GTO-LOW

The GTO-LOW is bass extension cabinet which features the same dual 15” drive units, physical dimensions and rigging hardware as the GTO cabinet. The reflex ports are also in the same configuration as GTO which preserves the low-frequency continuity of the array when cabinets are combined. This allows combinations of GTO and GTO-LOW to be deployed in a wide variety of ways depending on the application, venue and available space.





Cena:
Kategorie: Audio, Scena, Głośniki, Instalacje AV, Nagłośnienie obiektów

GALLERY IMAGES








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The GTO-LOW is designed to fulfil two main roles:

- As a bass-extension cabinet for GTO. GTO-LOW elements are normally driven via dedicated controller and amplifier channels, and a factory option is provided to extend low frequency response by selection of a user preset. In standard mode the frequency response of the GTO-LOW mirrors that of the low frequency section of the GTO cabinet (50Hz to 100Hz), but the user may also choose to extend the range of the GTO-LOW cabinets down to 40Hz if the application requires it.
- As a multi-purpose low frequency array element which can be used with other Outline systems including Mantas and Butterfly by selection of the correct user programs within the DSP units supported. The frequency response of GTO-LOW is sufficiently flexible that it can be adjusted significantly through a range of values to suit various mid/high elements, and can easily handle up to 200Hz.

GTO-LOW modules have the same footprint and rigging hardware as GTO, so can be easily incorporated within a GTO array to extend its overall height. Depending on the exact configuration of cabinets, inclusion of GTO-LOW cabinets within a GTO array provides enhanced low frequency directivity and extends the low frequency response of the array. GTO-LOW cabinets may also be configured to create a low-frequency cardioid coverage pattern, which can be extremely beneficial in many applications. Benefits include the removal of unwanted low frequencies on stage, much greater control over low frequencies in reverberant spaces, and more precise overall system control in acoustically challenging venues.

Whilst the GTO-LOW has the same external shape as GTO to facilitate easy storage, transport and inclusion within GTO / GTO-LOW combination systems, there are some significant internal differences. Because of its very high power handling and frequency response the whole structure features extensive internal bracing and a single-piece front baffle to maintain structural integrity.

Despite all this extra internal engineering, GTO-LOW still weighs only 72 kg (159 lb) including the rigging hardware.

FREQUENCY RESPONSE (-10 dB)	28 Hz – 300 Hz
AVERAGE DISPERSION	Horizontal: Quasi-omnidirectional Vertical: Depending on array configuration
IMPEDANCE	2 x 8 Ω (min 2 x 6.5 Ω)
POWER – WAES	2 x 600 (2 x 2400 peak)
MAX SHORT-TERM SPL @ 1 m*	141 dB SPL (free-field) 147 dB SPL (half-space)
LOUDSPEAKERS AND LOADING	2 x 15″ NdFeB Hybrid band-pass loaded woofers
WEIGHT – SINGLE UNIT	72 kg (159 lb)
DIMENSIONS (Net)	Height: 465 mm (18 5/16″) Width: 1126 mm (44 11/32″) Depth: 655 mm (25 25/32″)
DIMENSIONS (With Pins)	Height: 465 mm (18 5/16″) Width: 1181 mm (46 1/2″) Depth: 655 mm (25 25/32″)

* referred to GTO HF throat, calculated using +10 dB crest-factor signal