

10<sup>th</sup>  
anniversary

# TORNADO ROTARY SPEAKER

sweep your sound



The **TORNADO** is a rotary speaker built specifically for organs using high quality materials and components, and is available in two different models.

It's a bespoke speaker designed for the demanding organ player who requires high performance and excellent sound quality to enhance their skills.

Since its launch ten years ago, the **TORNADO** has proved itself to be an extremely reliable speaker able to deliver outstanding performance in any situation, thanks to the high quality of its components, its compact design and its light weight. In fact it has become the speaker of choice of many renowned international musicians who have been truly impressed by its overall performance.

The new models built to celebrate the tenth anniversary of the **TORNADO** come fitted with a 15" woofer, coupled with an exclusive driver which delivers exceptional rich tonality on low frequencies like the vintage American-built rotary speakers.

The high frequency horn and the bass drum are driven by a pair of extremely quiet motors running at low voltage. These, in turn, are regulated electronically by a purpose-built stabilising circuit, which maintains speed constant in both modes (low and fast). Speed can be selected by using a foot-pedal (supplied), and a led light indicates the selected mode: off/brake, green/slow, orange/fast.

The bass drum can be turned off independently of the horn by using a switch.

Purpose-built leads and cables to operate the unit via its multipolar connectors can be supplied upon request.



**rear panel**

### **Model 315:**

- **PRE-AMP:** Digital Signal Processor (encrypted) with the following specifications:  
input: volume; gain; 10-band equalizer; cross-over.  
output: volume; gain; 10-band equalizer; independent limiter for each channel
- **AMPLIFIER:** Solid-state SMD (surface mount device) inside a double 350W channel with limiter
- **POWER:** 300W overall output on two channels
- **INPUT:** balanced and unbalanced XLR connectors (multipolar connectors available on request)
- **CONTROLS:** Volume; 4-presets selector (classic, brilliance, soft, pop)
- **LOUDSPEAKER:** 1" tweeter; 15" woofer with neodymium magnets
- **DIMENSIONS:** 48 cm x 50 cm x 75 cm (height) including wheels (x4)
- **WEIGHT:** 29 Kg.
- **POWER SUPPLY:** 100-260VAC 50/60Hz 700W

Ideal for Jazz, Funk, Fusion, Easy-listening etc..



**rear panel**

### **Model 115:**

- **AMPLIFIER:** handcrafted external metal chassis, with a purpose-built valve protection design and set of handles for easy transportation. Fitted with KT88 tubes on a unique vibration-damping system, and a high-spec output transformer mounted on silent-block.
- Class of Operation: AB1
- **TUBES:** 1 x 12AX7, 1 x 12AU7, 2 x KT88
- **POWER:** 80W / 16 Ohm
- **INPUT:** ¼" jack (multipolar connectors available on request)
- **CONTROLS:** volume; bass and treble (specifically tuned for organs); over-drive; 3-positions selector (20W/ Stand-by / 80W)
- **LOUDSPEAKER:** 1" tweeter; 15" woofer
- **DIMENSIONS:** 48 cm x 50 cm x 75 cm (height) including wheels (x4)
- **WEIGHT:** Cabinet : 28 Kg – Amplifier: 10 Kg
- **POWER SUPPLY:** 230VAC 50/60Hz 200W

Ideal for Rock, Blues, Gospel, Pop etc..

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Technical specifications may change without notice.