

# TRIPLE ONDA

[www.tripleonda.com](http://www.tripleonda.com)

## TOP.S Series

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## User guide TOP.S 18swA



## TRIPLE ONDA,

30 years designing, manufacturing and dealing

### **TRIPLE ONDA LAUNCHES A NEW PRODUCT RANGE: TOP.S SERIES**

Triple Onda launches a new product range, called TOP.S Series, designed to cover medium and little events.

New TOP.S Series cabinets are build-in amplified and processed for professional performance. As usual, all Triple Onda's products follows the same philosophy: high quality design, robust and unusual products for all the professionals who live on the live sound every day.

## 1. INTRODUCTION

### **1.1. General**

**TRIPLE ONDA S.L.** would like to thank you for your confidence in our **TOP.S Series** cabinets.

A gathered experience of more than 30 years designing acoustic cabinets and amplifiers, applying most advanced analysis devices, has allowed to **TOP.S Series** become the optimal and ideal solution for fixed installations and especially for live events. TOP.S Series' **lightness, quality, power, and reliability** will not fail to surprise!

We suggest you to carefully read the following instructions in order to obtain the best results in performance.

### **1.2. Safety Instructions**

1. All the safety and operation instructions should be read before this product is operated.

2. The exclamation point within an equilateral triangle is intended to alert the user of the presence of internal components whose substitution may affect safety.



3. The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user of the presence of uninsulated dangerous voltage that may constitute a risk of electric shock to persons.



4. This product should not be exposed to rain or moisture. Do not use it, for example, near a swimming pool, water fountain or any liquid sources.

5. Clean only with a dry cloth.

6. This product should be situated so that its location does not interfere with its proper ventilation.

7. Do not install near heat sources such as radiators or other devices which produce heat.

8. This equipment should be serviced only by qualified service personnel when:

- ✓ The power-supply cord or the plug has been damaged; or
- ✓ Objects have fallen, or liquid has spilled; or
- ✓ This product does not appear to operate normally; or
- ✓ This product has been exposed to rain; or
- ✓ The chassis is damaged.

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

10. Do not suspend the cabinet from the handle.

## 2. TOP.S 18 swA CONNECTIONS

**1-IN:** Balanced signal XLR

1= Shield 2= Live 3= Return

**2-OUT:** XLR connector used for paralleling several units, which will share the same input.

1= Shield 2= Live 3= Return

**3-Gain:** Adjust LINE Input level

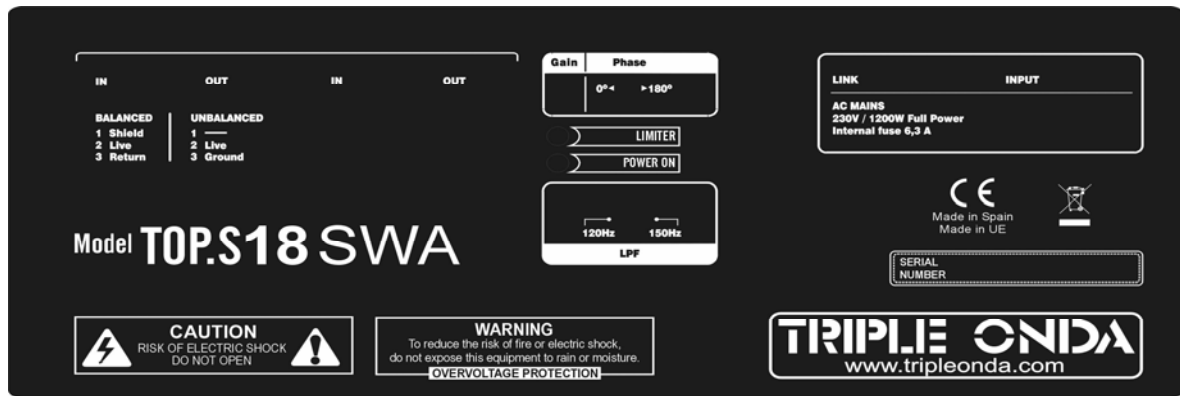
**4-Phase :** Phase switch 0° / 180°

**5-LINK (MAINS):** Output AC PowerCon to feed a secondary cabinet

**6-INPUT (MAINS):** Input AC PowerCon connector.

**7-FREQUENCY SWITCH:** Low Pass Filter 120 Hz / Low Pass Filter 150 Hz

**8-LIMITER:** Prevents the amplifier outputs from overdriving the transducers. When the LIMITER indicator is active, it is in red colour. The LIMITER indicator can be in red occasionally, but if it is continuously activated, turn down the level control until the LIMITER indicator is only in red occasionally.



## 2.1. Technical features

TOP.S 18swA	
Line Input XLR (BALANCED)	1,5V-10 kΩ
Mains	230V +/- 10%
Full power consumption	6,3 A
Components Woofer	1x18" Neodymium Magnet
Directivity H/V	Omnidirectional
Frequency Response(*)	30 Hz – 150/170 Hz (depending on switch)
Maximum SPL (1m)	131 dB
Dimensions (H x W x D)	550 x 740 x 670 mm
Weight	16,5 kg

- Make sure the output volume (gain) control on the mixing console is turned up sufficiently to drive the inputs of the speakers.
- Make sure the mixer does not have a Mute on.

### Distorted sound

- The system is overloaded and has reached maximum power. Turn down the mixer's output or the channel's gain.

### Poor bass performance

- Check the polarity of the connections between the mixer and the cabinets. You may have the positive and negative connections reversed at one end of the cable, causing a loudspeaker to be out-of-phase.

### Noise and Hum

- Make sure all connections to the active unit are in good conditions.
- Avoid the signal cables to be routed near AC cables, power transformers, or EMI-inducing devices.
- Check if there is any light dimmer on the same AC circuit as the cabinet. Connect the sound system to a different phase than the lights.

## 3. TROUBLESHOOTING

### No power

- Make sure that the cabinet is plug in.
- The Fuse is blown. Replace the fuse on fuse holder with one of the same type. If it blows again, take the unit to a service centre.

### No sound

- Check that the mixer or sound source is sending signal to the unit.
- Make sure that the VOLUME potentiometer is well-positioned.
- Check that the cable from the sound source to the units is connected correctly. Replace the cable if defective.



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