



INSTALLATION AND OPERATION MANUAL

XDS SERIES

FULL RANGE PASSIVE LOUDSPEAKERS	XDS8
	XDS10
	XDS12
SUBWOOFERS	XDS115
	XDS212

IMPORTANT SAFETY INFORMATION

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Only use attachments/accessories specified by the manufacturer.
10. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
12. This appliance shall not be exposed to dripping or splashing water and that no object filled with liquid such as vases shall be placed on the apparatus.
13. The mains plug is used as the disconnect device and shall remain readily accessible. If the mains plug is not readily accessible due to mounting in a 19" rack, then the mains plug for the entire rack must be readily accessible.
14. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

PRÉCAUTIONS DURANT UTILISATION

1. LISEZ ces instructions.
2. Tenez ces instructions.
3. Notez tous les avertissements.
4. Suivez toutes les avertissements.
5. N'utilisez pas ce produit près de l'eau (la piscine, la plage, le lac, etc.).
6. Nettoyez seulement avec une étoffe sèche.
7. Ne bloquez aucuns trous de ventilation. Installez en accord avec les instructions du fabricant.
8. N'installez près aucunes sources de chaleur comme radiateurs, registres de chaleur, fours ou les autres équipements (y compris amplificateurs) qui produisent la chaleur.
9. Seulement utilisez attachements/accessoires spécifiés par le fabricant.
10. Utilisez seulement avec un chariot, un stand, un trépied, un support ou une table indiquée par le fabricant, ou vendue avec l'appareil. Quand un chariot est utilisé, faites attention en déplaçant la combinaison d'appareil/chariot pour éviter de se déséquilibrer.
11. Référez au personnel qualifié de service pour toutes réparations. La réparation est donnée quand le système a été endommagé à n'importe façon, par exemple un fil ou une fiche endommagé(e) de la source d'alimentation. Avoir été exposé à pluie ou humidité, n'opère pas normalement, ou avoir été tombé.
12. L'appareil ne doit pas être exposé aux écoulements ou aux éclaboussures et aucun objet ne contenant de liquide, tel qu'un vase, ne doit être placé sur l'objet.
13. La prise du secteur ne doit pas être obstruée ou doit être facilement accessible pendant son utilisation. Pour être complètement déconnecté de l'alimentation d'entrée, la prise doit être débranchée du secteur.
14. **AVERTISSEMENT:** Pour éviter le risque d'incendie ou de chocs électriques, ne pas exposer cet appareil à la pluie ou à l'humidité.



XDS SERIES

The XDS range of speakers includes 8", 10" and 12" models all with high quality compression drivers and two subwoofer models with a single 15" or dual 12".

The XDS range of speakers is perfect for driveway or corporate hire as well as live sound installations. With features including multi angle enclosure design so speakers can be used for front of house or foldback applications, terminal strip or four pole connectors, pole mount, fly points plus a variety of bracket options and a contemporary styling, the XDS range of speakers and subs offer the contractor an extremely high quality speaker system with common voicing across the range at an amazing price point.

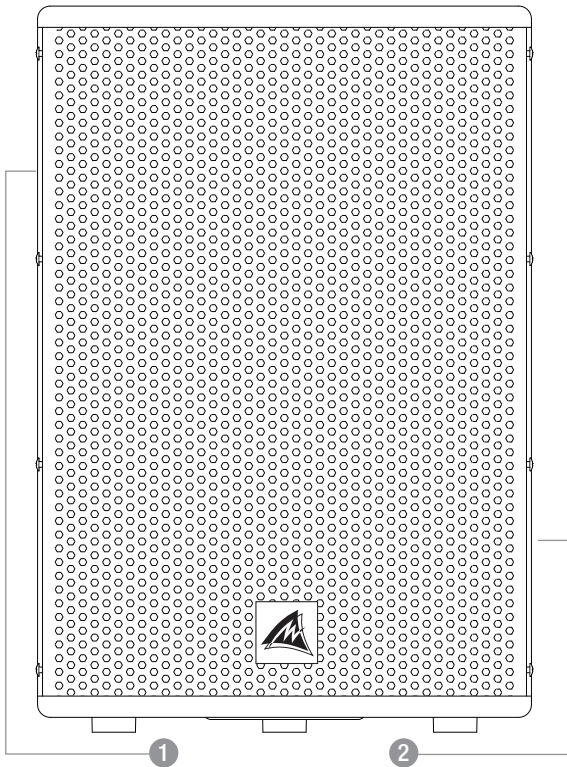
INTRODUCTION	3
FRONT PANEL	4
REAR PANEL	5
MOUNTING	6
ACCESSORIES	8
DIMENSIONS	9
SPECIFICATIONS	11

Revision 1.0 June 2012

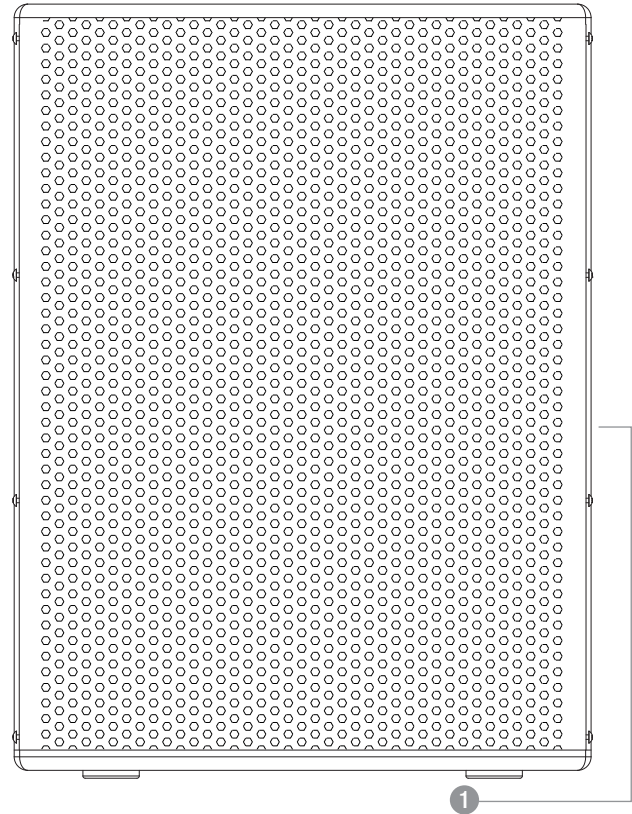


FRONT PANEL

XDS10 shown here



XDS212 shown here



Full range enclosures

1 High Frequency Driver

A single horn loaded compression driver.

XDS8	1 x 1.35". Flare: 100° x 100° non-rotatable
XDS10	1 x 1.35". Flare: 50-100° x 50° rotatable
XDS12	1.7". Flare: 80° x 50° rotatable

2 Low Frequency Driver

Driver sizes:

XDS8	1 x 8"
XDS10	1 x 10"
XDS12	1 x 12"

Subwoofers

Two passive subwoofers are available in the XDS range, a ported/front loaded single 15" subwoofer and a dual 12" bandpass subwoofer.

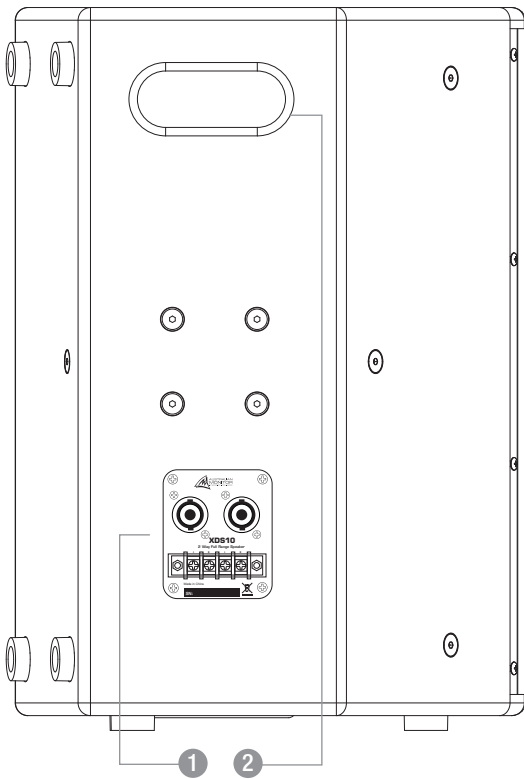
1 Low Frequency Driver

Driver sizes:

XDS115	1 x 15"
XDS212	2 x 12"



XDS10 shown here



1 Speaker Input

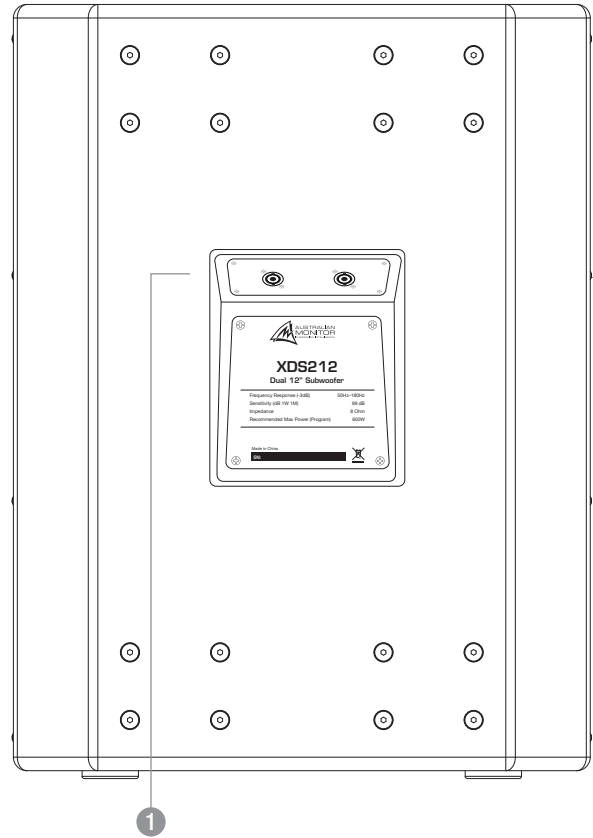
Speaker inputs are via a pair of 4pole twist lock connectors (Neutrik speakON or compatible) wired in parallel.

The twist lock connectors are wired using pins 1+ and 1- only, with both connectors wired in parallel. Either connector may be used as the input with the other used as a loop through connector.

2 Handle

A single recessed carry handle.

XDS212 shown here



1 Speaker Input

Speaker inputs are via a pair of 4pole twist lock connectors (Neutrik speakON or compatible) wired in parallel.

The twist lock connectors are wired using pins 1+ and 1- only, with both connectors wired in parallel. Either connector may be used as the input with the other used as a loop through connector.



MOUNTING

Wall Mount Brackets

A number of wall mount options are available for the XDS speaker range. The wall mount U brackets permit speaker mounting in either horizontal or vertical orientation. The brackets are supplied with enclosure mounting plates to replace the standard pole mount and blank plate fitted to the speakers as standard.

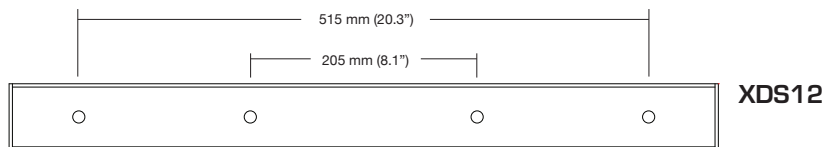
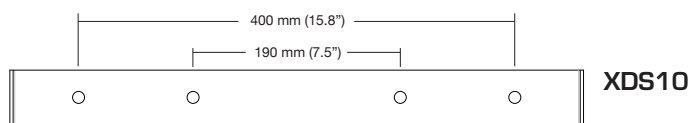
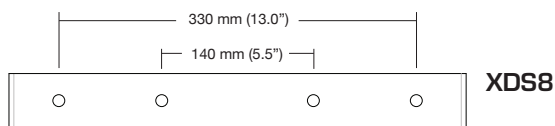
The XDSWMB wall mount bracket permits vertical installation with a wide range of angular adjustment in the horizontal and vertical axis.

Subwoofers

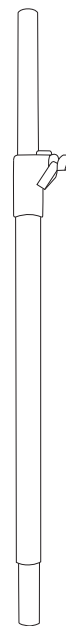
The XDS series Subwoofers are designed to be free standing for floor mounted installation.

Both models are supplied with a top mounted 35 mm pole mount boot to suit satellite mounting via the ATC310 pole mount.

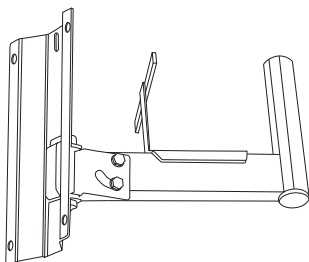
U brackets



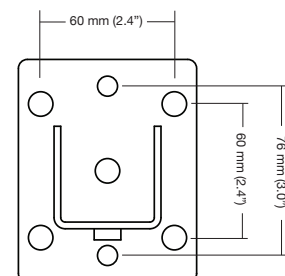
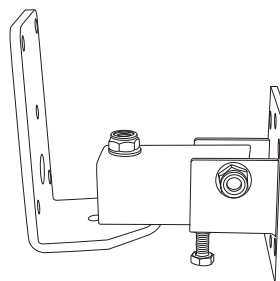
ATC310 pole mount



AMIS LSB1 wall bracket



XDSWMB wall mount bracket





When mounting via a bracket or eyebolts the following must be considered.

The mounting of a permanently installed speaker may be dangerous unless undertaken by a qualified professional with the required experience.

Walls and mounting surfaces must be capable of supporting the speaker and bracketry in a safe and secure manner.

All fixings must be safely attached to the speaker cabinet and the mounting surface. All fixings must be fitted in accordance with the manufacturers instructions and specifications.

Suspending with Eyebolts

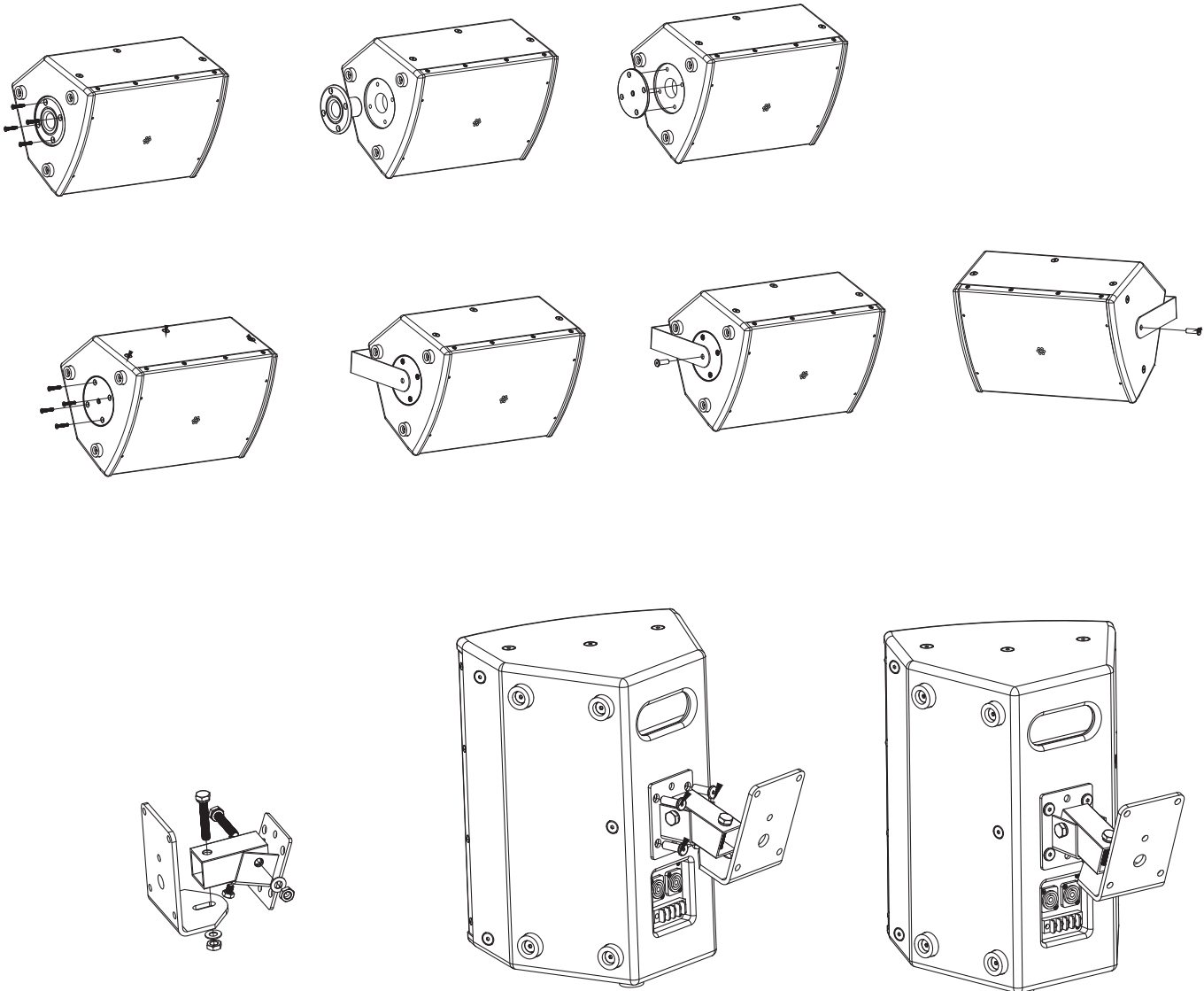
The XDS range of speakers provide a number of secured mounting points for use with M10 eye bolts.

When suspending an XDS8, XDS10 or XDS12 loudspeaker, the two mounting points towards the front of the cabinet should be used, with the 3rd point used to angle the enclosure as needed.

All XDS eyebolt fittings are M10.

M10 Eyebolts with a minimum of 20 mm usable thread must be used.

XDS212 shown here





ACCESSORIES

XDS8

PART	DESCRIPTION
XDS8UB	U bracket for XDS8
XDSWMB	Wall mounting bracket for XDS8/10/12
AMISLSB1	Wall mount bracket
ATC303	Tripod speaker stand
ATC304	Heavy duty tripod speaker stand
ATC305	Winch up speaker stand

XDS10

PART	DESCRIPTION
XDS10UB	U bracket for XDS10
XDSWMB	Wall mounting bracket for XDS8/10/12
AMISLSB1	Wall mount bracket
ATC303	Tripod speaker stand
ATC304	Heavy duty tripod speaker stand
ATC305	Winch up speaker stand

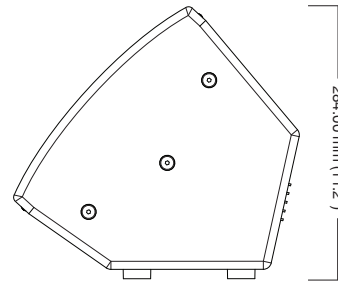
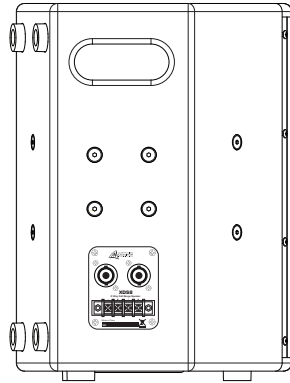
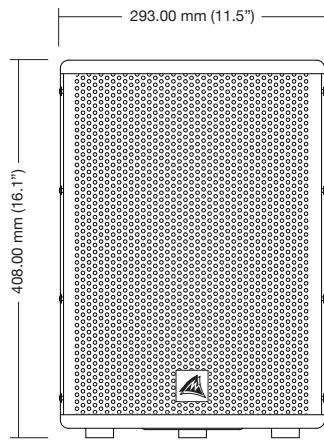
XDS12

PART	DESCRIPTION
XDS12UB	U bracket for XDS12
XDSWMB	Wall mounting bracket for XDS8/10/12
AMISLSB1	Wall mount bracket
ATC303	Tripod speaker stand
ATC304	Heavy duty tripod speaker stand
ATC305	Winch up speaker stand

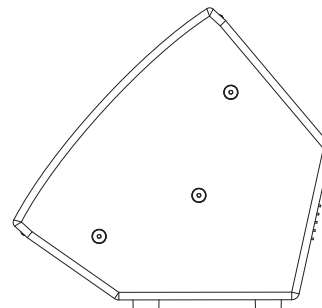
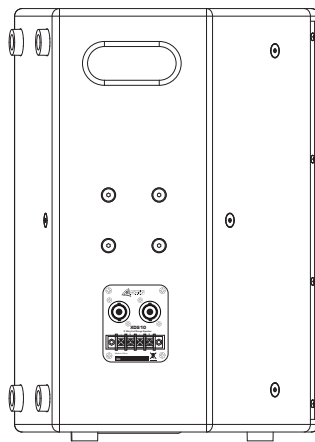
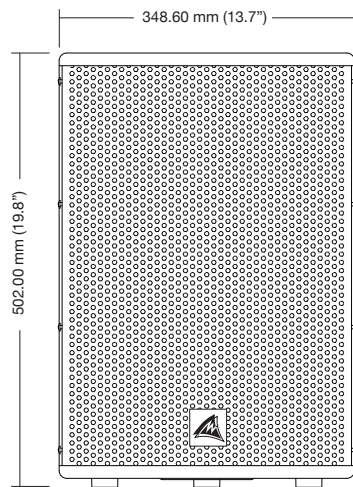
XDS115/XDS212

PART	DESCRIPTION
RNRWHL	Wheel kit for XDS115/212

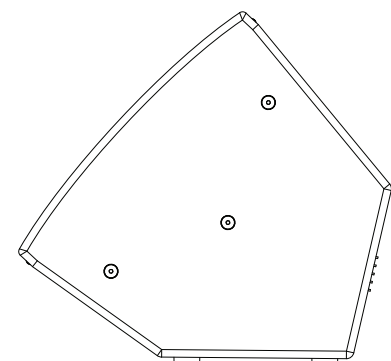
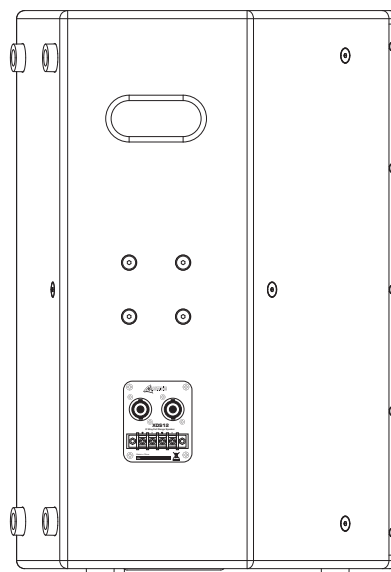
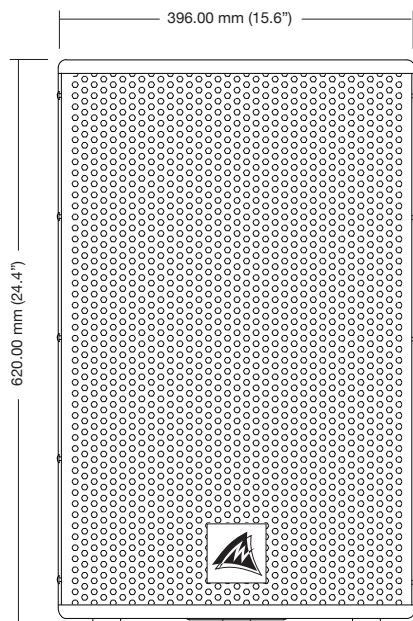
DIMENSIONS



XDS8



XDS10

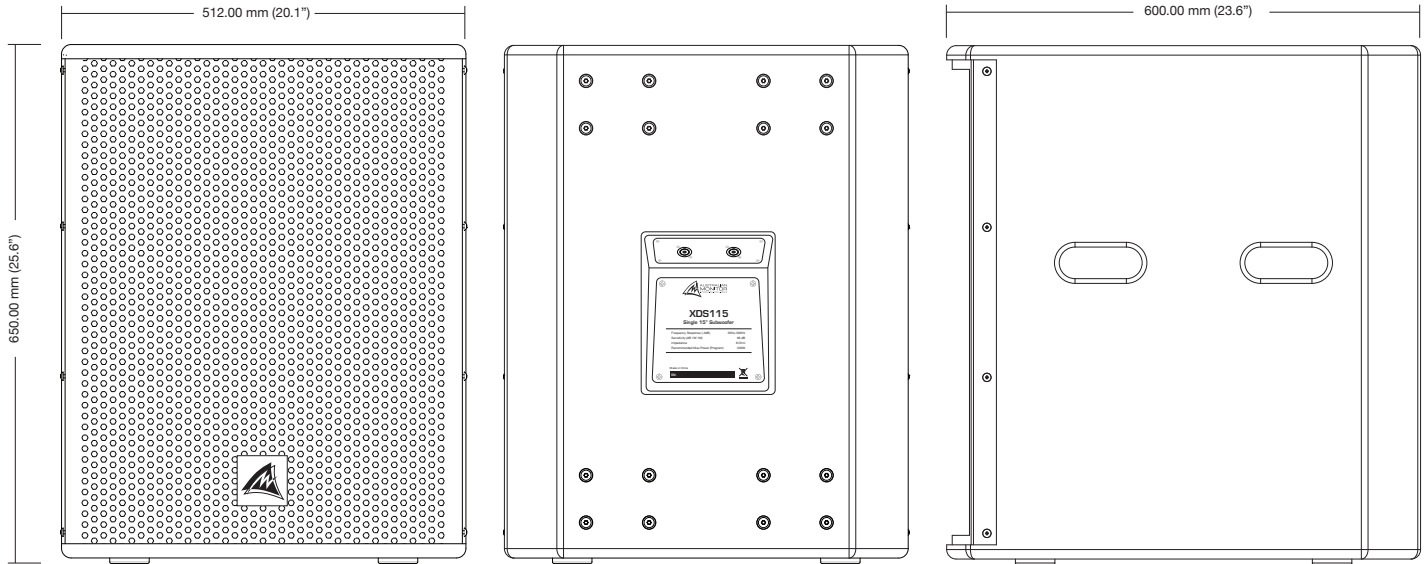


XDS12

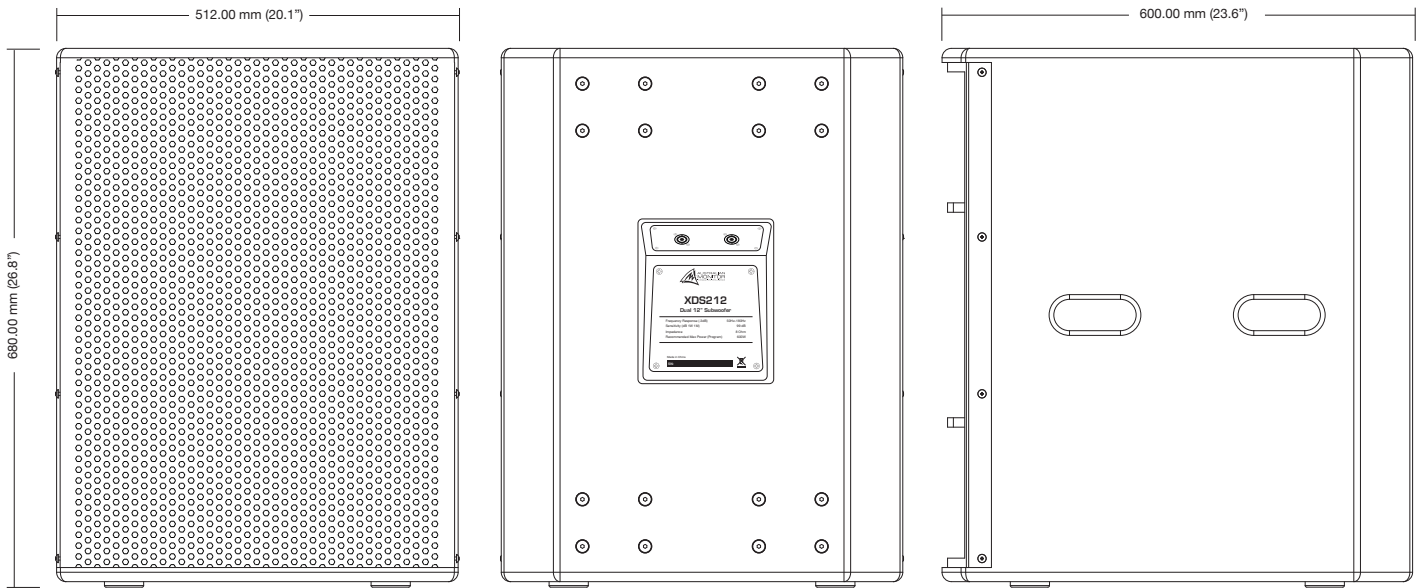


DIMENSIONS

XDS115



XDS212



SPECIFICATIONS



	XDS8	XDS10	XDS12
Impedance (Nominal)	8 Ohms	8 Ohms	8 Ohms
Power (Continuous)	100 Watts	250 Watts	300 Watts
Sensitivity (1 W / 1 M)	92 dB	94 dB	96 dB
Calculated Max SPL	112 dB	118 dB	121 dB
Dispersion (-6 dB Points) (H x V)	100° x 100° non-rotatable	50-100° x 50° rotatable	80° x 50° rotatable
Frequency Response (-3dB)	80 Hz - 20 kHz	55 Hz - 20 kHz	50 Hz - 18 kHz
Frequency Response (-10dB)	70 Hz - 20 kHz	50 Hz - 20 kHz	45 Hz - 20 kHz
Connection	4 pole twist lock connectors (x2) screw terminal strip (x2)	4 pole twist lock connectors (x2) screw terminal strip (x2)	4 pole twist lock connectors (x2) screw terminal strip (x2)
Components	1 x 8" Woofer, 1 x 1.35" HF Driver	1 x 10" Woofer, 1 x 1.35" HF Driver	1 x 12" Woofer, 1 x 1.7" HF Driver
Net Dimensions (w x d x h)	293 mm x 284 mm x 408 mm (11.5" x 11.2" x 16.1")	348.6 mm x 328 mm x 502 mm (13.7" x 12.9" x 19.8")	396 mm x 396.4 mm x 620 mm (15.6" x 15.6" x 24.4")
Shipping Dimensions (w x d x h)	350mm x 350 mm x 470 mm (13.8" x 13.8" x 18.5")	430 mm x 410 mm x 605 mm (16.9" x 16.1" x 23.8")	480 mm x 480 mm x 720 mm (18.9" x 18.9" x 28.3")
Net Weight	10 kg 22.0 (lbs)	16.5 kg 36.3 (lbs)	20 kg 44.0 (lbs)
Shipping Weight	11.5 kg 25.3 (lbs)	18.5 kg 40.7 (lbs)	23 kg 50.6 (lbs)

	XDS115	XDS212
Impedance (Nominal)	8 Ohms	8 Ohms
Power (Continuous)	300 Watts	600 Watts
Sensitivity (1W / 1M)	96 dB	99 dB
Calculated Max SPL	121 dB	127 dB
Frequency Response (-3dB)	35 Hz - 500 Hz	50 Hz - 180 Hz
Frequency Response (-10dB)	30 Hz - 500 Hz	45 Hz - 180 Hz
Connection	4 pole twist lock connectors (x2)	4 pole twist lock connectors (x2)
Components	1 x 15" Woofer	2 x 12" Woofers
Net Dimensions (w x d x h)	512 mm x 600 mm x 650 mm (20.1" x 23.6" x 25.6")	512 mm x 600 mm x 680 mm (20.1" x 23.6" x 26.8")
Shipping Dimensions (w x d x h)	700 mm x 615 mm x 750 mm (27.6" x 24.2" x 29.5")	700 mm x 615 mm x 780 mm (27.6" x 24.2" x 30.7")
Net Weight	30 kg 66.0 (lbs)	40 kg 88.0 (lbs)
Shipping Weight	35 kg 77.0 (lbs)	45 kg 99.0 (lbs)



ENGINEERED BY AUSTRALIAN MONITOR

Address: 1 Clyde Street, Silverwater, Sydney NSW 2128 Australia. Private Bag 149, Silverwater NSW 1811 ACN 007 573 417

Website: www.australianmonitor.com.au International enquiries email: international@australianmonitor.com.au



DISTRIBUTED IN AUSTRALIA AND NEW ZEALAND BY HILLS SVL www.hillssvl.com.au

NSW	QLD	ACT	WA	VIC	SA	NZ
P: 02 9647 1411	P: 07 3852 1312	P: 02 6260 4544	P: 08 9204 0200	P: 03 9890 7477	P: 08 8408 8300	P: 09 415 9426
E: nsw@hillssvl.com.au	E: qld@hillssvl.com.au	E: act@hillssvl.com.au	E: wa@hillssvl.com.au	E: vic@hillssvl.com.au	E: sa@hillssvl.com.au	E: sales@hillssvl.co.nz