VOKON

Compact Active Array Speaker

VM-A5 Series Active Plastic Coaxial Sound System

Compact • Powerful • Flexible • DSP- Controlled

Compact Size

Big Power

Light Weight



The VM-A5 active plastic coaxial sound system is a compact and flexible combination system with high-power, light -weight, multi-functional and high SPL .

It's a new outstanding and cross-disciplinary product which embodies the great efforts of VOKON's engineers.

Moreover, this new design can satisfy system engineers' every conceivable possibility for sound applications on-site .

VOKON's independent research & innovation , exclusive private-customized quantitive injection mold , and unique DSP audio processing make copy or imitation nowhere to hide , since the copying cost is extremely unbearable.

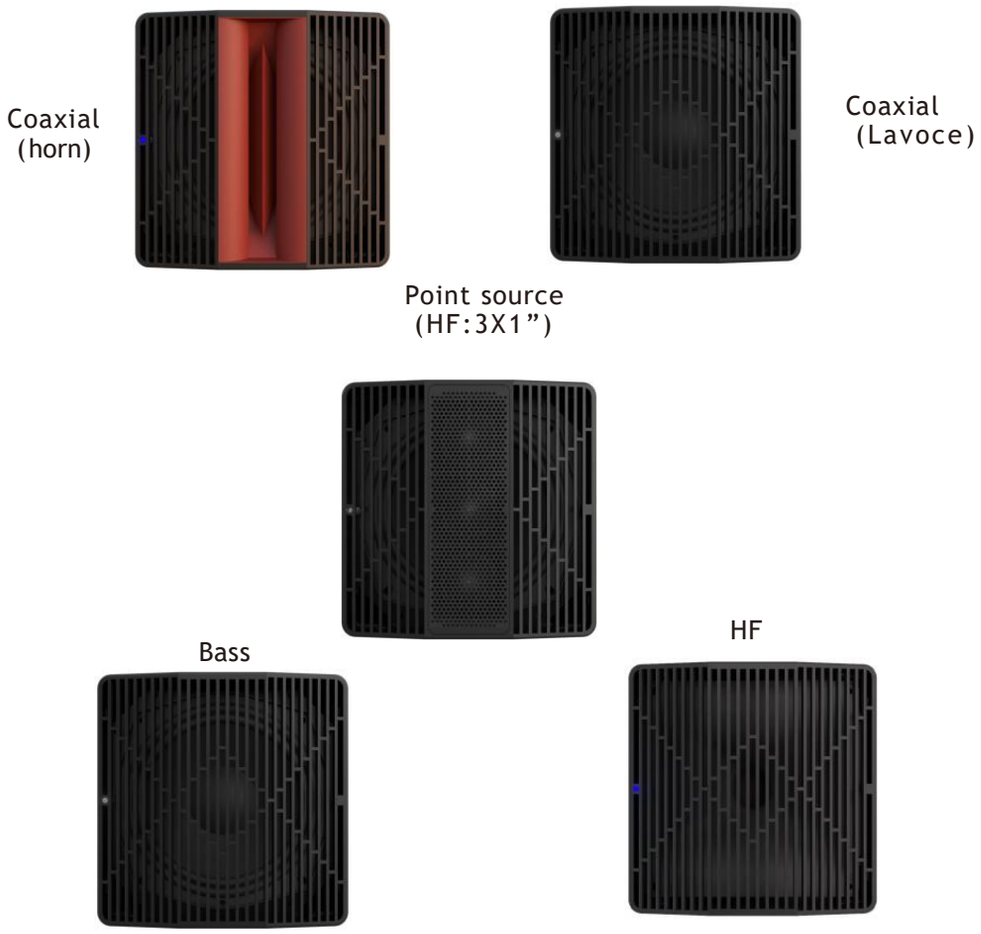
VM-A5 sound system can be used:

1)alone (Suitable in café as background music);
2)in pair (Independent 2CH AMP module with 1 pcs active and 1pcs passive);
3)sound column with 4 pcs latched one by one(Suitable in multi-function hall , small and medium-sized speaking sound reinforcement);
4)to work with customized 8 ″ active woof er as portable vocal box;
5)to work with customized double 5 ″ active woof er as line array(reinforce the mid-low frequencies);
6)to work with customized single 12 ″ active subwoofer as combination by stand (small and medium-sized mobile performances);
7) to work with customized single 12 ″ active subwoofer as line array (Suitable for installations) .

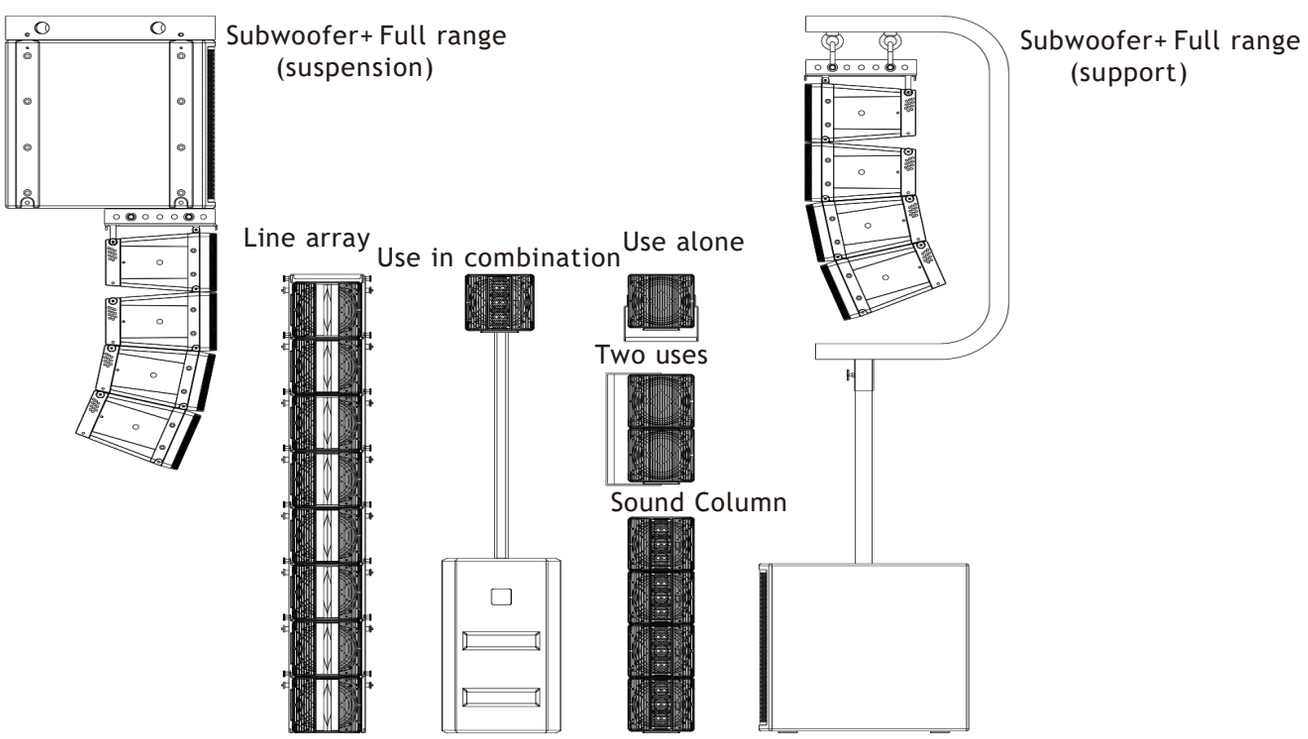
It can be flexibly combined according to different sound requirements , therefore , if certain frequency ranges are weak , it's very easy to solve , adding a certain units . This is an unimaginable solution for traditional loudspeakers .

Its transportation is particularly convenient. Only with the space in the trunk of a family car, it can accommodate mobile performances for 200-300 people .

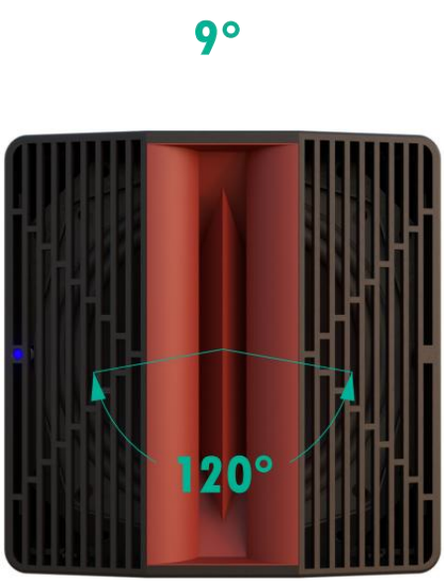
Five different speaker versions for choice:



Professional Audio for Every Application:

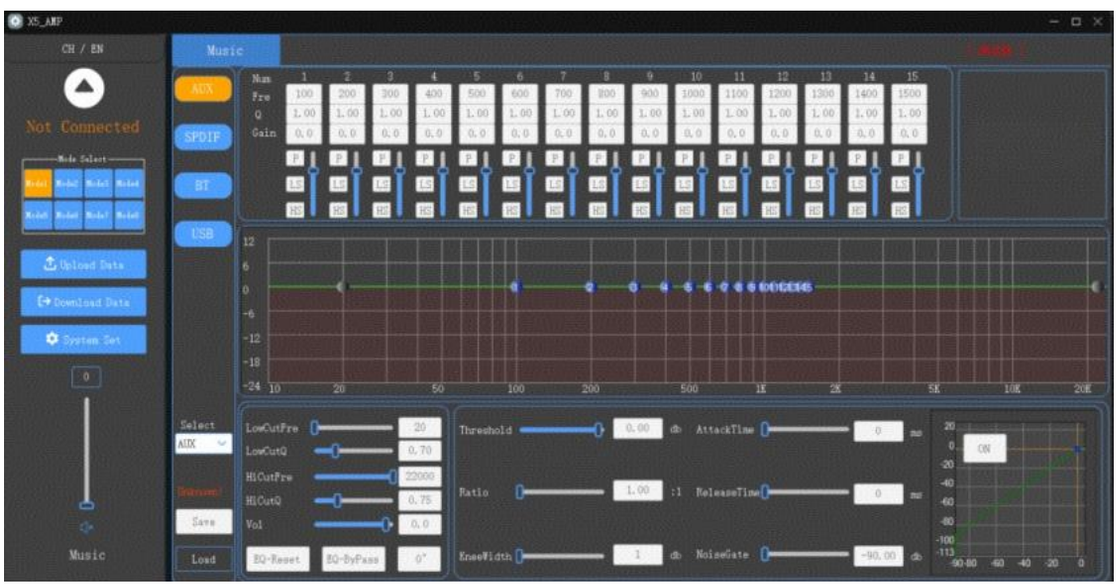


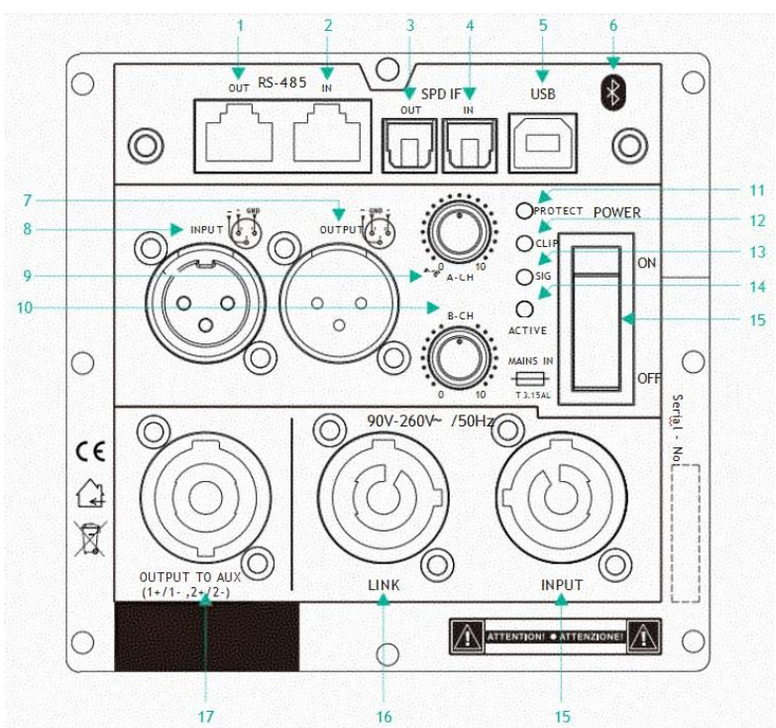
Model: VM-A5 -DA-O (Active version)





DSP software

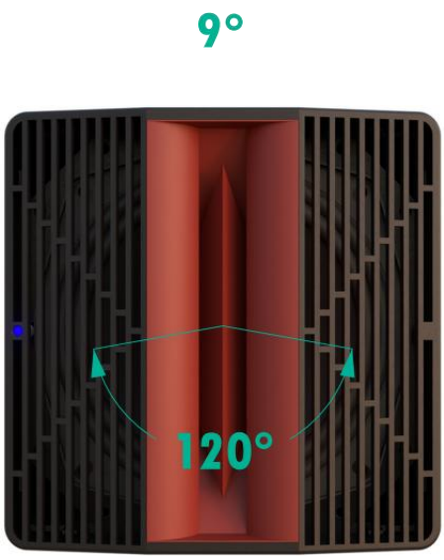




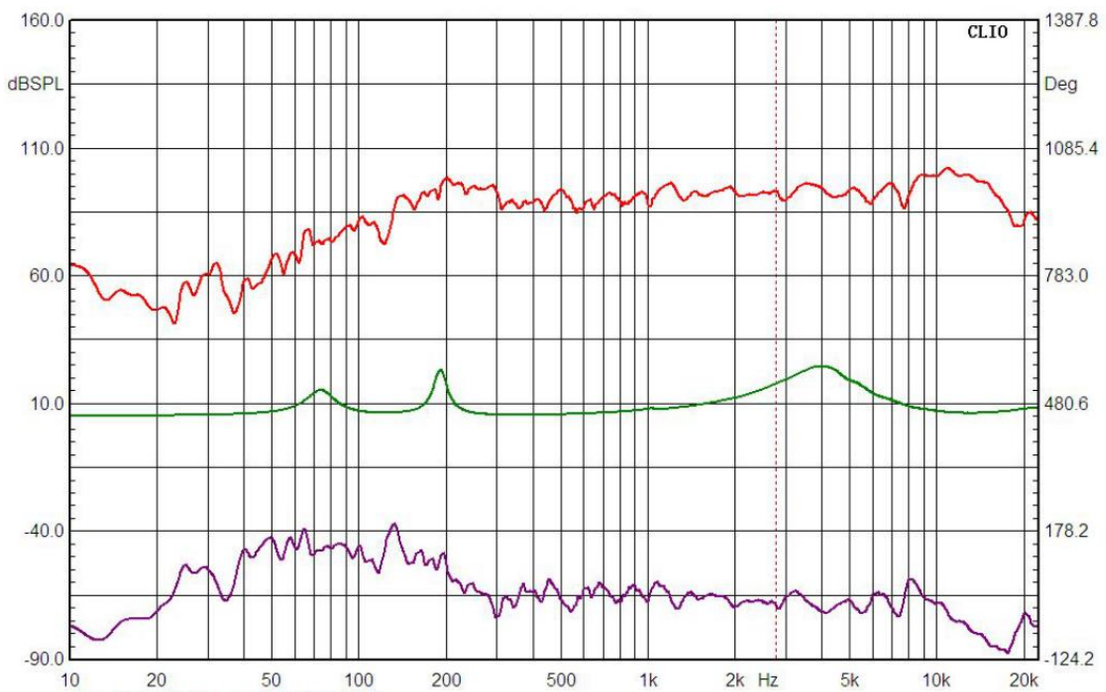
AMP SPECIFICATIONS:

1 : RS-485 input port , signal transmission
2 : RS-485 output port , signal transmission
3 :SPD IF optical fiber signal input port , signal transmission
4 :SPD IF optical fiber signal output port , signal transmission
5 :USB debugging port , connecting and debugging with PC
6 :Bluetooth mark , indicate this module has bluetooth function
7 :XLR output port , signal transmission
8 :XLR input port , signal transmission
9 :Channel A knob , adjust volume
10:Channel B knob , adjust volume
11 :Signal protection light: If the light is constantly on , it indicates the signal has been protected , and the product is in protection mode with no output
12 :Signal limiter light: If the light flashes , it indicates the signal is close to overload mode , and please keep the volume down .
13 :Signal light: If the light is constantly on , it indicates the signal has been connected , the product is in working mode .
14 :Power light: If the light is constantly on , it indicates the power supply is connected , the product is in standby mode .
15:Power input port
16:Power output port
17:Speaker output port , connecting another passive speaker

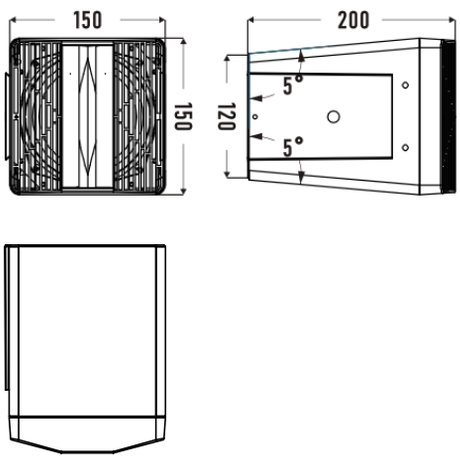
Model: VM-A5-O (Passive version)





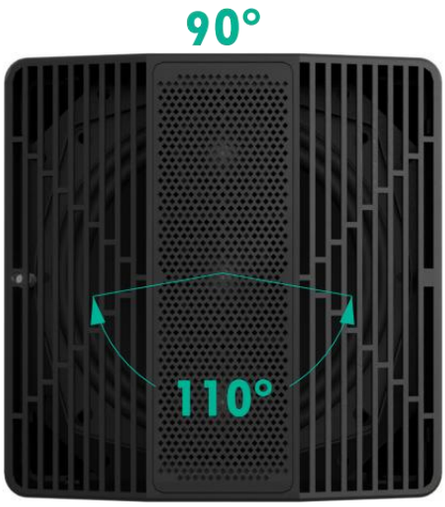


Technical specifications:



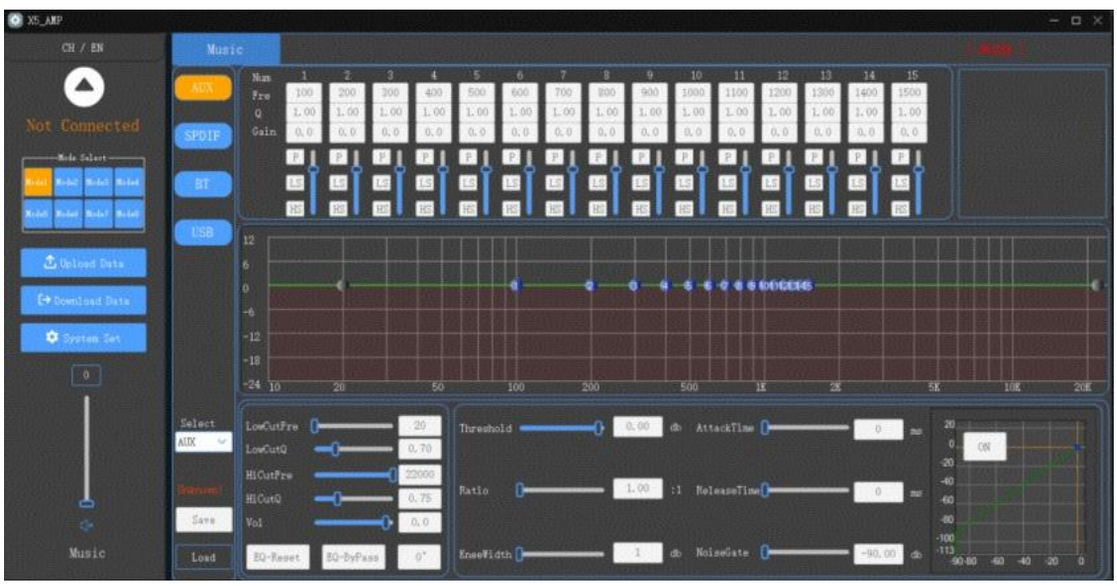
Model :	VM-A5-DA-O/VM-A5-O
Fre. Response	1:00Hz~18kHz(±3dB)
Drivers	LF: 5.25" HF:1.4"
Rated Power	150W RMS. 600W Peak
Sensitivity	98dB
Max. SPL	124dB
Impedance	4 ohm
Dispersion	120° x 9° (HxV)
Cabinet	ABS engineering plastic
Dimension	W:150 x D200 x H150
Weight	2.4kg

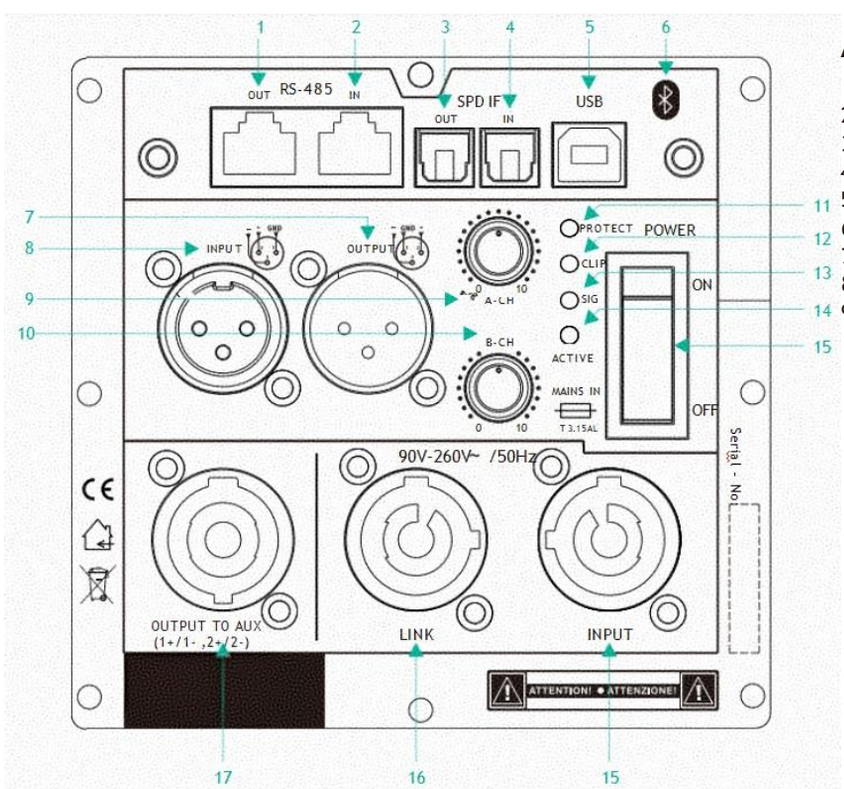
Model: VM-A5 -DA-I (Active version)





DSP Software:

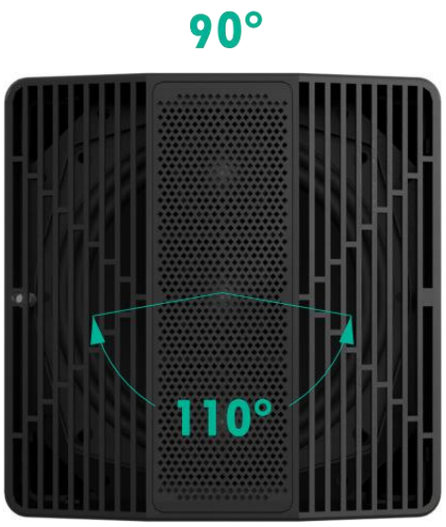




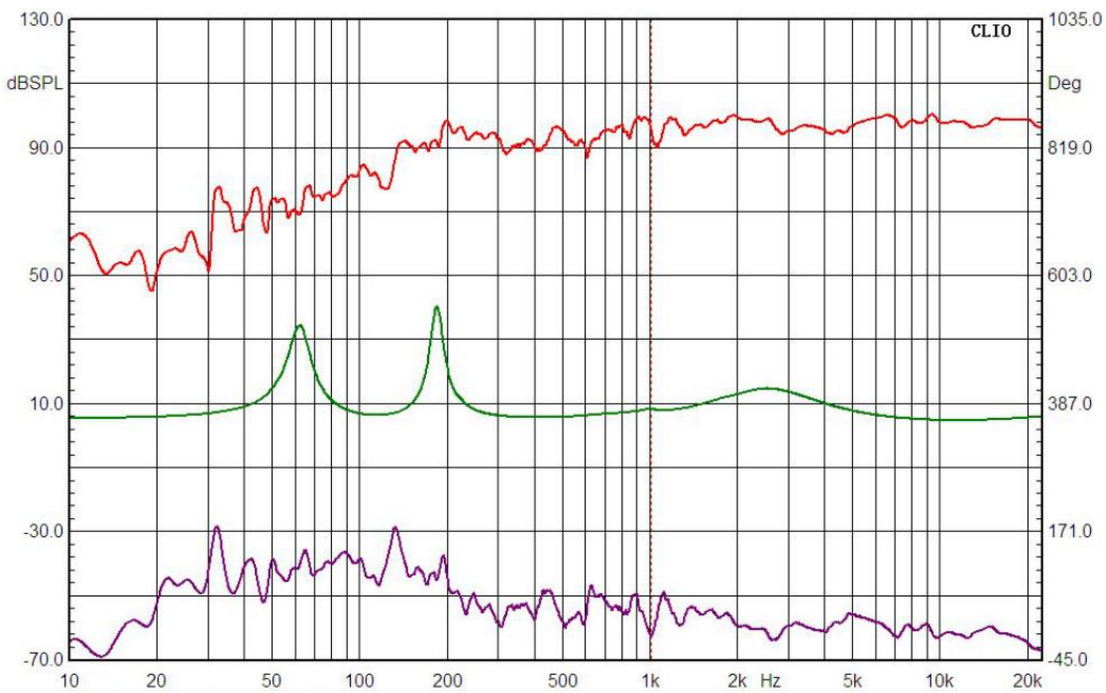
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15:Power input port
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17:Speaker output port , connecting another passive speaker

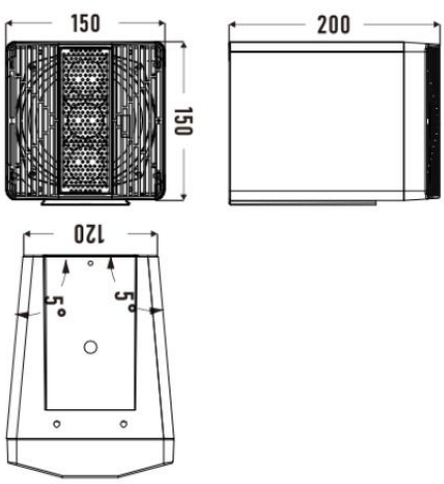
Model: VM-A5-I (Passive version)







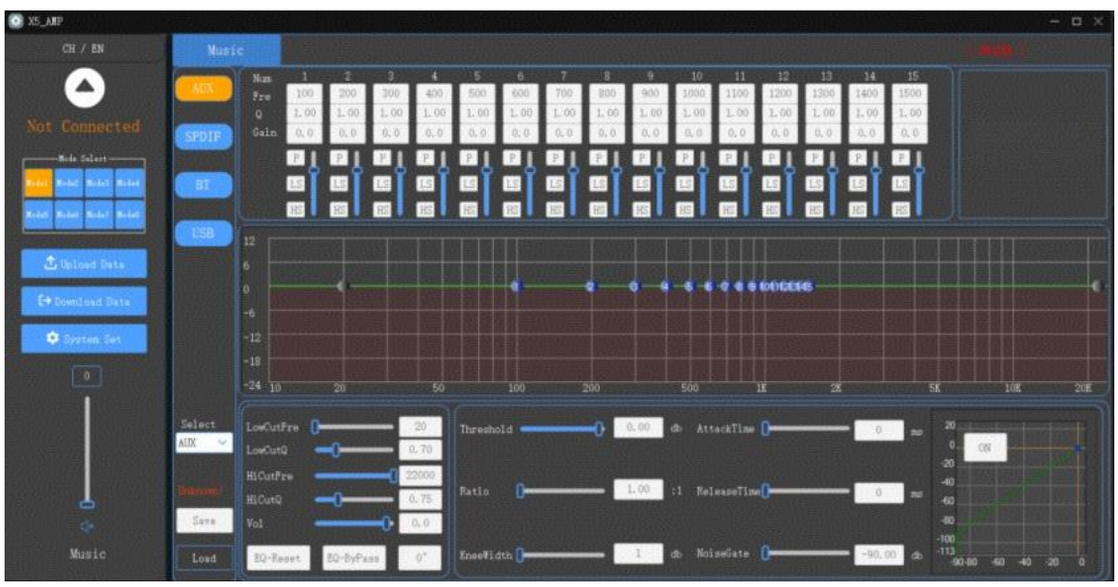
Technical specifications:

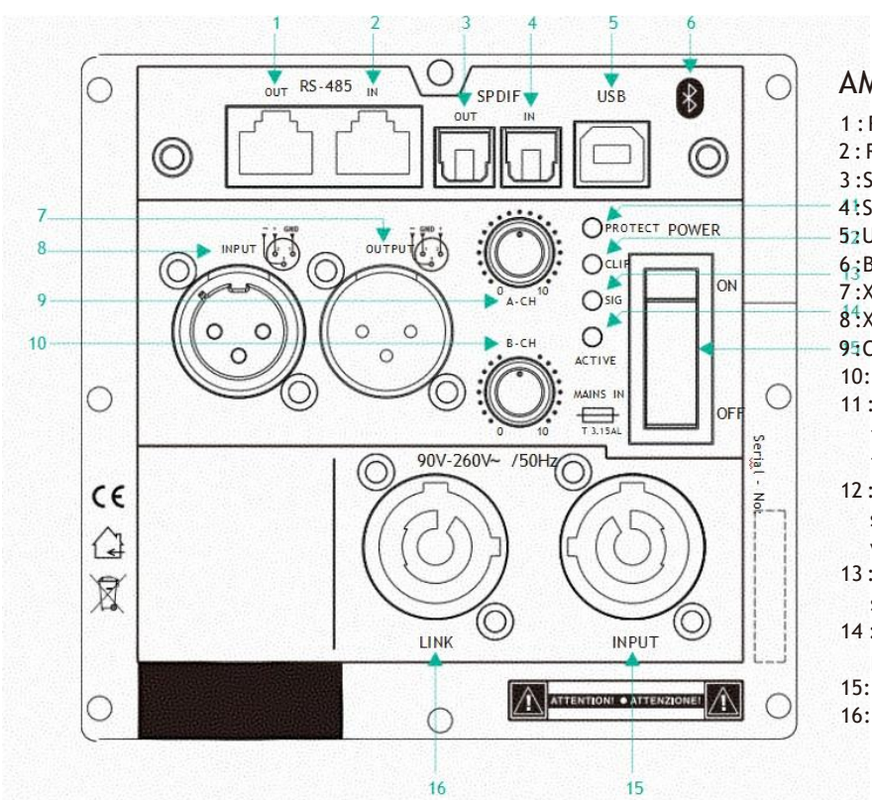


Model :	VM-A5-DA-I/VM-A5-I
Fre. Response	1:12Hz~20kHz(±3dB)
Drivers	LF: 5.25" HF:3x1"
Rated Power	150W RMS. 600W Peak
Sensitivity	100dB
Max. SPL	129dB
Impedance	4 ohm
Dispersion	H110° x V90°
Cabinet	ABS engineering plastic
Dimension	W150 x D200 x H150
Weight	2.0kg

Model: VM-A8S-DA (Active version)



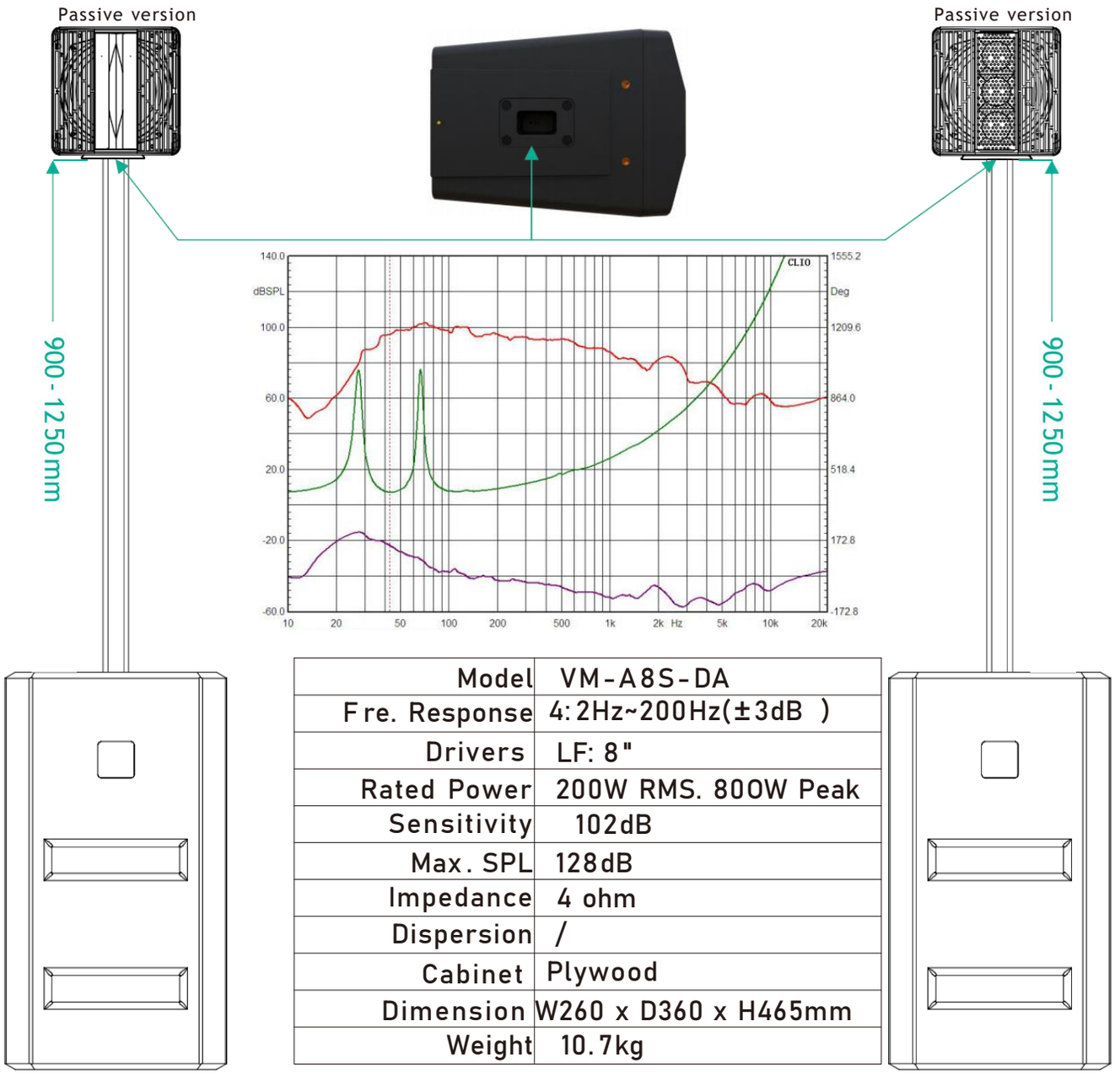




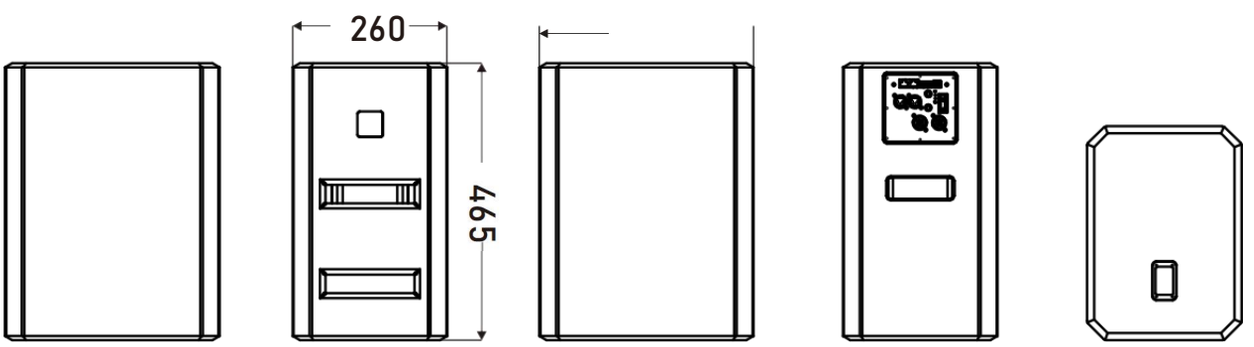
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15:Power input port
16:Power output port

Technical specifications:

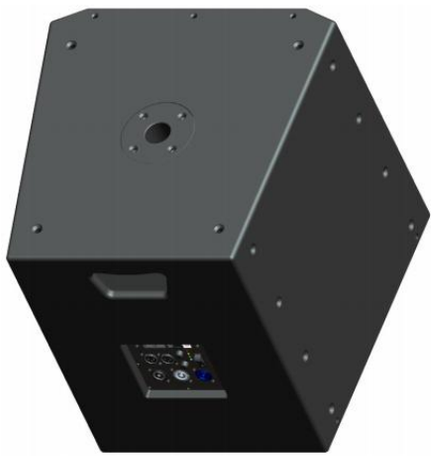


Model	VM-A8S-DA
Fre. Response	4:2Hz~200Hz(±3dB)
Drivers	LF: 8"
Rated Power	200W RMS. 800W Peak
Sensitivity	102dB
Max. SPL	128dB
Impedance	4 ohm
Dispersion	/
Cabinet	Plywood
Dimension	W260 x D360 x H465mm
Weight	10.7kg

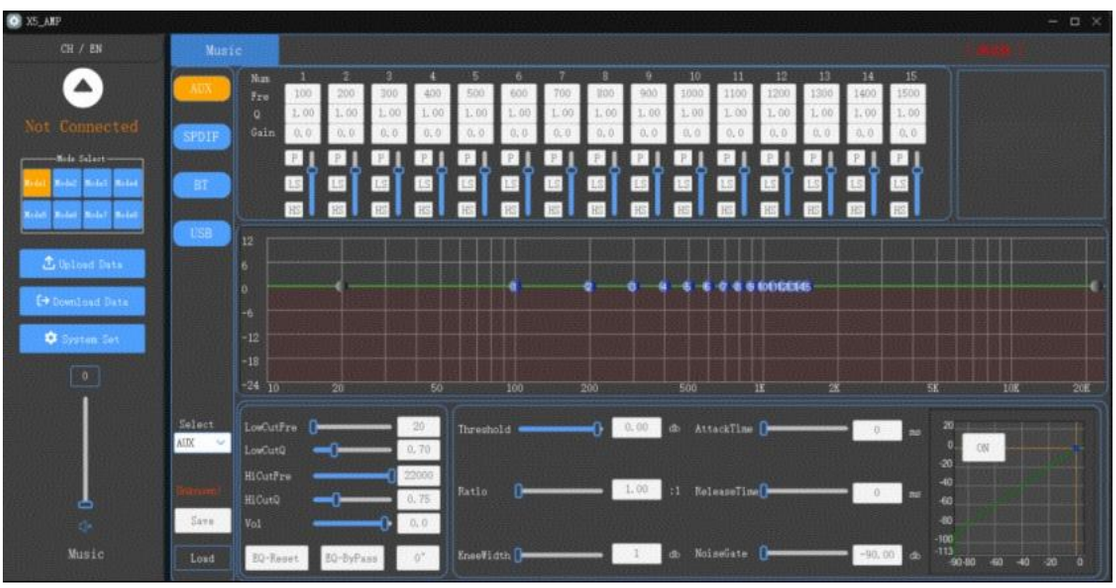


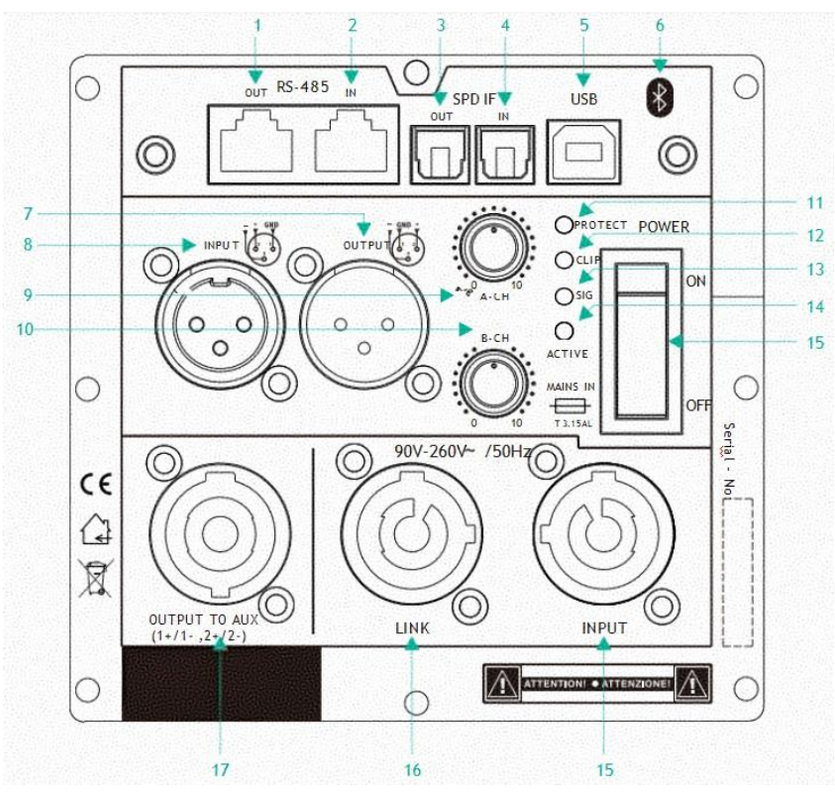
Model: VM-A12S-DA (Active version)





DSP Software:



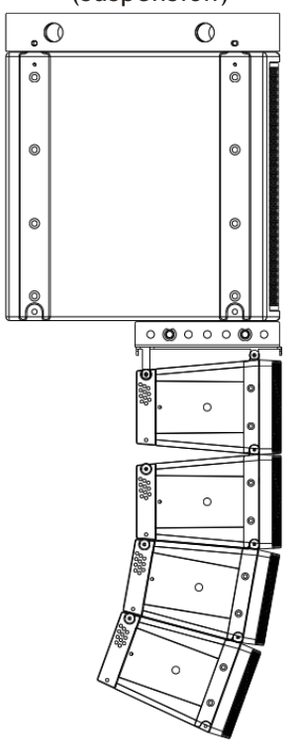


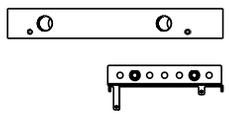
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15:Power input port
16:Power output port
17:Speaker output port , connecting another passive speaker

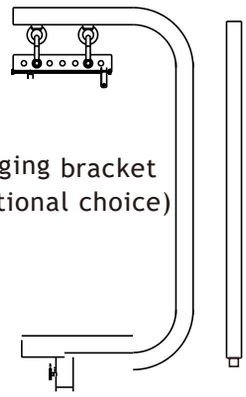
Technical specifications:

Subwoofer+ Full range
(suspension)



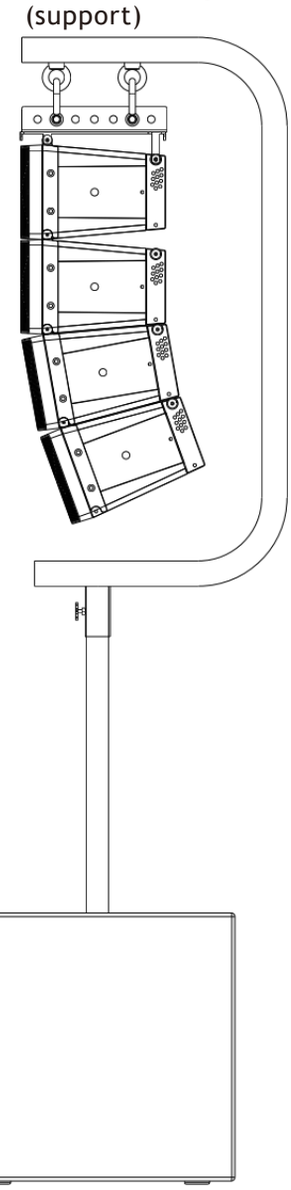


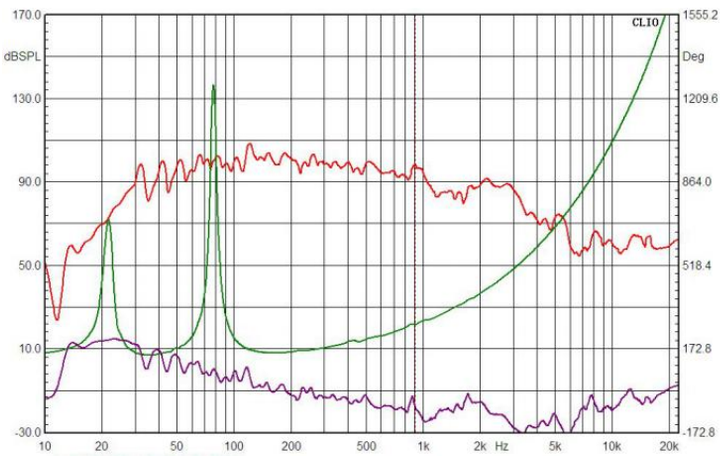
Hanging bracket
(Optional choice)



Hanging bracket
(Optional choice)

Subwoofer+ Full range
(support)





Model	VM-A12S-DA
Fre. Response	35Hz~180Hz(±3dB)
Drivers	LF: 12"
Rated Power	400W RMS. 1600W Peak
Sensitivity	106dB
Max. SPL	132dB
Impedance	8 ohm
Dispersion	/
Cabinet	Plywood
Dimension	W420 x D435 x H425mm
Weight	23.5kg

