

Trada 30 A

Sensor Controlled
Horn Loaded
Subwoofer



21" horn loaded subwoofer

Sensor controlled performance

Horn loaded to 30 Hz

Compact and mobile form factor

Stackable with pole mount

Configuration

Frequency response (± 3 dB)

Max. SPL (cont./ peak)(calc.)

Nominal dispersion

Array dispersion

Drivers

Nominal impedance

Power handling (cont./peak)

Connections

Dimensions (WxHxD) mm

Weight

Self-powered

30 Hz - 80 Hz

137 dB / 150 dB

Louder in front

Array dependent

1x 21"

1 Ω

2500 W / 5000 W

Powercon for power, XLR input,
XLR output, Ethernet

870 x 590 x 787 mm

34.3 x 23.2 x 31.0 in

103,4 kg / 228.0 lbs

Compact performance

Trada 30 is designed to provide very high output relative to size, in a versatile, mobile form factor.

Horn loading

The horn loading mechanism enables high sensitivity, good impulse response, and an impressively low distortion level. The combination of high quality audio reproduction down to 30Hz, with very high SPL for the size and weight of the cabinet, makes the Trada 30 suitable for a range of applications.

Broad application areas

Features for stacking the subwoofer enable very powerful setups, as the horn principle will increase the efficiency of each unit in the stack as well as increase the frequency

response below 30Hz. The pole mount combined with the compact form factor of Trada 30, enables a very high output system with minimal footprint.

Sensor control

IpalMod is the hardware/software platform provided by Powersoft and selected loudspeaker manufacturers to implement Integrated Powered Adaptive Loudspeaker (IPAL) technology, a functional solution to overcome the limitations of traditional transducers. Ipal-based amplifier/loudspeaker systems offer much higher SPL capability with respect to traditional speaker systems with the same driver size. The overall efficiency of the amplifier-loudspeaker system is also better than traditional designs.

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