磁场

→ 因此与可能受负面影响的设备保持适当距离，避免受外部磁场影响或损坏。



注意

支架的使用

→ 将设备安装到支架上时，请确保支架处于安全稳定的位置，并且设备的重量不会超过支架的最大允许负载能力。

我们建议您以某种方式设置本产品，使其声音信号能够畅通无阻地传达给观众。将本产品安装在三脚架上通常会很有帮助。因此，声音将在整个观众区域均匀分布，并具有最大传播范围。

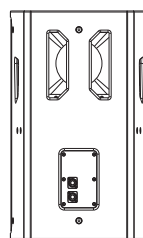
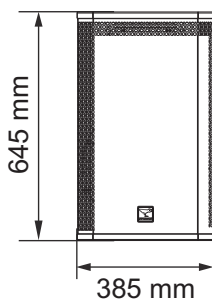
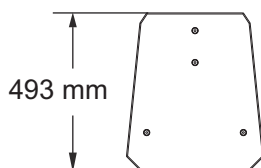
使用高质量的电缆连接设备。否则不会达到最大的声音质量。

为获得最佳效果，本产品的阻抗和额定功率必须符合功放输入信号的要求。考虑本产品的技术规格。连接音箱总阻抗不得低于功放的最小输出阻抗。功放最大 RMS 输出功率应该比所连接音箱的功率处理能力高出 50 %

如果在操作过程中发现声音重放时有失真，放大器或本产品过载，这可能会永久损坏功放或本产品，一旦发现声音重放时有失真，请减小音量。

5 技术规格说明

单元	14" 低音扬声器 44芯压缩驱动器
功率	750 W (RMS)
灵敏度	99dB
阻抗	8
最大声压级	127 dB (1m) 133 dB (peak)
频率响应	50Hz - 18kHz (-3dB)
指向性	水平90° ×垂直80°
尺寸(W × H × D)	385mm×645mm×493mm
净重	29.5kg



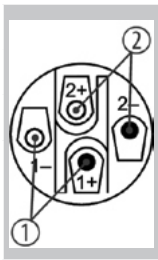
6 插头和连接分配

介绍

本章将帮助您选择合适的电缆和插头，以确保完美的声音体验，连接贵重设备。

请遵循以下提示，因为在处理声光时需特别小心：即使插头插入插座，错误的连接也可能导致功放损坏，短路或传输质量差！

NI4连接

	1, +	Signal 1 (phasenrichtig)
	1, -	Signal 1 (phasenverkehrt)
	2, +	NC
	2, -	NC

7 环境保护

包装



对于包装，选择了可用于正常回收的环保材料。 确塑料袋，包装等妥善处理。

不要仅仅将这些材料与生活垃圾一起处理，但要确保将它们被收集回收。 遵循包装上的注意事项和标记。

旧设备处置



本产品受当前有效版本的欧洲废弃电子电气设备指令 (WEEE) 约束。

要当做生活垃圾处理。

通过认可的废物处理公司或通过当地的废物处理设施处置此设备。 丢弃设备时，请遵守贵国适用的规则 and 规定。 有疑问，请咨询当地的废物处理设施。

