



VANTEC SERIES

www.dasaudio.com



SOUND WITH SOUL

At the vanguard of technology!

Portable Sound Reinforcement

The Vantec series comprises a range of portable systems available in both powered and passive configurations. The Vantec series is easy to transport and set up, making it an ideal solution for musicians, mobile DJ's, light-weight PA systems, or even installed in public venues such as schools or clubs. Designed to the same demanding standards as our professional touring systems, the Vantec series is built for a lifetime of trusted performance.



RIGGING



AVAILABLE
IN WHITE



BIRCH CABINET



DASlink™



DAScontrol



UNIVERSAL
POWER SUPPLY



LCD SCREEN



DRIVERS



DURABLE
FINISH



SPEAKERS





The important thing is on the inside...

Loudspeakers with the best performance

The Vantec series is equipped with loudspeakers developed by DAS to provide exceptional performance and reliability. The M-28 compression driver features a FEM (Finite Element Modeling) optimized motor, phase-plug and diaphragm. Attached to the DAS designed CD-horn, the assembly provides brilliant high frequency reproduction and optimum control of dispersion with 90° x 50° coverage angles.

Electronics

The Vantec series incorporates efficient Class D amplifiers providing up to 4000 W_{peak} power. Powerful Digital Signal Processing (DSP) with Finite Impulse Response (FIR) filters permits unparalleled control over critical signal parameters. A rotary-knob interface and LCD screen on the rear of the cabinet allows users to select configurations from a wide range of voicing, filter and EQ modes, and gain control. The system's performance can be "tailored" to meet the specific requirements of the application or to the user's personal tastes. The Vantec series offers wireless technology which allows users to stream music from mobile devices.





And also outside

Birch Plywood cabinet

Cabinet construction is consistent with the DAS pro systems standards, using Birch plywood, a robust build and the durable ISO-flex coating for years of service. Both the 12" and the 15" two-way systems have dual angle pole mount sockets (0°, 10°) as well as angled side panels allowing the systems to double as stage monitors. Rigging points, ergonomic handles with rubber inserts and a rugged front grille provide for a wide range of uses in both portable applications as well as fixed installations.

LCD Screen

A rotary-knob interface and LCD screen on the rear of the cabinet offers users a wide range of configuration options. Bar meters are available for both channels of input or output. The Vantec full-range systems offer 5 preset options. Live, Dance, Vocals, Bboost, and Monitor.

12A



- Powered multi-purpose system
- 1500 W peak Class D Bi-amp with 2-channel mixer
- 1 X 12F4 DAS loudspeaker
- 1 x M-28 compression driver
- DAScontrol™ interface w/ LCD and Encoder
- HD wireless stereo streaming with DASlink™
- Dual angle pole mount 0°/10°
- Monitor Angle and Rigging Points
- Passive version is the Vantec 12

15A



- Powered multi-purpose system
- 1500 W peak Class D Bi-amp with 2-channel mixer
- 1x15FV4 DAS loudspeaker
- 1 x M-28 compression driver
- DAScontrol™ interface w/ LCD and Encoder
- HD wireless stereo streaming with DASlink™
- Dual angle pole mount 0°/10°
- Monitor Angle and Rigging Points
- Passive version is the Vantec 15

Versatile: use it as a stage monitor

High quality housing made
from Birch plywood and
equipped with ISOflex paint



M10 Rigging-Points

VANTEC-12A / 15A

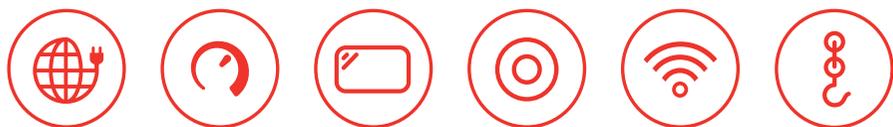
Dual pole mount 0° / -10°

215A



- Powered full-range system
- 2250 W peak, Class D Tri-amp with 2-channel mixer
- 2x15FV4 DAS loudspeaker
- 1 x M-28 compression driver
- DAScontrol™ interface w/ LCD and Encoder
- HD wireless stereo streaming with DASlink™
- Rigging points
- Passive version is the Vantec 215

20A



- Active curved source line array
- 1500 W peak Class D Bi-amp with 2-channel mixer
- FIR filters for linear phase response
- 1 x DAS 12F4C + 2 x M-60 compression drivers
- Integrated rigging & Raincover included
- DAScontrol™ interface w/ LCD and Encoder
- HD wireless stereo streaming with DASlink™
- +/- 13.5° variable tilt pole mount
- * Available in white colour under request



118A



- Active front-loaded subwoofer system
- 1 x 18" DAS 18FW loudspeaker
- 2000 W peak Class D amp with dual XLR inputs
- Digital signal processing (DSP)
- Unique "Deep-Loud" bass EQ switch
- Variable 80 Hz-125 Hz low-pass filter
- LED ON/OFF switch
- Integrated rigging & Raincover included
- * Available in white colour under request

18A



Powered compact subwoofer system
2000 W peak Class D amp with dual XLR inputs
1x18LX loudspeaker
Deep-Loud EQ selector
Satellite X-over HPF / Thru switch
Variable 80 -125 Hz low-pass filter
Gain control and polarity switch (0°-180°)
Passive version is the Vantec 18



218A



- Powered compact subwoofer system
- 4000 W peak, Class D amp with dual XLR inputs
- 2x18LX loudspeaker
- Deep-Loud EQ selector
- Satellite X-over HPF / Thru switch
- Variable 80 - 125 Hz low-pass filter
- Gain control and polarity switch (0°-180°)
- Passive version is the Vantec 218





All-in-one smart device APP

DASlink™ is an all-in-one smart device APP equipped with wireless connectivity and is currently available for wireless equipped Altea powered systems. With DASlink™ you can monitor and control numerous system functions and stream high-definition stereo audio wirelessly to Altea 700 and Vantec powered systems. DSP parameters, which include gain, three band EQ, HPF, delay, and presets can be easily controlled with DASlink™.



1 Connect your mobile device to Altea systems via DASlink™ and stream music in high definition stereo while controlling numerous system functions remotely.



2 The three band EQ, high pass filters and delay are a few of the numerous functions that can be controlled via DASlink™.



3 Input and output levels can be monitored using the DASlink™ APP. Super fast set-ups can be done using the presets option. Presets include Live, Dance, Vocals, Bass Boost and Monitor.



DA.Slink™



Functions:

- High definition streaming of music in stereo
- Master gain control
- Input and output gain monitoring
- High-pass filter selection for use with subs
- Presets selection
- 3-band EQ adjustment with sliders
- Configure slave units
- Configure system delay in meters or feet
- Standby mode on/off
- LCD screen dimming, logo on/off



DASlink™

GROUP MANAGER



DASlink Group Manager is an application for mobile devices that makes configuring, managing and monitoring self-powered systems from the Altea 700 and Vantec series possible.

With DASlink^{GM}, up to 16 systems of the same model can be grouped together and organized by area or needs and preset either individually or as a group.

With DASlink^{GM}, get the best professional sound, wherever you are.



DASlink™ GROUP MANAGER



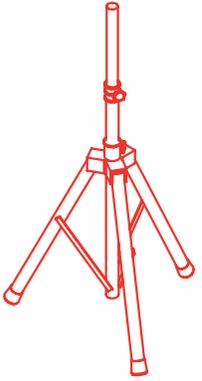
The **Control panel** section is used to simultaneously manage all the systems included in each group and can modify the gain, select presets, perform a customized 3-band equalization, select the number of units and even select the HPF when using subwoofers.

The **View panel** provides individual access to each of the systems in the group in order to modify the gain and select between three types of throw: short, medium and long. The order of the systems can also be changed from this tab, a feature that becomes particularly relevant when working with line array configurations

The system can be monitored by going to the View tab and selecting any of the systems to see the VU meters of each system in real time. The “Limit” feature can also be activated for the different groups using the app; if any system reaches its limit, the logo of each cabinet will flash.

DASlink^{GM} enhances sound system performance and ensures they are handled correctly. It identifies each system by lighting up the cabinet’s logo and can be used to wirelessly, immediately and simultaneously equalize the space from the audience area.

Accessories:



TRD-2



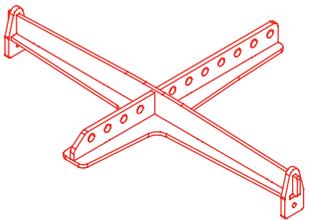
TRD-6



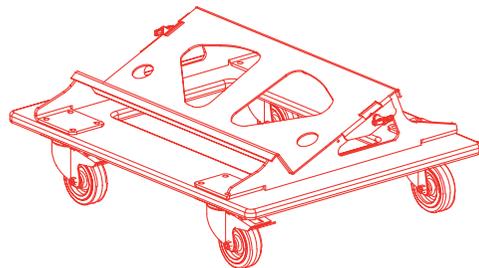
TRD-7



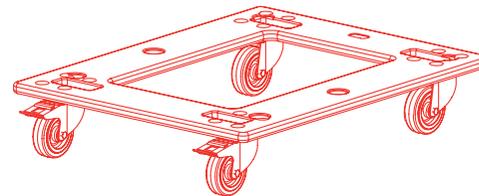
ANL-2



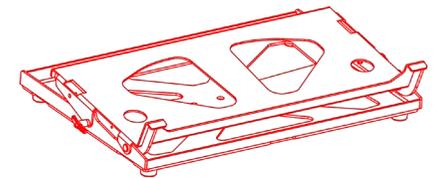
AX-VT20



PL-VT20S

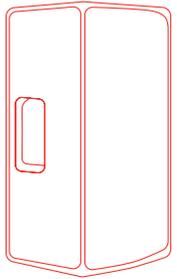


PL-VT118S

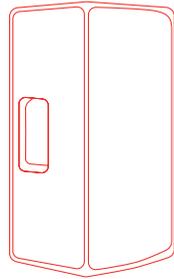


AXS-VT20

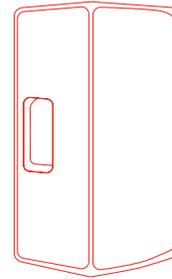
Covers:



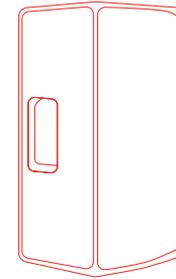
FUN-ACT8



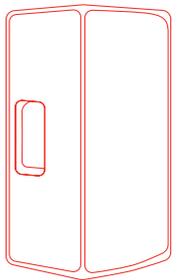
FUN-VT12



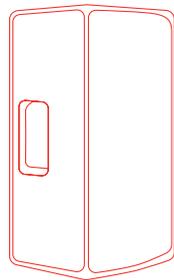
FUN-VT15



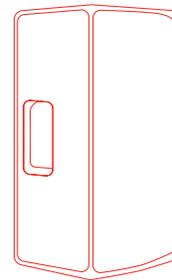
FUN-VT215



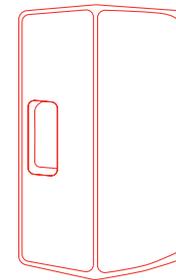
FUN-ACTM12



FUN-ACT218



FUN-VT18



FUN-ACT118

Powered

Model	VANTEC-12A	VANTEC-15A	VANTEC-215A	VANTEC-20A
Nominal Amplifier Power	1500 Wpeak 750 Wcontinuous Class D, Bi-amplified	1500 Wpeak 750 Wcontinuous Class D, Bi-amplified	2250 Wpeak 1125 Wcontinuous Class D, Bi-amplified	1500 Wpeak 750 Wcontinuous Class D, Bi-amplified
Input Type	Balanced	Balanced	Balanced	Balanced
Input Impedance	Line 20 kohms	Line 20 kohms	Line 20 kohms	Line 20 kohms
Sensitivity	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)
Frequency Range (-10 dB)	60 Hz - 20 kHz	45 Hz - 20 kHz	40 Hz - 20 kHz	63 Hz - 20 kHz
HF Horn Coverage Angles (-6 dB)	90° x 50°	90° x 50°	90° x 50°	90° x 15°
Rated Maximum Peak SPL at 1 m	135 dB	135 dB	138 dB	135 dB
Transducers/ Replacement Parts	LF: 12F4/GM-12FV HF: M-28/M-28	LF: 15FV4/GM-15FV4 HF: M-28/M-28	LF: 2 X 15FV4/GM15FV4 HF: M-28/M-28	LF: 12F4C/GM-12F4 HF: 2 X M-60/GM-60
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging System	M10 Rigging Points	M10 Rigging Points	M10 Rigging Points	Integrated in box design
Connectors	INPUT: Female XLR AUX INPUT: 1/8" (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR AUX INPUT: 1/8" (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR AUX INPUT: 1/8" (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: powerCON	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: powerCON AC OUTPUT: powerCON
AC Power Requirements	115 V, 2.4 A, 50 Hz/60 Hz 230 V, 1.2 A, 50 Hz/60 Hz	115 V, 3.0 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz	115 V, 3.0 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz	115 V, 3.0 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz
Dimensions (H x W x D)	620 x 380 x 380 mm 24.4 x 15 x 15 in	720 x 380 x 380 mm 28.3 x 15 x 15 in	1090 x 445 x 505 mm 42.9 x 17.5 x 19.9 in	335 x 625 x 440 mm 13.2 x 24.6 x 17.3 in
Weight	21.5 kg (47.4 lb)	25.5 kg (56.1 lb)	43.5 kg (95.9 lb)	28.6 kg (62.9 lb)
Accessories	ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount TRD-7 Adjustable Pole Mount FUN-VT12 Cover	ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount TRD-7 Adjustable Pole Mount FUN-VT15 Cover	ANL-2 Eye Bolt FUN-VT215 Cover	AX-VT20 Rigging System PL-VT20S Stacking Dolly FUN-3-VT20 Cover ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount TRD-7 Adjustable Pole Mount

Powered

Model	VANTEC-18A	VANTEC-118A	VANTEC-218A
Nominal Amplifier Power	2000 Wpeak 1000 Wcontinuous Class D, Biampified	2000 Wpeak 1000 Wcontinuous Class D, Biampified	4000 Wpeak 2000 Wcontinuous Class D, Biampified
Input Type	Balanced	Balanced	Balanced
Input Impedance	Line 20 kohms	Line 20 kohms	Line 20 kohms
Sensitivity	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)	Line: 3 V (+12 dBu)
Frequency Range (-10 dB)	Loud: 35 Hz - 125 Hz Deep: 30 Hz - 125 Hz	35 Hz - 125 Hz	Loud: 35 Hz - 125 Hz Deep: 30 Hz - 125 Hz
Rated Maximum Peak SPL at 1 m	134 dB	134 dB	140 dB
Transducers/ Replacement Parts	18LX/GM-18LX	2 x 18FW/GM-18FW	2 x 18LX/GM-18LX
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Rigging System	-	Integrated in box design	-
Connectors	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: powerCON AC OUTPUT: powerCON	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: powerCON AC OUTPUT: powerCON	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: powerCON AC OUTPUT: powerCON
AC Power Requirements	115 V, 3 A, 50 Hz/60 Hz 230 V, 1.5 A, 50 Hz/60 Hz	115 V, 4.4 A, 50 Hz/60 Hz 230 V, 2.2 A, 50 Hz/60 Hz	115 V, 6 A, 50 Hz/60 Hz 230 V, 3 A, 50 Hz/60 Hz
Dimensions (H x W x D)	720 x 545 x 655 mm 28.3 x 21.5 x 25.8 in	490 x 615 x 785 mm 19.3 x 24.2 x 30.9 in	1070 x 540 x 670 mm 42.1 x 22.5 x 26.6 in
Weight	40.5 kg (89.2 lb)	44 kg (97 lb)	72 kg (158.4 lb)
Accessories	ANL-2 Eye Bolt FUN-VT18 Cover TRD-7 Adjustable Pole Mount	FUN-2-VT118 Cover PL-VT118S Stacking Dolly TRD-6 Pole Mount TRD-7 Adjustable Pole Mount	ANL-2 Eye Bolt TRD-6 Pole Mount TRD-7 Adjustable Pole Mount

Externally Powered

Model	VANTEC-12	VANTEC-15	VANTEC-215	VANTEC-18	VANTEC-218
Peak Power Handling	2000 W	2000 W	4000 W	4000 W	8000 W
RMS (Average) Power Handling	500 W	500 W	1000 W	1000 W	2000 W
Frequency Range (-10 dB)	65 Hz - 20 kHz	60 Hz - 20 kHz	55 Hz - 20 kHz	45 Hz - 138 Hz	30 Hz - 125 Hz
Nominal Impedance	8 ohms	8 ohms	4 ohms	8 ohms	4 ohms
On-axis Sensitivity 1 W/1 m	98 dB SPL	99 dB SPL	102 dB SPL	98 dB SPL	101 dB SPL
Maximum Peak SPL at 1 m	135 dB	135 dB	138 dB	134 dB	140 dB
HF Horn Coverage Angles (-6 dB)	90° x 50°	90° x 50°	90° x 50°	-	-
Enclosure Material	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood	Birch Plywood
Color/Finish	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint	Black/ISO-flex Paint
Transducers/ Replacement Parts	LF: 12F/GM-12F HF: M-28/M-28	LF: 15FV/GM-15F HF: M-28/M-28	LF: 2 X 15FV/GM-15F HF: M-28/M-28	18LX/GM-18LX	2 x 18LX/GM-18LX
Connectors	2 x NL4 SpeakON	2 x NL4 SpeakON	2 x NL4 SpeakON	2 x NL4 speakON	2 x NL4 speakON
Dimensions (H x W x D)	620 x 380 x 380 mm 24.4 x 15 x 15 in	720 x 380 x 380 mm 28.3 x 15 x 15 in	1090 x 445 x 505 mm 42.9 x 17.5 x 19.9 in	720 x 545 x 655 mm 28.3 x 21.5 x 25.8 in	1070 x 545 x 675 mm 42.1 x 21.5 x 26.6 in
Weight	20.5 kg (45.2 lb)	23.5 kg (51.8 lb)	40 kg (88 lb)	35 kg (77.2 lb)	70 kg (154 lb)
Accessories	ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount TRD-7 Adjustable Pole Mount FUN-VT12 Cover	ANL-2 Eye Bolt TRD-2 Speaker Stand TRD-6 Pole Mount TRD-7 Adjustable Pole Mount FUN-VT15 Cover	ANL-2 Eye Bolt FUN-VT215 Cover	ANL-2 Eye Bolt FUN-VT18 Cover TRD-6 Pole Mount TRD-7 Adjustable Pole Mount	ANL-2 Eye Bolt FUN-VT218 Cover TRD-6 Pole Mount TRD-7 Adjustable Pole Mount





SOUND WITH SOUL

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