

# TA-F115

extreme lightweight  
powered loudspeaker

**Trevis**  
audio lab

## PRODUCT FEATURES

- ▶ High power fullrange loudspeaker utilizing a 15" neodymium motor LF driver, and 1.4" throat titanium diaphragm compression driver.
- ▶ Self powered, built in Class D amplification for more sound with less weight and less heat, with the lowest average power consumption - minimal stress on mains network.
- ▶ Bi-amped for the highest sound quality. Exceptional quality 24bit / 48kHz DSP combined with digital amplification ensures natural and clear sound, and maximum driver protection.
- ▶ Rotatable 80°x60° constant directivity horn and unique, super-lightweight cabinet materials ensure versatility and makes it ideal for a wide range of portable PA applications.

- ▶ Supported with stand mounting and optional flying accessories.

## TA-F115 SYSTEM APPLICATIONS

- ▶ Near- to mid-field touring, installed or portable PA for clubs, road-shows, houses of worship, A/V, theater, broadcast, etc.
- ▶ High power side-fill, drum-fill monitoring for clubs, A/V, theater, broadcast, etc.

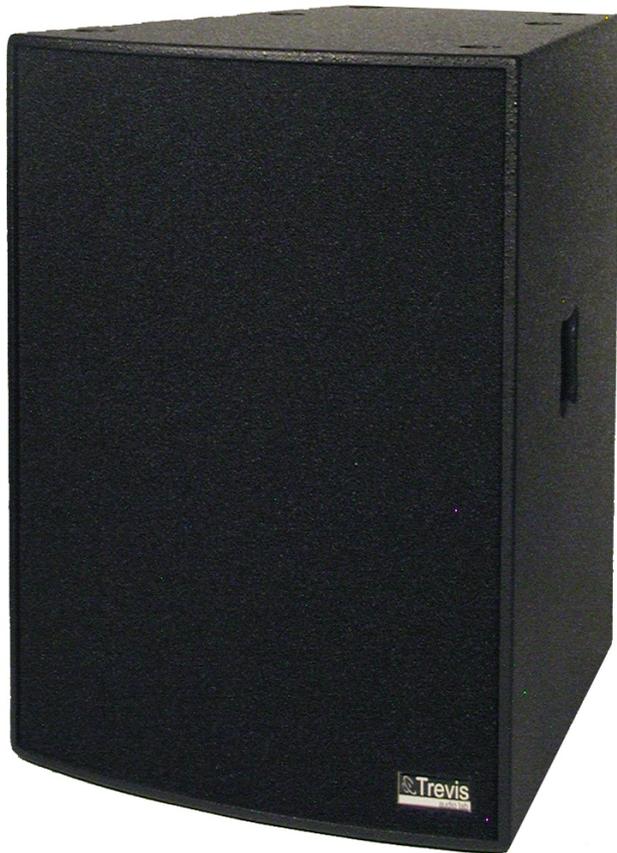
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## SYSTEM SPECIFICATIONS

Frequency Response <sup>1</sup>	50Hz-18kHz ±3dB	
Usable Frequency Range (-6dB) <sup>1</sup>	40Hz - 20kHz	
Max. SPL levels @ 1m <sup>2</sup>	126.5 dB SPL (continuous)	132.5 dB (peak)
Nominal Coverage (-6dB)	80° Horizontal x 60° Vertical, rotatable HF horn	
Crossover Frequency <sup>3</sup>	1200 Hz bi-amped, DSP processed	
Signal Processing	24 bit resolution / 48 kHz sampling rate	
Input Impedance	10 kOhm, balanced, XLRf input conn., XLRM loop out conn.	
Amplifier Rated Power (EIAJ)	2 channel Class D amplifier with SMPS, LF: 750W, HF:370W	
Mains Input & Connectors	Neutrik Powercon In & Out socket	
Power Requirement	Nominal: 2.2 A <sub>rms</sub> , Peak maximum current draw 6.3 A <sub>rms</sub> (@230V)	

## PRODUCT FEATURES

Components: Low Frequency	1 x 15" High power Neodymium motor driver, 3" (76 mm) voice coil	
High Frequency	1 x 1.4" (35mm) throat compression driver + low distortion CD horn	
	2.5" (65 mm) voice coil, pure titanium diaphragm, Ferrofluid™ cooling	
Construction	Special extreme lightweight plywood cabinet with bracing	
Height x Width x Depth	710 x 520 x 575 [mm]	
Weight	20 kg	
Handle	Integral, on both sides of the cabinet	
Cabinet Finish	Textured durable grey polyurethane coating	
Front finish	AcuFoam™ on perforated steel grille	
Stand fittings	Built in Stand Fitting, 35mm (1"3/8), flying points (optional)	



# TA-S118

extreme lightweight  
powered subwoofer



## PRODUCT FEATURES

- ▶ High power subbass loudspeaker utilizing a 18" neodymium motor LF driver, ideal low end extension for the TA-F115P speaker.
- ▶ Self powered, built in Class D amplification for more sound with less weight and less heat, with the lowest average power consumption - minimal stress on mains network.
- ▶ Exceptional quality 24bit / 48kHz DSP combined with high power digital amplification ensures deep and tight bass even at high SPL levels, and maximum driver protection.
- ▶ Easy installation (just loop it from a TA-F115, or drive it thru an AUX or Group output of your console) and super-lightweight cabinet materials ensure versatility and makes it ideal for a wide range of portable PA applications.

## SYSTEM SPECIFICATIONS

Frequency Response <sup>1</sup>	35Hz-120Hz ±3dB
Usable Frequency Range (-6dB) <sup>1</sup>	30Hz - 140Hz
Max. SPL levels @ 1m <sup>2</sup>	125 dB SPL (continuous)    131 dB (peak)
Nominal Coverage (-6dB)	360° (omnidirectional)
Crossover Frequency <sup>3</sup>	120 Hz , DSP processed
Signal Processing	24 bit resolution / 48 kHz sampling rate
Input Impedance	10 kOhm, balanced, XLRf input conn., XLRM loop out conn.
Amplifier Rated Power (EIAJ)	Class D amplifier with SMPS, 1000W output power
Mains Input & Connectors	Neutrik Powercon In & Out socket
Power Requirement	Nominal: 1.6 A <sub>rms</sub> , Short term max. current draw 4 A <sub>rms</sub> (@230V)

## PRODUCT FEATURES

Components: Low Frequency	1 x 18" High power Neodymium motor driver
	4" (100 mm) voice coil
Construction	Special extreme lightweight plywood cabinet with bracing
Height x Width x Depth	710 x 520 x 405 [mm]
Weight	18 kg
Handle	Integral, on both sides of the cabinet
Cabinet Finish	Textured durable grey polyurethane coating
Front finish	AcuFoam™ on perforated steel grille
Stand fittings	-

## TA-S118 SYSTEM APPLICATIONS

- ▶ Near- to mid-field touring, installed or portable PA for clubs, road-shows, houses of worship, A/V, theater, broadcast, etc.
- ▶ High power side-fill, drum-fill monitoring for clubs, A/V, theater, broadcast, etc.

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