



# ***NL-AM 15800***

## **USER MANUAL**

**ACTIVE FULL FREQUENCY SYSTEM**

## GENERAL INSTRUCTIONS

**UNPACKING:** Thank you for purchasing NORDLYS products. Each product has been thoroughly tested and shipped in perfect operating condition. Please carefully check the shipping carton for any damage, as this may have occurred during transport. If the carton appears damaged, carefully inspect your equipment for any damage and ensure that all accessories necessary to operate the unit have arrived intact.

**CAUTION:** There are no serviceable parts inside the unit. Do not attempt to repair it yourself; doing so will void the warranty. In the unlikely event that your unit requires service, please contact an authorised dealer or the manufacturer. The manufacturer will not accept any liability for any resulting damage caused by failure to follow this manual or any unauthorised modifications to the equipment.

The operation of this equipment is subject to the following two conditions: this equipment or device may not cause harmful interference and/or this equipment or device must accept any interference, including interference that may cause undesired operation.

## SAFETY PRECAUTIONS

**Qualified personnel must carry, install and operate this equipment, but they must refer to the instructions in this manual.**

**Do not spill water or any other liquid into or on your unit.**

**Be sure to connect the unit to a receptacle suitable for the operating voltage of the unit.**

**Do not attempt to operate this unit if the power cord is damaged or broken. Do not attempt to remove or break the ground prong from the power cord. This prong is to reduce the risk of electric shock or fire in the event of an internal short.**

**Where the device is to be connected, it must be free of obstacles that may affect the function of the plug or power cord.**

**This symbol must not be used for other grounding terminals.**

## IMPORTANT INFORMATION

- Please keep the ventilation at a minimum distance of 1 metre to ensure that it is sufficient.
- Ventilation should not be impeded by covering the ventilation openings with items such as newspapers, tablecloths, curtains, etc.
- **IMPORTANT:** Do not place the appliance on naked flame sources, such as lighted candles.
- Please connect to the mains socket with a protective earth connection.
- The instructions for assembly and interconnection are correct and safe for the appliance in multimedia systems.
- Please do not expose to dripping or ingress of water, and do not place objects filled with liquids, such as glasses, on the appliance.
- Where a mains plug or appliance connector is used as a disconnect device, the disconnect device shall remain operable.
- The switch shall remain readily operable.

**Retain this manual for future reference regarding the performance of your equipment.**

## Introduction

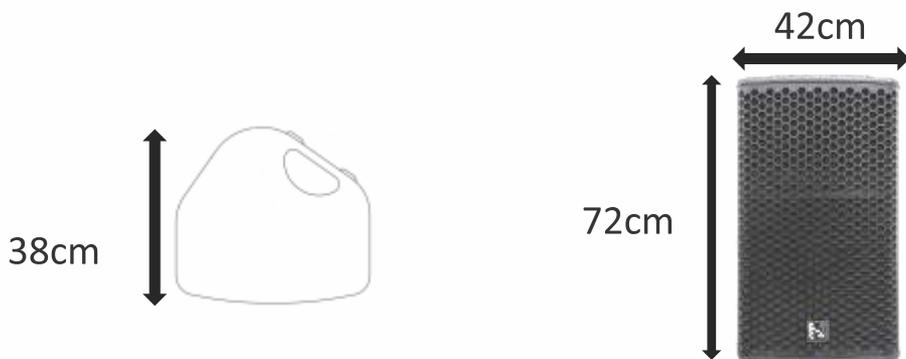
The NL-AM15800 has been designed to meet the increasingly demanding needs of the public, we use the highest quality materials and take care of every detail from the wood to the components through the amplification stage, every detail has been taken care of to offer a world-class product.

## Features:

### NL-AM15800

- High efficiency compact speaker.
- Includes Bluetooth connectivity.
- 3 presets for different applications.
- Active, equipped with a 800W RMS amplifier.
- Includes FIR filters for better coherence and HIFI sound.
- 134 db SPL peak.
- Weight 19.9 Kg.

The NL-AM15800 is a very flexible compact speaker, its size makes it fit anywhere always delivering great power and fidelity.



## Amplification and processing

### NL-AM15800 Rear Panel:

The power stage of the NL-AM15800 is based on class D amplifier, this guarantees the best use of energy, delivering great sound quality adding minimal weight to the box.

The integrated DSP is very powerful, we include FIR filters to have a coherence and flat phase achieving great sound clarity.

1. Dedicated presets for different applications:

**LINEAR:** For music to be recorded.

**BOOST:** Dedicated for live groups, it has a 80HZ cut with a 24db/oct better worth for use with subwoofers.

**STAGE:** For use as a reference on the floor.

2. Preset selector.

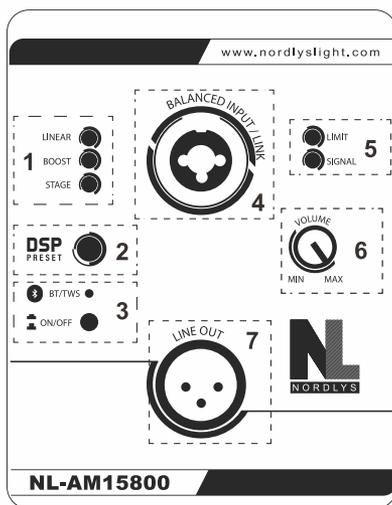
3. Bluetooth on/off button, also used to pair a second NL-AM15800

4. Signal input on combo connector.

5. Signal presence and limiting indicator LEDs.

6. Volume control.

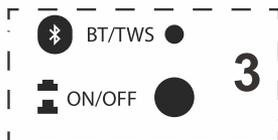
7. Line level signal output.



# BLUETOOTH

The NL-AM15800 features Bluetooth and TWS connectivity, the operation is shown below.

Turn on the NL-AM15800, press the Bluetooth button once.



Search for your S15 NORDLYS device in the Bluetooth section of your device and connect.



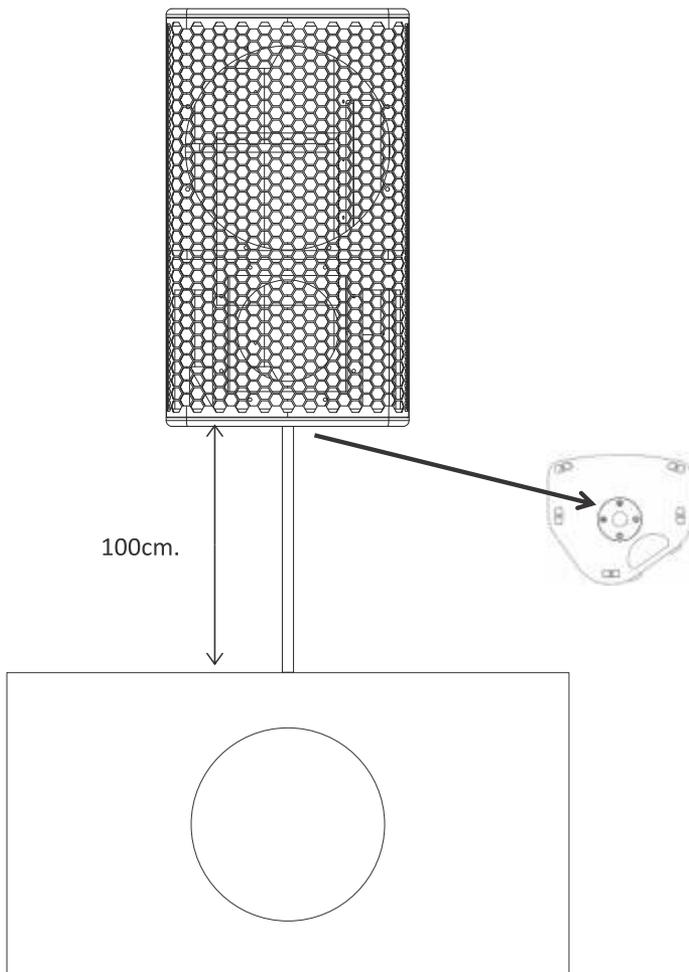
To connect two NL-AM15800, once connected to the first NL-AM15800, turn on the second NL-AM15800, press the Bluetooth button on the second NL-AM15800 A twice and they will pair



## Mounting

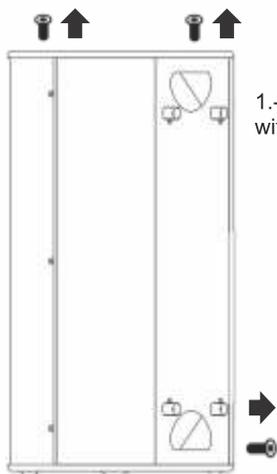
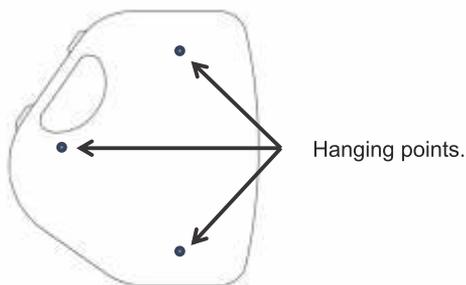
The NL-AM15800 speakers come equipped with a pole mount for mounting on a tripod or on top of a subwoofer.

There are different pole or tripod options, but in the specific case of pole use on a subwoofer, we recommend that the maximum length of the tube does not exceed one meter in length, to avoid as much as possible the possibility of it falling.



# Mounting

The NL-AM15800 has the option of hanging, the points for its correct mounting are shown below.



1.- Remove the screws with a ¼ Allen key.

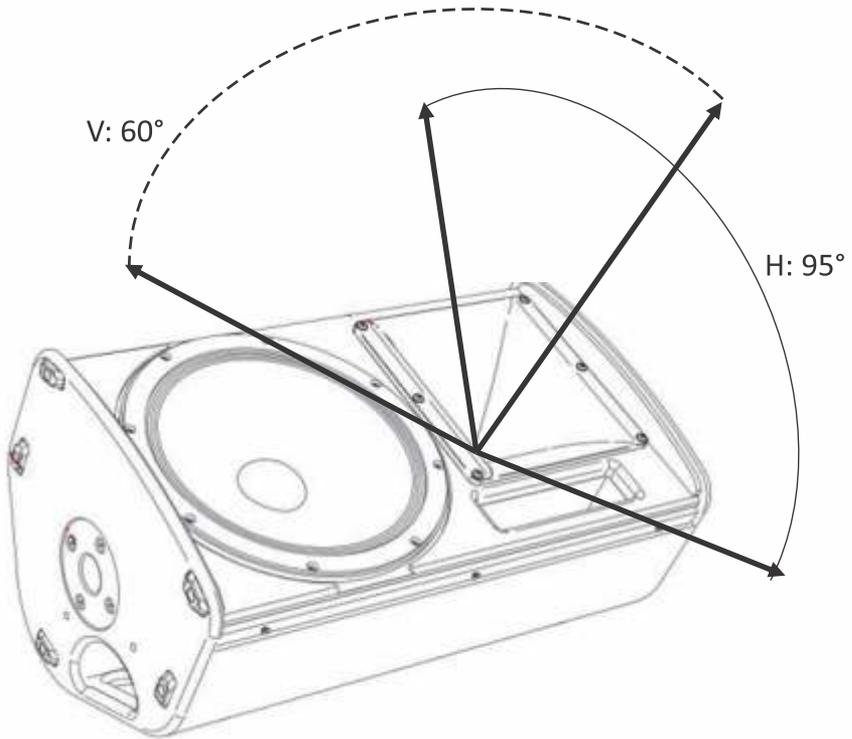


2.- Always place the hanging eyes using washers.



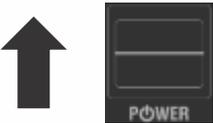
# Monitor

The NL-AM15800 is angled to lie flat and be used as a floor reference for musicians or speakers.



# Getting Started Guide

The NL-AM15800 speaker is easy to set up and use, here is a recommendation on how to get started with your systems. Before you begin, the system must be turned off.

<p>1. Connect the power to the speaker, make sure that the socket is properly grounded to minimize the risk of possible failures due to voltage surges.</p>	
<p>2. Insert the signal cable into the input with male XLR, TS or TRS Jack connectors in input 1 or 2.</p>	
<p>3. Lower the gain knob to minimum.</p>	
<p>4. Turn on the speaker.</p>	
<p>5. Gradually increase the gain.</p>	

## Specification

Model No.:	NL-AM15800
LF:	15inch woofer with 3"Voice coil
HF:	3inch
Frequency:	80-20,000Hz
Power:	800W
Amplifier:	Class D,Bi-Amp
Connectors:	Combo,XLR
Max SPL:	134db SPL

# ***NL-AM 15800***

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