

Atacama & Apollo Speaker Stand Technical, Specification & Atabite mass Loading Filler information

HOW TO SELECT THE CORRECT SPEAKER STANDS

FOR YOUR SPEAKERS.

In order to identify which stands would best match your speakers, you will need the following information.

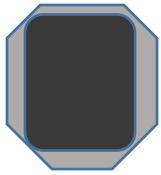
1. Overall weight of the speaker the stands will be supporting.
2. Depth of the cabinet (excluding the grill cover and speaker cable binding posts).
3. Width of the cabinet. **(The width/ depth dimensions will be referred to below as the speaker "footprint")**
4. Overall Height of the speaker along with the height of the tweeter from the bottom of the speaker cabinet.

Selecting the correct top plate.

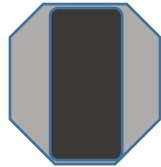
Most speakers will have a square or rectangular footprint, so as long as the speaker stand top plate dimensions are smaller than the footprint of the speaker AND a reasonable area of coverage is achieved (aim for a minimum of 75% of the speaker's base being covered with the speaker stand top plate) then you will be ok.

If the speaker cabinet is curved, teardrop or an unusual shape, you will need to measure the optimum area of coverage of the underneath of the speaker as the top plate of the speaker stand that you are going to use will be either rectangular or square. There can be multiple ways of achieving this.

For example, if the footprint of the speaker looks like this: -



or



then your choice of top plate dimensions needs to be within the outer boundaries.

So could look like this: -

if you are worried that the total contact area is marginal, replace the gel pads that are supplied with the speaker stands that form a protective barrier between the top plate and speaker cabinet with a little bonding putty, (Blutak or similar). Please note, if the speaker has feet, they must be included in the top plate measurements as they need to be supported.

Selecting the correct base plate/ base panel.

The footprint width and depth of the speaker should be smaller than the width and depth of the speaker stand base plate. If the speaker is 10-20mm over the base plate dimensions in any one direction, then you MUST add some mass loading filler (Atacama Atabites are designed for this) to the main vertical support tubes. Aim for 1/2 to 2/3rds full to give stability to the stands. DO NOT exceed these recommendations without checking with your hifi dealer first as you will risk the stands being unstable.

Selecting the correct height

Check with the speaker manufacturer for guidance on what is the optimum height that your specific speakers. If that information is not available, as a rule you need to have the tweeter at ear height when seated at your favourite listening position in the room. So, measure from the centre of the tweeter to the bottom of the cabinet, deduct this number from listening position measurement and what is left is the approximate height of the stands you should be aiming for.

SPEAKER DETAILS Make & Model

Weight:-

Depth:-

Width:-

Height:-

To Tweeter:-

SPEAKER STAND SERIES	STANDARD OR OPTION	TOP PLATE WIDTH	TOP PLATE DEPTH	BASE PLATE WIDTH	BASE PLATE DEPTH	WEIGHT CAPACITY (PER STAND)	HEIGHT OPTIONS EXCLUDING SPIKES AND GEL PADS (UNLESS STATED OTHERWISE)
APOLLO CYCLONE SERIES	STANDARD	150mm (5.9")	200mm (7.9")	240mm (9.4")	300mm (11.8")	*7.5KG (16.5lbs)	515mm (20.3"), 615mm (24.2"), 715mm (28.1")
	STANDARD	200mm (7.9")	150mm (5.9")	240mm (9.4")	300mm (11.8")	*7.5KG (16.5lbs)	
NEXXUS SERIES							
NEXXUS ESSENTIAL SPEC	STANDARD	130mm (5.2")	170mm (6.7")	260mm (10.2")	365mm (14.37")	15KG (33.06 lbs)	ALL NEXXUS VERSIONS INCLUDING FLOOR SPIKES, 220mm (8.66"), 320mm (12.59), 420mm (16.53") 520mm (20.47"), 620mm (24.4"), 720mm (28.34"), 1020mm (40.15")
NEXXUS HI-FI-ENTHUSIAST SPEC	STANDARD	130mm (5.2")	170mm (6.7")	260mm (10.2")	365mm (14.37")	22.5KG (49.06 lbs)	
NEXXUS PRO-STUDIO SPEC	STANDARD	130mm (5.2")	170mm (6.7")	260mm (10.2")	365mm (14.37")	30KG (66.12 lbs)	
TOP PLATE PACK	OPTIONAL	160mm (6.3")	220mm (8.7")				
TOP PLATE PACK	OPTIONAL	140mm (5.5")	210mm (8.3")				
TOP PLATE PACK	OPTIONAL	180mm (7.1")	150mm (5.9")	TOP PLATE PACK NOT SUITABLE FOR PRO-STUDIO SPEC			
TOP PLATE PACK	OPTIONAL	190mm (7.5")	305mm (12")				
MOSECO SERIES	STANDARD	130mm (5.2")	170mm (6.7")	240mm (9.4")	280mm (11")	*7.5KG (16.5lbs)	515mm (20.3"), 615mm (24.2"), 715mm (28.1"), 1015mm (40")
TOP PLATE PACK	OPTIONAL	160mm (6.3")	220mm (8.7")				
TOP PLATE PACK	OPTIONAL	140mm (5.5")	210mm (8.3")				
TOP PLATE PACK	OPTIONAL	180mm (7.1")	150mm (5.9")				
SLX SERIES	STANDARD	225mm (8.9")	225mm (8.9")	305mm (12")	305mm (12")	15KG (33lbs)	INCLUDING FLOOR SPIKES & GEL PADS-235mm (9.25"), 335mm (13.19"), 435mm (17.12"), 535mm (21.06"), 635mm (25"), 735mm (28.9"), 1035mm (40.7")
HMS SERIES							
HMS2X SET UP 1	STANDARD	200mm (7.9")	225mm (8.9")	305mm (12")	305mm (12")	42KG (92.6lbs)	607mm (23.9")
HMS2X SET UP 2	STANDARD	225mm (8.9")	200mm (7.8")	305mm (12")	305mm (12")	42KG (92.6lbs)	607mm (23.9")
MOSECO XL SERIES	STANDARD	200mm (7.9")	275mm (10.9")	275mm (10.9")	350mm (13.8")	20KG (44lbs)	520mm (20.47"), 620mm (24.4")
MOSECO CC SERIES							
CC01	STANDARD	400mm (15.7")	180mm (7.1")	600mm (23.6")	292mm (11.5")	25KG (55lbs)	215mm (8.5"), 315mm (12.4"), 415mm (16.3"), 515mm (20.3"), 615mm (24.2")
CC02	STANDARD	475mm (18.7")	210mm (8.3")	600mm (23.6")	292mm (11.5")	25KG (55lbs)	
CC03	STANDARD	550mm (21.7")	250mm (9.8")	600mm (23.6")	292mm (11.5")	25KG (55lbs)	
AUDITION SERIES							
AUDITION SET UP 1	STANDARD	360mm (14.2")	225mm (8.9")	400mm (15.7")	305mm (12")	20KG (44lbs)	INCLUDING FLOOR SPIKES & GEL PADS- 335mm (13.19"), 435mm (17.12"), 535mm (21.06"), 635mm (25"), 735mm (28.9")
AUDITION SET UP 2	STANDARD	225mm (8.9")	360mm (14.2")	305mm (12")	400mm (15.7")	20KG (44lbs)	

ALL SERIES ARE SUPPLIED IN PAIRS WITH THE EXCEPTION OF MOSECO CC.

* CYCLONE AND MOSECO WEIGHT CAPACITIES CAN BE INCREASED 25% IF MAIN COLUMN IS 1/2 OR MORE MASS FILLED WITH ATABITES.

COLOUR OPTIONS	STANDARD	STANDARD	COST OPTION	COST OPTION	COST OPTION	NATURAL FINISHES ARE STANDARD, ALL OTHERS ARE COST OPTION WOOD BASE PLATE COLOUR CHOICE
	SATIN BLACK	SILK BLACK	GLAZIER WHITE	DIAMOND WHITE	GLOSS/SATIN BLACK	
APOLLO CYCLONE SERIES	NO	YES	YES	NO	NO	NATURAL OAK FINISH, DARK OAK FINISH
NEXXUS SERIES	YES	NO	NO	YES	NO	N/A
MOSECO SERIES	YES	NO	NO	YES	YES	NATURAL BAMBOO FINISH, DARK FINISH
SLX SERIES	YES	NO	NO	YES	NO	N/A
HMS SERIES*	YES	NO	NO	*SPECIAL COMMISSION	NO	N/A
MOSECO XL SERIES	YES	NO	NO	YES	NO	NATURAL BAMBOO FINISH, DARK FINISH
MOSECO CC SERIES	YES	NO	NO	YES	NO	NATURAL BAMBOO FINISH, DARK FINISH
AUDITION SERIES	YES	NO	NO	YES	NO	N/A

CABLE MANAGEMENT TWIN 50.8MM (2") TUBE PACKS - AVAILABLE SUMMER 2022- TO FIT ALL STANDARD SPEAKER STANDS WITH HEIGHT OPTIONS ABOVE 500mm (EXCLUDING MOSECO & PRO-STUDIO)

NOTE- BY FITTING THE CABLE MANAGEMENT TUBE PACK, THE OVERALL MASS LOADING FILLER CAPACITY FOR THE SPEAKER STANDS WILL BE REDUCED DUE TO THE NEW TUBES NEEDING TO REPLACE TWO EXISTING VERTICAL TUBES.

Maximum Atabite Capacity *(Per Pair)	ESSENTIAL	HIFI-AUDIO	PRO-STUDIO
NEXXUS 200	5.32kg	9.37kg	13.43kg
NEXXUS 300	8.18kg	14.43kg	20.69kg
NEXXUS 400	11.05kg	19.49kg	27.95kg
NEXXUS 500	13.92kg	24.56kg	35.21kg
NEXXUS 600	16.8kg	29.65kg	42.50kg
NEXXUS 700	19.67kg	34.70kg	49.73kg
NEXXUS 1000	28.28kg	49.89kg	71.51kg

CYCLONE 5	6.8kg
CYCLONE 6	8.4kg
CYCLONE 7	9.84kg
SLX 200	10.64kg
SLX & AUDITION 300	16.36kg
SLX & AUDITION 400	22.10kg
SLX & AUDITION 500	27.84kg
SLX & AUDITION 600	33.6kg
SLX & AUDITION 700	39.34kg
SLX & AUDITION 1000	56.56kg

MOSECO 5	6.8kg
MOSECO 6	8.4kg
MOSECO 7	9.84kg
MOSECO 10	14.14kg

HMS2X 600	85kg
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MOSECO XL 500	30.8kg
MOSECO XL 600	44.53kg

MOSECO CC 200	2.64kg
MOSECO CC 300	4.09kg
MOSECO CC 400	5.5kg
MOSECO CC 500	6.8kg
MOSECO CC 600	8.4kg

* MOSECO CC SERIES RATED AS A SINGLE STAND

APPROXIMATE MAXIMUM ATABITE CAPACITY FOR ATACAMA/ APOLLO SPEAKER STANDS (*PER PAIR)

To get the best possible performance from your speaker stands, it is recommended that #where possible, the main vertical columns are partially filled with a high-density inert filler.

By adding Atabites, you will reduce stand ringing and give a tune-able platform from which to set up you bookshelf speakers.

The amount of filler to use will depend on the speakers, cables, speaker positioning, hifi component match, room acoustics and what sonic characteristics the listener is looking for.

The more Atabites used, the more depth of bass, detail and defined sound stage should be heard.

However, overfilling can dull the stands causing detail and mid-range to soften, so experiment with the amount used to match the speaker stands to your specific requirements. As a rule, half to two thirds full gives the best results.

Featuring new zinc coated steel micro-discs, the Atabite SMD-Z 7HD inert filler has a range of particulate sizes giving consistent sonic performance. The Zinc coating adds mass, protects the filler from both oxidization and degradation while enhancing the visual aesthetics.

PLEASE NOTE- Atabites are supplied by weight, not volume. (7 kg tubs). Some settling of contents may occur in transit.

Atabite mass comparison to beach sand

Atabite SMD-HD Conversion

Amount: 1 litre (L) of volume

Equals: 4.18 kilograms (kg - kilo) in weight

Beach Sand Conversion

Amount: 1 litre (L) of volume

Equals: 1.53 kilograms (kg - kilo) in weight

Source:

<https://www.traditionaloven.com/building/beach-sand/convert-beach-sand-liter-to-kg-of-beach-sand.html>

*Moseco CC series sold and Atabite volume rated as a singles speaker stand.

#Moseco series cable management tube is non-fillable.