

# TiLOW Data Sheet

## **TiLOW** Ultra Compact 12" Bass Extension for TiRAY



The TiLOW is a bass extension module operating in the range 44–300 Hz. The TiLOW complements TiRAY systems and paired subwoofers, overlapping the low range to provide more energy and control in the lower range.

Primarily designed for integration into TiRAY line arrays, the TiLOW is also suited for a variety of applications in touring and installations where ultra compact size and high-precision deep bass with directivity control is needed.

The bass extension module contains a 12" driver that exhibits high efficiency and ultra-low distortion. The 4" voice coil is capable of sustaining high excursion at a consistent magnetic force. The driver is housed in a compact, vented enclosure with an exceptional power-to-weight ratio.

TiLOW rigging is compatible with TiRAY systems and features an integrated M20 pole-mount for use as a base for ground-stacked line arrays. Paired with TiRAY line array modules and optional adapters, the TiLOW facilitates the setup of a compact and powerful system with increased low-frequency headroom, minimal set-up time, and minimal transport cost.

The TiLOW is designed to work exclusively with CODA Audio LINUS Loudspeaker Management Amplifiers as an integrated solution for DSP, amplification, network remote control, optimal performance, protection, as well as extensive possibilities for system tuning and monitoring.

### TiLOW Features

- ⊕ 12" ultra low distortion driver
- ⊕ Extended frequency range: 44–300 Hz (-6 dB)
- ⊕ Power handling: 1000 W (AES)
- ⊕ Vented enclosure for efficient and powerful low-end enhancement
- ⊕ Flyable or ground-stackable
- ⊕ Acoustically and rigging compatible with the TiRAY ultra compact line array system
- ⊕ CUTI and CUTI-SF adapters allow ground-stacked pole-mounted TiRAY arrays with a TiLOW base
- ⊕ System integration with LINUS Loudspeaker Management Amplifiers

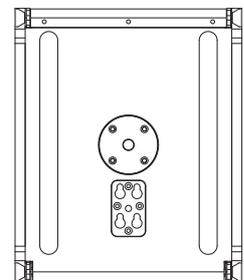
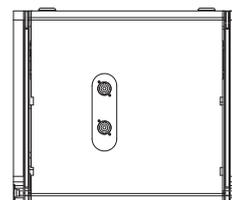
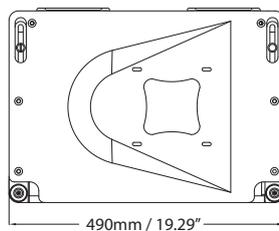
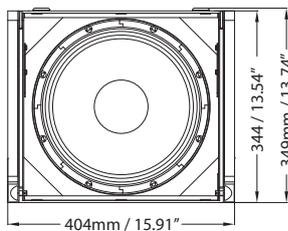


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Product type:	Ultra compact 12" bass extension for TiRAY
Frequency response:	44 Hz – 300 Hz (-6 dB)
Power handling AES / peak (passive):	1000 W / 4000 W
Sensitivity 1 W / 1 m:	95 dB
Max. output peak:*	135 dB
Amplification, cabinets per amplifier (Optimum / Maximum):	LINUS10-C: 8/12 LINUS12C: 8/16 LINUS14D: 8/16
Components:	12" ultra low distortion woofer, 4" (101.6 mm) VC 1000 W (AES)
Input connectors:	2x Neutrik™ NL4MP
Velocity sensors output:	N/A
Nominal impedance:	8 Ω (1+/1-)
Enclosure material:	Birch plywood
Finish:	Polyurea coating
Suspension:	M20 flying hardware integrated
IP rating options (IEC 60529):	Standard IP54
Weatherproof protection options:	Standard IP55: IP55 (Amphenol connectors) MG1 (Marine Grade 1): IP55
Dimensions (WxHxD):	404 x 344 x 490 mm / 15.91 x 13.54 x 19.29" 404 x 349 x 490 mm / 15.91 x 13.74 x 19.29" (incl. hardware)
Net weight:	20 kg / 44.1 lbs

\*Measured with pink noise 6 dB crest factor. Half-space loading.



## Other TiRAY System Products



### TiRAY

Ultra compact 2-way  
Line Array System



### SCV-F

Compact 18" Subwoofer  
with SC Technology



### LINUS M-RACK

4 Channel DSP Amplifier Rack  
1 x LINUS14D in a 3U case

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