

POWERPACT SERIES

extreme lightweight
loudspeaker system

 **Trevis**
audio lab



www.trevisaudio.com
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POWERPACT SERIES TA-08P

extreme lightweight
loudspeaker system

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PRODUCT FEATURES

- ▶ High power system with 8" LF and 1" HF drivers.
- ▶ Ferrofluid® cooled HF drivers with rotatable 90°x60° constant directivity horn and unique cabinet architecture ensures versatility; user adaptable for both PA and stage monitoring applications.

▶ 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-amplified for the highest sound quality. Superior sound quality 24bit / 48kHz DSP combined with digital amplification ensures natural and clear sound, and maximum driver protection.

▶ Supported with stand mounting and M8 flying points for threaded eye-bolts or brackets.

TA-08P SYSTEM APPLICATIONS

▶ Near-field touring, installed PA for clubs, A/V, theater, broadcast or high power studio monitoring etc.

▶ High quality stage monitoring for clubs, A/V, theater, broadcast, etc.

▶ Fill-in system in conjunction with larger Trevis Audio systems.

SYSTEM SPECIFICATIONS

Frequency Response ¹	65Hz-19kHz ±3dB (Fill preset)
Usable Frequency Range (-6dB) ¹	60Hz - 20kHz (Fill preset)
Max. SPL levels @ 1m ²	115 dB SPL (continuous) 121dB SPL(peak) (Fill preset)
Nominal Coverage (-6dB)	90° Horizontal x 60° Vertical, rotatable HF horn
Crossover Frequency ³	2000 Hz bi-amped, DSP processed
Signal Processing	24 bit/48 kHz, 4 user selectable presets: Front, Fill, Monitor, X-Over
Input Impedance	10 kOhm, balanced, XLRf input conn., XLRM loop out conn.
Amplifier Rated Power (EIAJ)	2 channel Class D amplifier with SMPS, LF: 350W, HF:180W
Mains Input & Connectors	IEC power input socket
Power Requirement	Nominal: 1 A _{rms} , Peak maximum current draw 3.15 A _{rms} (@230V)

PRODUCT FEATURES

Components: Low Frequency	1 x 8" High power Neodymium motor driver, 2" (51 mm) voice coil
High Frequency	1 x 1" (25mm) throat compression driver + low distortion CD horn
	1.4" (36 mm) voice coil, mylar diaphragm, Ferrofluid™ cooling
Construction	Special extreme lightweight plywood cabinet with bracing
Height x Width x Depth	410 x 250 x 280 [mm]
Weight	7.7 kg
Handle	Integral, on top of the cabinet
Cabinet Finish	Textured durable black polyurethane coating
Front finish	AcuFoam™ on perforated steel grille
Stand fittings	Built in Stand Fitting, 35mm (1"3/8), 12xM8 flying points

[1] Response curves & data : Anechoic Far Field for the full-range speakers, and Half-Space Anechoic radiation for the sub-bass speakers.

[2] Sensitivity & Peak SPL data: Measured with band limited pink noise (6dB crest factor).

[3] Acoustical crossover frequency - at this frequency, the transducers produce equal sound pressure levels.

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POWERPACT SERIES TA-10P

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PRODUCT FEATURES

- ▶ High power system with 10" LF and 1" HF drivers.
- ▶ Ferrofluid® cooled HF drivers with rotatable 90°x60° constant directivity horn and unique cabinet architecture ensures versatility; user adaptable for both PA and stage monitoring applications.

▶ 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-amplified for the highest sound quality. Superior sound quality 24bit / 48kHz DSP combined with digital amplification ensures natural and clear sound, and maximum driver protection.

▶ Supported with stand mounting and M8 flying points for threaded eye-bolts or brackets.

TA-10P SYSTEM APPLICATIONS

- ▶ Near-field touring, installed PA for clubs, A/V, theater, broadcast etc.
- ▶ High quality stage monitoring for clubs, A/V, theater, broadcast, etc.
- ▶ Fill-in system in conjunction with larger Trevis Audio systems.

SYSTEM SPECIFICATIONS

Frequency Response ¹	65Hz-19kHz ±3dB (Fill preset)
Usable Frequency Range (-6dB) ¹	60Hz - 20kHz (Fill preset)
Max. SPL levels @ 1m ²	117 dB SPL (continuous) 123 dB SPL(peak) (Fill preset)
Nominal Coverage (-6dB)	90° Horizontal x 60° Vertical, rotatable HF horn
Crossover Frequency ³	2000 Hz bi-amped, DSP processed
Signal Processing	24 bit/48 kHz, 4 user selectable presets: Front, Fill, Monitor, X-Over
Input Impedance	10 kOhm, balanced, XLRf input conn., XLRM loop out conn.
Amplifier Rated Power (EIAJ)	2 channel Class D amplifier with SMPS, LF: 350W, HF:180W
Mains Input & Connectors	IEC power input socket
Power Requirement	Nominal: 1 A _{rms} , Peak maximum current draw 3.15 A _{rms} (@230V)

PRODUCT FEATURES

Components: Low Frequency	1 x 10" High power Neodymium motor driver, 2" (51 mm) voice coil
High Frequency	1 x 1" (25mm) throat compression driver + low distortion CD horn 1.4" (36 mm) voice coil, mylar diaphragm, Ferrofluid™ cooling
Construction	Special extreme lightweight plywood cabinet with bracing
Height x Width x Depth	470 x 310 x 320 [mm]
Weight	9.5 kg
Handle	Integral, on top of the cabinet
Cabinet Finish	Textured durable black polyurethane coating
Front finish	AcuFoam™ on perforated steel grille
Stand fittings	Built in Stand Fitting, 35mm (1"3/8), 12xM8 flying points

[1] Response curves & data : Anechoic Far Field for the full-range speakers, and Half-Space Anechoic radiation for the sub-bass speakers.

[2] Sensitivity & Peak SPL data: Measured with band limited pink noise (6dB crest factor).

[3] Acoustical crossover frequency - at this frequency, the transducers produce equal sound pressure levels.



POWERPACT SERIES TA-12P

extreme lightweight
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PRODUCT FEATURES

- ▶ High power system with 12" LF and 1" HF drivers.
- ▶ Ferrofluid® cooled HF drivers with rotatable 90°x60° constant directivity horn and unique cabinet architecture ensures versatility; user adaptable for both PA and stage monitoring applications.

▶ 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-amplified for the highest sound quality. Superior sound quality 24bit / 48kHz DSP combined with digital amplification ensures natural and clear sound, and maximum driver protection.

▶ Supported with stand mounting and M8 flying points for threaded eye-bolts or brackets.

TA-12P SYSTEM APPLICATIONS

▶ Near-field touring, installed PA for clubs, A/V, theater, broadcast etc.

▶ High quality stage monitoring for clubs, A/V, theater, broadcast, etc.

▶ Fill-in system in conjunction with larger Trevis Audio systems.

SYSTEM SPECIFICATIONS

Frequency Response ¹	60Hz-19kHz ±3dB (Fill preset)
Usable Frequency Range (-6dB) ¹	55Hz - 20kHz (Fill preset)
Max. SPL levels @ 1m ²	120 dB SPL (continuous) 126 dB SPL(peak) (Fill preset)
Nominal Coverage (-6dB)	90° Horizontal x 60° Vertical, rotatable HF horn
Crossover Frequency ³	1700 Hz bi-amped, DSP processed
Signal Processing	24 bit/48 kHz, 4 user selectable presets: Front, Fill, Monitor, X-Over
Input Impedance	10 kOhm, balanced, XLRf input conn., XLRM loop out conn.
Amplifier Rated Power (EIAJ)	2 channel Class D amplifier with SMPS, LF: 350W, HF:180W
Mains Input & Connectors	IEC power input socket
Power Requirement	Nominal: 1 A _{rms} , Peak maximum current draw 3.15 A _{rms} (@230V)

PRODUCT FEATURES

Components: Low Frequency	1 x 12" High power Neodymium motor driver, 2.5" (64 mm) voice coil
High Frequency	1 x 1" (25mm) throat compression driver + low distortion CD horn 1.7" (44 mm) voice coil, polyimide diaphragm, Ferrofluid™ cooling
Construction	Special extreme lightweight plywood cabinet with bracing
Height x Width x Depth	560 x 400 x 360 [mm]
Weight	11 kg
Handle	Integral, on top of the cabinet
Cabinet Finish	Textured durable black polyurethane coating
Front finish	AcuFoam™ on perforated steel grille
Stand fittings	Built in Stand Fitting, 35mm (1"3/8), 12xM8 flying points

[1] Response curves & data : Anechoic Far Field for the full-range speakers, and Half-Space Anechoic radiation for the sub-bass speakers.

[2] Sensitivity & Peak SPL data: Measured with band limited pink noise (6dB crest factor).

[3] Acoustical crossover frequency - at this frequency, the transducers produce equal sound pressure levels.



POWERPACT SERIES TA-15P

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PRODUCT FEATURES

- ▶ High power system with 15" LF and 1.4" HF drivers.
- ▶ Ferrofluid® cooled HF drivers with rotatable 90°x40° constant directivity horn and unique cabinet architecture ensures versatility; user adaptable for both PA and stage monitoring applications.

▶ 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.

▶ Superior sound quality 24bit / 48kHz DSP combined with 700W digital amplification ensures natural and clear sound, and maximum driver protection.

▶ Supported with stand mounting and M8 flying points for threaded eye-bolts or brackets.

TA-15P SYSTEM APPLICATIONS

▶ Near- to mid-field touring, installed PA for clubs, A/V, theater, broadcast etc.

▶ High power stage monitoring for clubs, A/V, theater, broadcast, etc.

▶ Fill-in system in conjunction with larger Trevis Audio systems.

SYSTEM SPECIFICATIONS

Frequency Response ¹	60Hz-19kHz ±3dB (Fill preset)
Usable Frequency Range (-6dB) ¹	55Hz - 20kHz (Fill preset)
Max. SPL levels @ 1m ²	125 dB SPL (continuous) 131 dB SPL(peak) (Fill preset)
Nominal Coverage (-6dB)	90° Horizontal x 40° Vertical, rotatable HF horn
Crossover Frequency ³	1300 Hz , DSP processed (with passive x-over)
Signal Processing	24 bit/48 kHz, 4 user selectable presets: Front, Fill, Monitor, X-Over
Input Impedance	10 kOhm, balanced, XLRf input conn., XLRM loop out conn.
Amplifier Rated Power (EIAJ)	700W (Bridged) Class D amplifier with SMPS
Mains Input & Connectors	IEC power input socket
Power Requirement	Nominal: 1 A _{rms} , Peak maximum current draw 3.15 A _{rms} (@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" (36mm) throat compression driver + low distortion CD horn 2.5" (64 mm) voice coil, pure titanium diaphragm, Ferrofluid™ cooling
Construction	Special extreme lightweight plywood cabinet with bracing
Height x Width x Depth	680 x 430 x 395 [mm]
Weight	19 kg
Handle	Integral, on top of the cabinet
Cabinet Finish	Textured durable black polyurethane coating
Front finish	AcuFoam™ on perforated steel grille
Stand fittings	Built in Stand Fitting, 35mm (1"3/8), 12xM8 flying points

[1] Response curves & data : Anechoic Far Field for the full-range speakers, and Half-Space Anechoic radiation for the sub-bass speakers.

[2] Sensitivity & Peak SPL data: Measured with band limited pink noise (6dB crest factor).

[3] Acoustical crossover frequency - at this frequency, the transducers produce equal sound pressure levels.



POWERPACT SERIES TA-12SP

extreme lightweight
loudspeaker system

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PRODUCT FEATURES

- ▶ High power 12" bass extension for TA-P speakers
- ▶ 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.
- ▶ Superior sound quality 24bit / 48kHz DSP combined with 700W digital amplification ensures natural and clear sound, and maximum driver protection.
- ▶ Supported with stand mounting

TA-12SP SYSTEM APPLICATIONS

- ▶ Near-field touring, installed PA for clubs, A/V, theater, broadcast or high power studio monitoring etc.
- ▶ High quality stage monitoring for clubs, A/V, theater, broadcast, etc.
- ▶ Fill-in system in conjunction with larger Trevis Audio systems.

SYSTEM SPECIFICATIONS

Frequency Response ¹	42Hz-110Hz ±3dB
Usable Frequency Range (-6dB) ¹	38Hz - 120Hz
Max. SPL levels @ 1m ²	123 dB SPL (continuous) 129 dB SPL(peak)
Nominal Coverage (-6dB)	360° (Omnidirectional)
Presets	User selectable, X-over, Add-Sub, X-O. Card., Add-S. Card.
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)	700W (Bridged) Class D amplifier with SMPS
Mains Input & Connectors	IEC power input socket
Power Requirement	Nominal: 1 A _{rms} , Peak maximum current draw 3.15 A _{rms} (@230V)

PRODUCT FEATURES

Components: Low Frequency	1 x 12" High power Neodymium motor driver, 3" (76 mm) voice coil
Construction	Hybrid bandpass horn subwoofer Special extreme lightweight plywood cabinet with bracing
Height x Width x Depth	385 x 525 x 610 [mm]
Weight	18 kg
Handle	Integral, on edges
Cabinet Finish	Textured durable black polyurethane coating
Front finish	AcuFoam™ on perforated steel grille
Stand fittings	Built in Stand Fitting, M20 threaded pole mount

[1] Response curves & data : Anechoic Far Field for the full-range speakers, and Half-Space Anechoic radiation for the sub-bass speakers.

[2] Sensitivity & Peak SPL data: Measured with band limited pink noise (6dB crest factor).

[3] Acoustical crossover frequency - at this frequency, the transducers produce equal sound pressure levels.