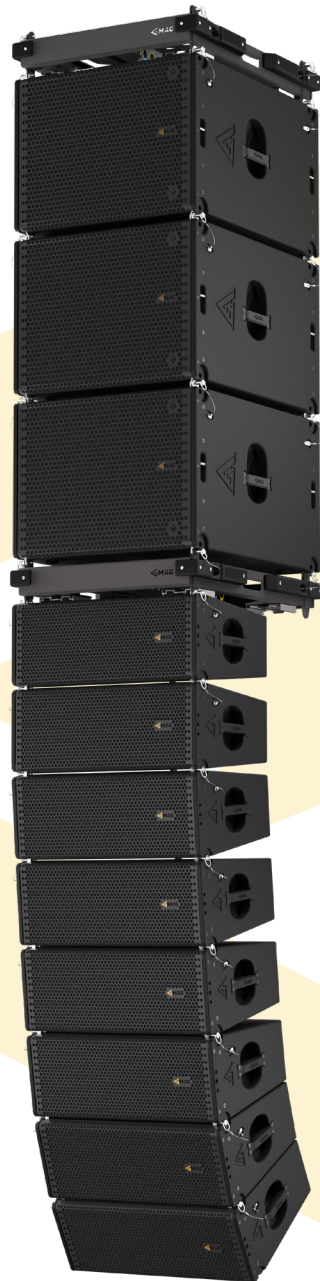


WASP SERIES

User Manual
EN



Systems:

WASP-8
WASP-S12 (discontinued)
WASP-S15
WASP-S18

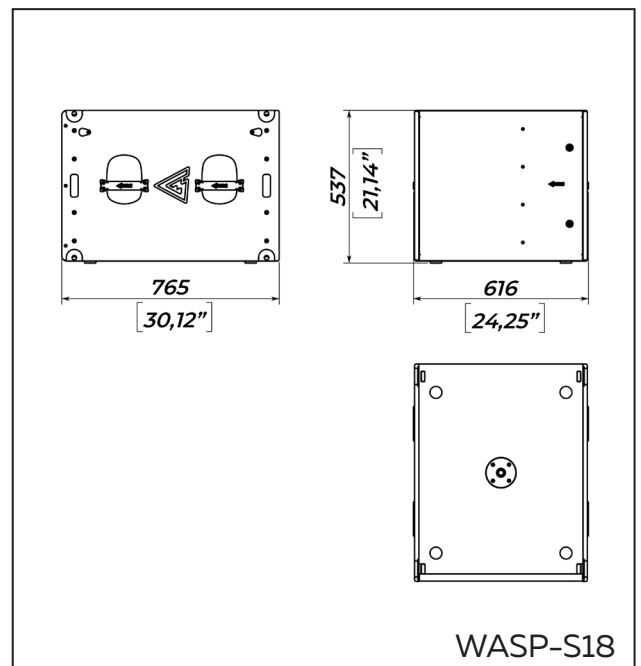
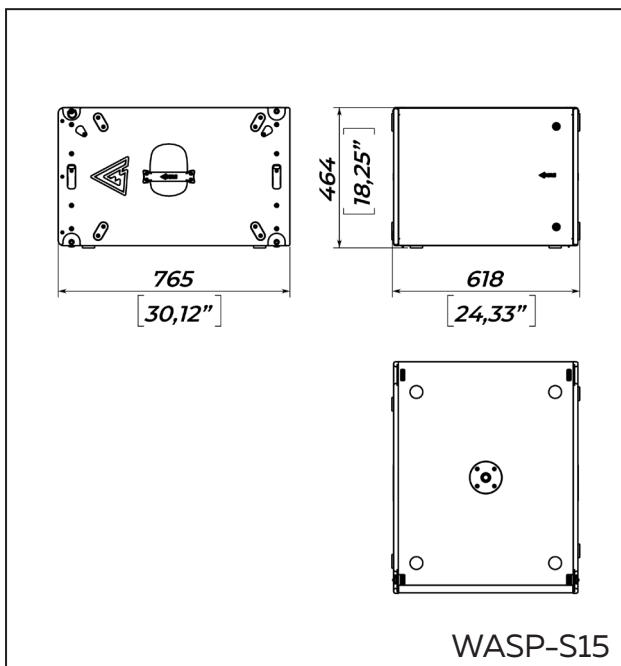
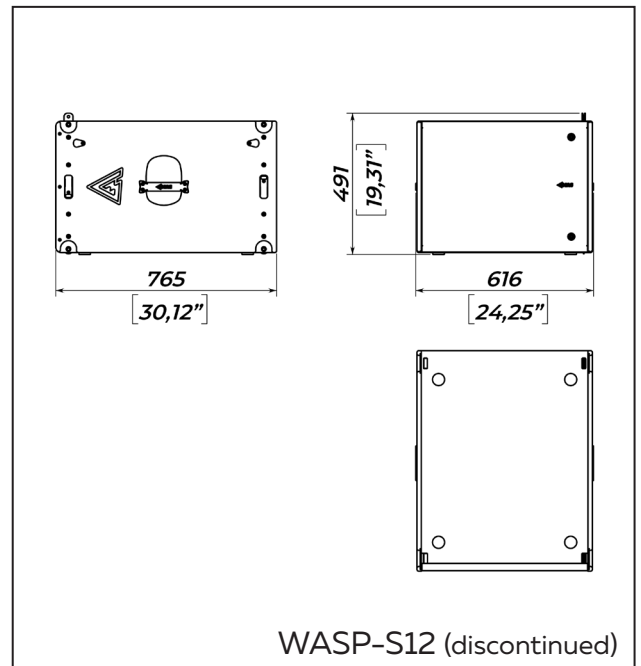
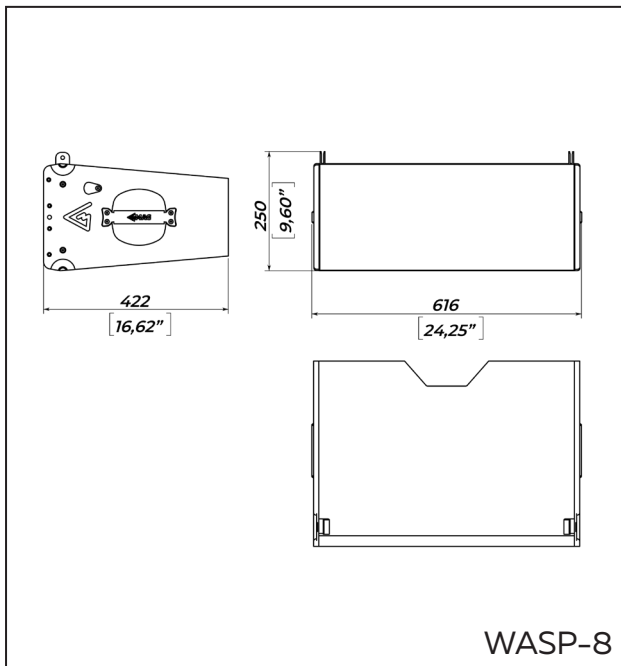


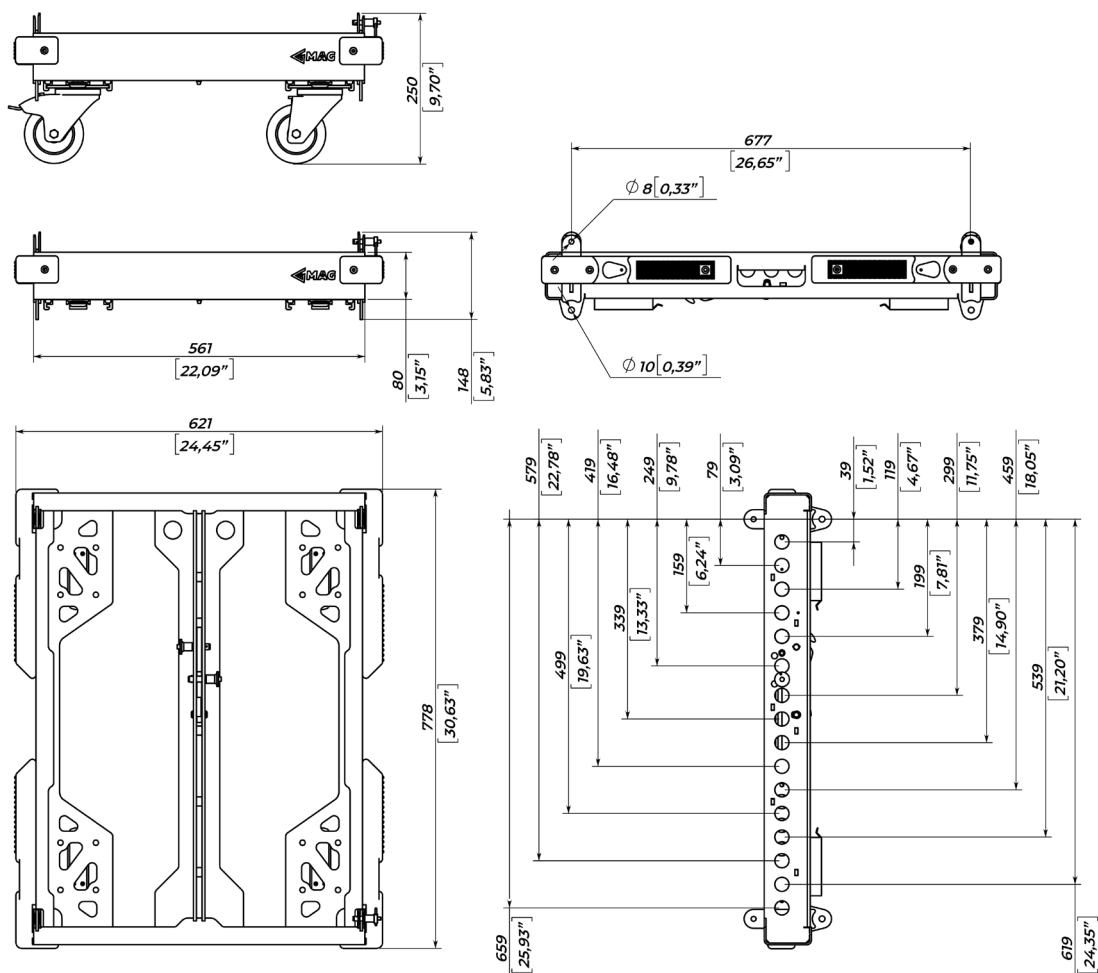
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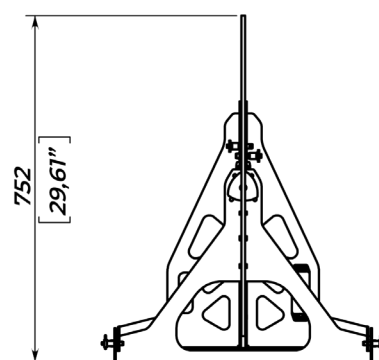
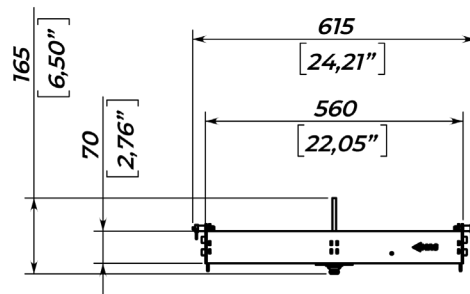
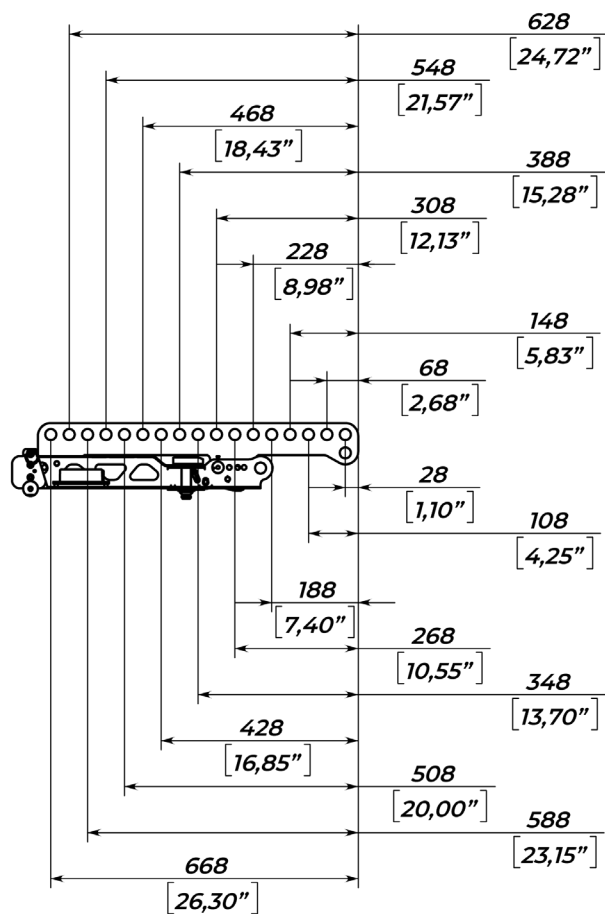
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Dimensions





Bump-WASP-H, Bump-WASP-H-CW



Bump-WASP-L

1. Safety instructions



EXPLANATIONS OF GRAPHICAL SYMBOLS



The triangle with the lightning bolt is used to alert the user to the risk of electric shock.



The triangle with the exclamation point is used to alert the user to important operating or maintenance instructions.



The CE mark indicates compliance with the low voltage and electromagnetic compatibility.



The symbol for earth/ground connection.



A symbol indicating that the equipment is for indoor use only.



Symbol for conformity with Directive 2002/96/EC and Directive 2003/108/EC of the European Parliament on waste electrical and electronic equipment (WEEE).



WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT ATTEMPT TO OPEN ANY PART OF THE UNIT. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



TO COMPLETELY DISCONNECT THIS APPARATUS FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE.



THE MAINS PLUG OF THE POWER SUPPLY CORD MUST REMAIN READILY ACCESSIBLE.



DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE, DRIPPING OR SPLASHING LIQUIDS. OBJECTS FILLED WITH LIQUIDES, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.



CONNECTIONS TO THE MAINS SHALL BE DONE ONLY BY AN ELECTRO-TECHNICALLY SKILLED PERSON ACCORDING TO THE NATIONAL REQUIREMENTS OF THE COUNTRIES WHERE THE UNIT IS SOLD.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions carefully.
 2. Keep these instructions.
 3. Heed all warnings.
 4. Follow all instructions.
 5. Do not use this equipment near water.
 6. Clean only with a dry cloth.
 7. Do not block any ventilation openings. Install following the manufacturer's instructions.
 8. Do not use near heat sources such as stoves, heat registers, radiators, or other equipment (including amplifiers) that produces heat.
 9. Do not use the unit near open fire sources.
 10. Connect the unit only to the electric network with grounding. Use only electric plugs that provide grounding.
 11. Protect the power cord from being walked on, pinched, or otherwise damaged.
 12. Use only accessories specified by the manufacturer.
 13. Unplug this unit during lightning storms or when unused for long periods.
 14. Refer all servicing to qualified service personnel. Servicing is required when the system has been damaged in any way, such as a power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the unit, the unit has been exposed to rain or moisture, does not operate normally, or has been dropped.
 15. **WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS SYSTEM UNIT TO RAIN OR MOISTURE.**
- INSTALLING THIS UNIT MUST BE PERFORMED ONLY BY QUALIFIED TRAINED PERSONNEL FOLLOWING APPLICABLE SAFETY RULES. DO NOT ALLOW INSTALLATION OF THIS UNIT IF INSTALLATION HARDWARE IS BROKEN, BENT, PARTS ARE MISSING OR IS OTHERWISE DAMAGED.**

2. Regulatory information

FCC COMPLIANCE NOTICE

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, under part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used following the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

EC DECLARATION OF CONFORMITY

Manufacturer:
MAG Audio LLC
Merezhna 2
Bila Tserkva, Kyiv region
09112 Ukraine

We declare under our sole responsibility that products:

Models: WASP-8, WASP-S12, WASP-S15,
WASP-S18

Intended use: Professional Speaker System

Conform with the provisions of the following EC Directives, including all amendments, and with national legislation implementing these directives:

- 2006/95/EC Low Voltage Directive
- 2004/108/EC Electromagnetic Compatibility Directive
- 2002/95/CE RoHS Directive

The following harmonized standards are applied:

EN 55103-1:2009 /A1:2012
EN 55014-1:2006 /A1:2009 /A2:2011
EN 55022:2010 /AC:2011
EN 61000-3-2:2006 /A1:2009 /A2: 2009
EN 61000-3-3:2013
EN 61000-3-11:2000
EN 61000-3-12:2011
EN 55103-2:2009 /IS:2012
EN 61000-4-2:2009
EN 61000-4-3:2006 /A1:2008 /IS1:2009 /A2:2010
EN 61000-4-4:2012
EN 61000-4-5:2006
EN 61000-4-6:2014
EN 61000-4-11:2004
EN 60065:2002 /A1:2006 /A11:2008 /A2:2010 /A12:2011

Bila Tserkva,
22 January 2019

Alexey Asanov
CEO

For compliance questions: info@mag-audio.com

3. WASP series



3.1. Introduction

WASP line array is a versatile array for any installation size, as small as a restaurant or a bar, and as big as a concert hall or a stadium.

A dual 8-inch system with a 1.5-inch throat HF driver, WASP has received the most advanced components to assist with the task of creating the ultimate compact line-array solution. Thoroughly designed cabinets, the most advanced proprietary mounting system, and a wide selection of mounting and connectivity accessories were called in to provide fast mounting\dismounting times, as well as ease of transportation and storage.

A complete amplification solution is available for WASP as well. Ready-to-go touring racks are fitted with signal and power distribution and are based on state-of-the-art touring amplifiers from Powersoft®. WASP system usability is further extended with available presets as well as GLL files for fast system performance prediction.

WASP modules and backed with WASP-S12, WASP-S15 and WASP-S18 flown or stacked subwoofers, and are additionally compatible with several models from the Subwoofer series.

3.2. WASP series speaker models

WASP user manual covers usage of following models:

WASP-8 part number 00-0003869

WASP-S12 part number 00-0008340 (discontinued)

WASP-S15 part number 00-0033757

WASP-S18 part number 00-0007201

4. Specifications

System	WASP-8 Passive line array module	WASP-S12 Arrayable passive subwoofer (discontinued)	WASP-S15 Arrayable passive subwoofer	WASP-S18 Arrayable passive subwoofer
Frequency Response (-10dB)	70 - 20000 Hz	42 - 140 Hz	35 - 300 Hz	32 - 200 Hz
Max SPL ¹	141 dB (single cabinet)	140 dB	137 dB	141 dB
Sensitivity (1W/1m)	98 dB Low / 110 dB High	101 dB	95 dB	98 dB
LF Driver	2x 8", 2,5" VC	12", 4" VC	15", 4" VC	18", 4" VC
HF Driver	1,5", 2,8" VC	-	-	-
Impedance	16 Ohm Low / 16 Ohm High	8 Ohm	8 Ohm	8 Ohm
Horizontal coverage	100°	-	-	-
Vertical coverage	Depends on the number of cabinets	-	-	-
Nominal power ²	600 W Low / 100 W High	950 W	1000 W	1300 W
Connectors	2x Neutrik Speakon	4x Neutrik Speakon	4x Neutrik Speakon	4x Neutrik Speakon
Dimensions (W×H×D), mm	622x279x422 mm	622x493x765 mm	620x464x765 mm	622x567x765 mm
Net weight, kg	22 kg	44,6 kg	48,4 kg	47,8 kg
Shipping weight, kg	25 kg	47,6 kg	51,5 kg	50,8 kg
Mounting	Integrated flying hardware; 0° - 10° splay angle	Integrated flying hardware	Integrated flying hardware, M20 distance adapter	Integrated flying hardware, M20 distance pole adapter
Enclosure material	Plywood; wear- resistant paint	Plywood; wear- resistant paint	Plywood; wear- resistant paint	Plywood; wear- resistant paint
Grill	Steel grill, synthetic acoustically transparent cloth	Steel grill, synthetic acoustically transparent cloth	Steel grill, synthetic acoustically transparent cloth	Steel grill, synthetic acoustically transparent cloth

¹ - peak value, calculated according to AES 2 - 2012

² - based on transducer power measured according to AES 2 - 2012

5. System operation

5.1. Rigging

WASP line array comes with built-in mounting hardware for ground stack and flying cluster installation options.

Rigging must be performed only by trained personnel following the established safety rules.

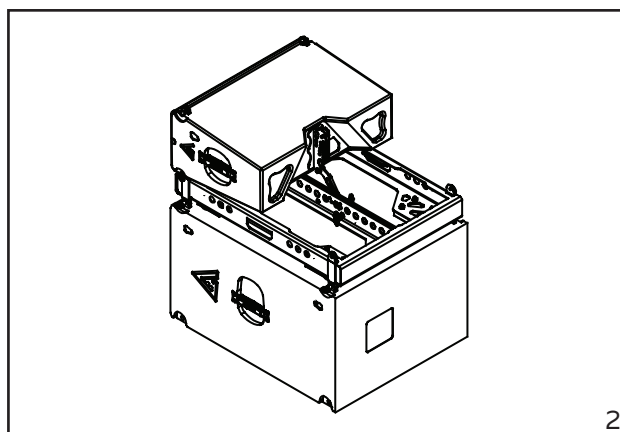
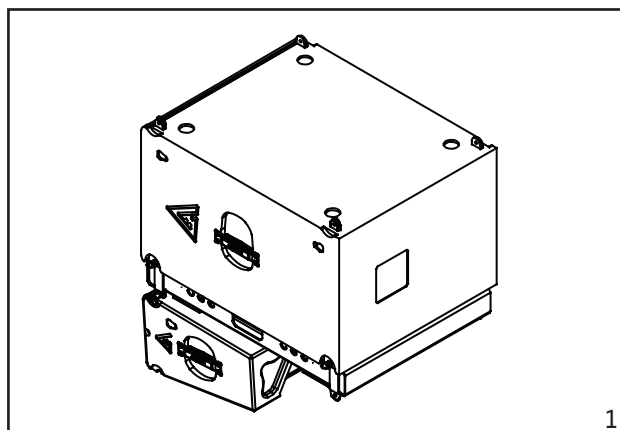
MAXIMUM WEIGHT RESTRICTIONS MUST BE FOLLOWED AT ALL TIMES!

MAKE SURE THE SUPPORT STRUCTURE IS CAPABLE OF HOLDING THE APPLIED WEIGHT WHILE SUSPENDING THE SYSTEM!

5.1.1. Connecting WASP modules to WASP-S12/S15/S18 subwoofers

WASP line array is a versatile product allowing the creation of ground stack as well as flying cluster configurations.

In both cases, the connection of WASP modules and WASP-S12/S15/S18 is done using an intermediate Bump-WASP-H frame.



5.1.2. Connecting two WASP modules

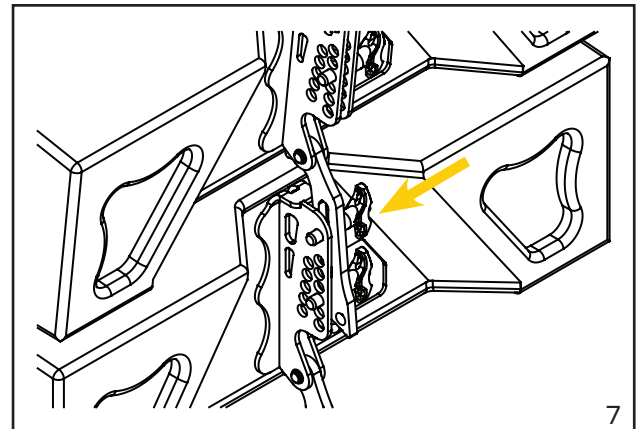
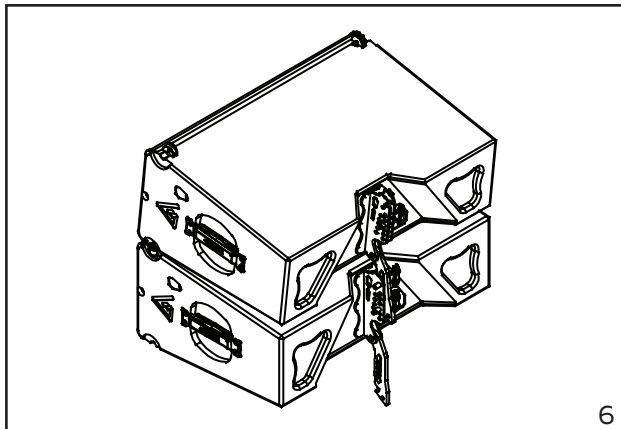
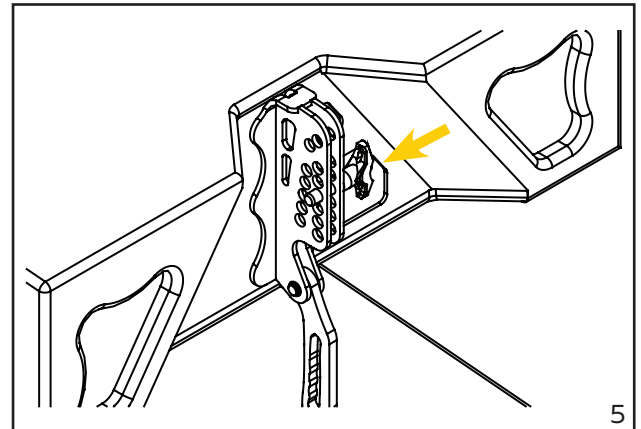
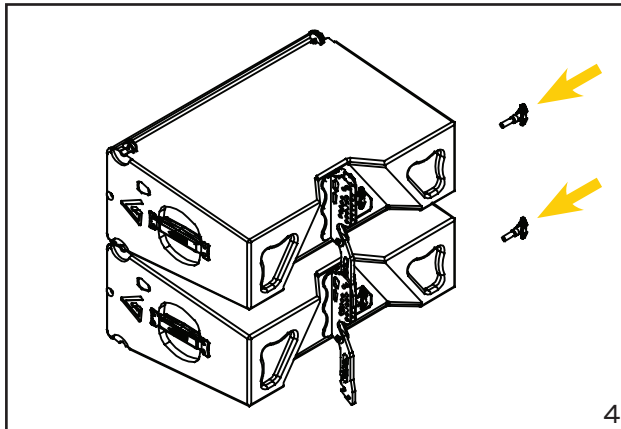
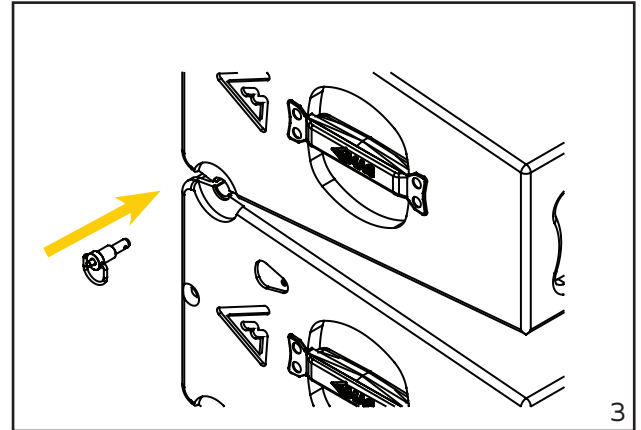
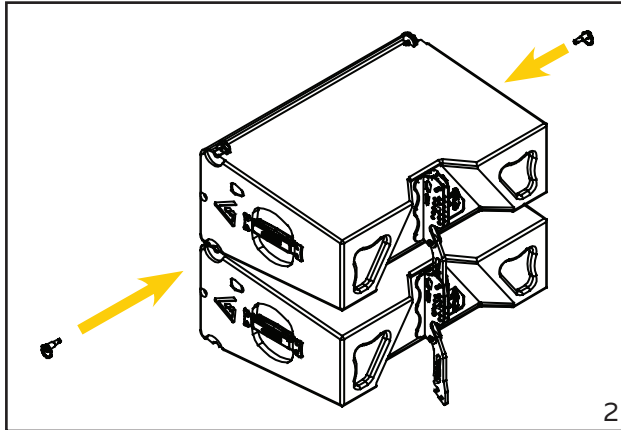
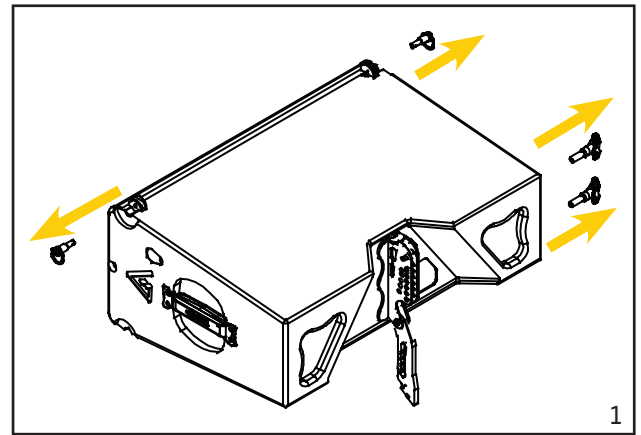
- Release two VA-0018 10 mm pins on the rear link and two VA-0010 8 mm pins on the front link.

(Pic. 1)

- Bring together two cabinets, then insert two VA 0010 8 mm pins into the front link from the sides of the cabinets. (Pic. 2, 3)

- For each cabinet, insert one VA-0018 10 mm pin into a slot for the required splay angle. (Pic. 4, 5)

- Bring together, and then extend the rears of all cabinets to allow the rear link to hook. Secure rear connection with one VA-0018 10 mm pin. (Pic. 6, 7)



5.1.3. Connecting a flying frame on the top of a WASP module

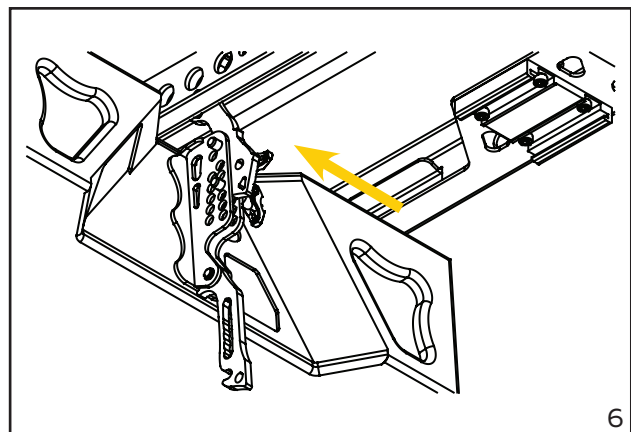
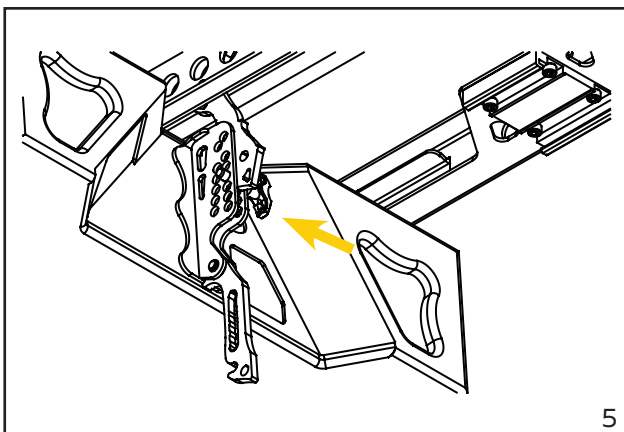
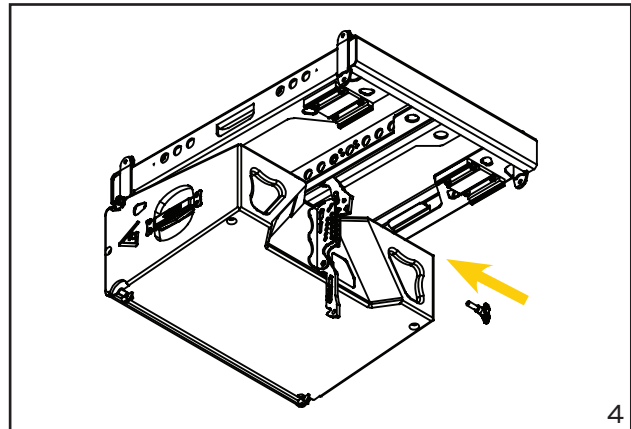
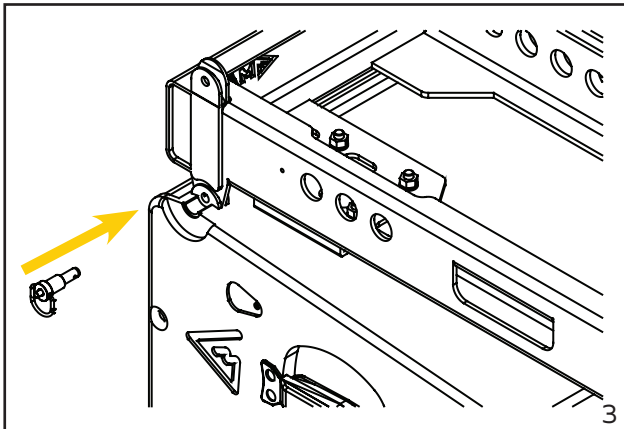
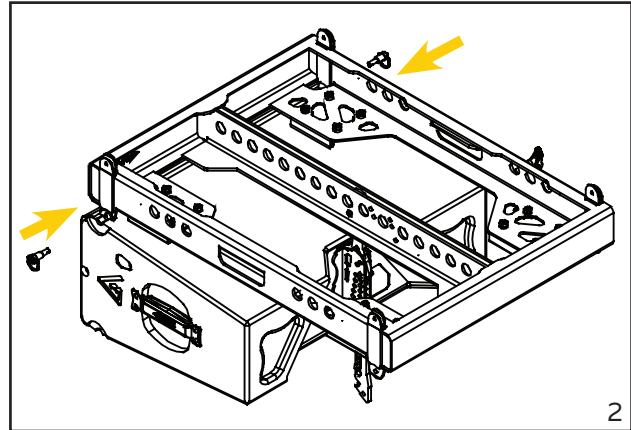
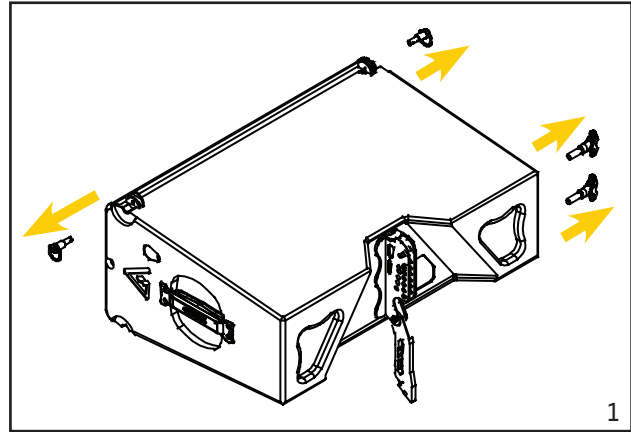
- Release two VA-0018 10 mm pins on the rear link and two VA-0010 8 mm pins on the front link.

(Pic. 1)

- Attach the Bump-WASP-H (ex. WSF-02) flying frame on the top of the cabinet and insert two VA-0010 pins in the front. (Pic. 2, 3)

- Insert a VA-0018 10 mm pin into the cabinet's rear link. Choose the angle of the tilt. (Pic. 4, 5)

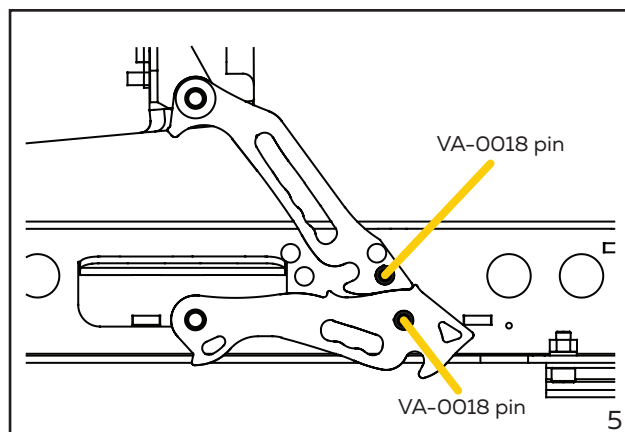
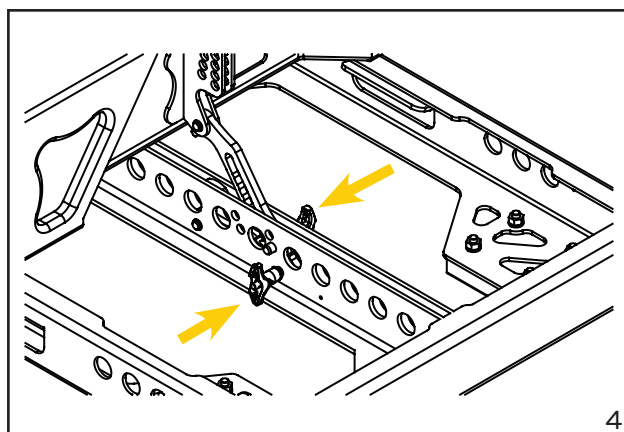
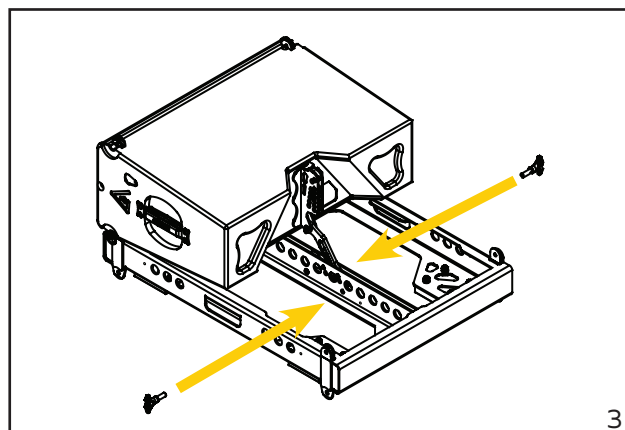
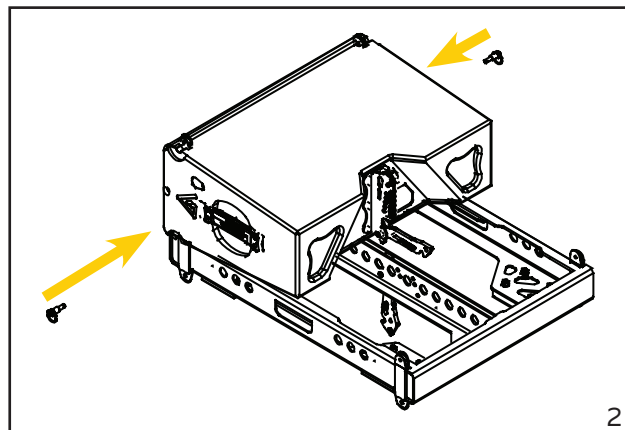
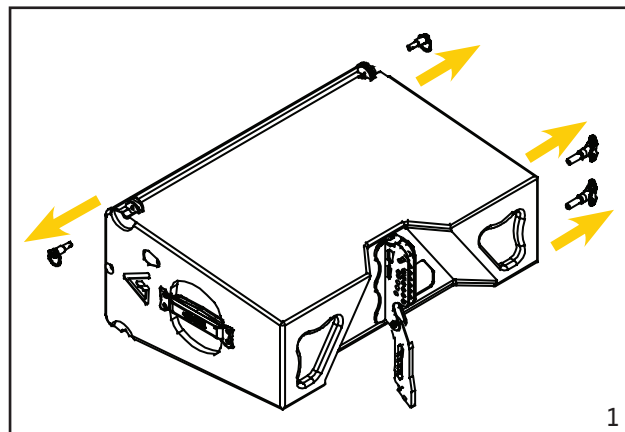
- Hook the link of the frame onto the cabinet's rear hardware, and secure it with a second VA-0018 10 mm pin. (Pic. 6, 7)



5.1.4. Connecting a Bump-WASP-H frame on the bottom of a WASP-8 module

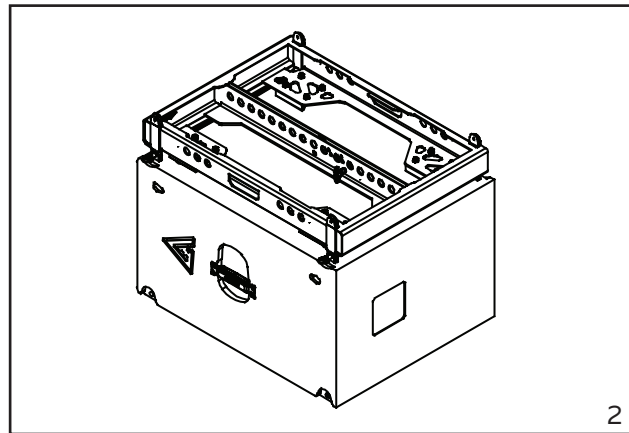
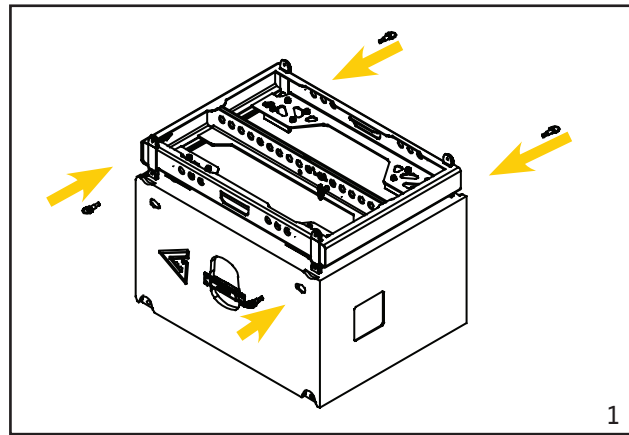
- Release two VA-0018 10 mm pins on the rear link and two VA-0010 8 mm pins on the front link. (Pic. 1)
- Place the cabinet on the top of the Bump-WASP-H (ex. WSF-02) frame, and insert two VA-0010 8 mm pins into the front links. (Pic. 2).
- Use a VA-0018 10 mm pin to secure the frame's link into the hidden position. Use another VA-0018 10 mm pin to attach the cabinet's link to the frame. (Pic. 3, 4, 5).

You can choose between 0°, 2,5°, 5° and 7,5° for front tilt of the WASP-8 cabinet. For additional tilt angle, use the (ex. WSF-02) or Bump-WASP-Ext15 accessory (refer to 5.1.11 and 5.1.12).



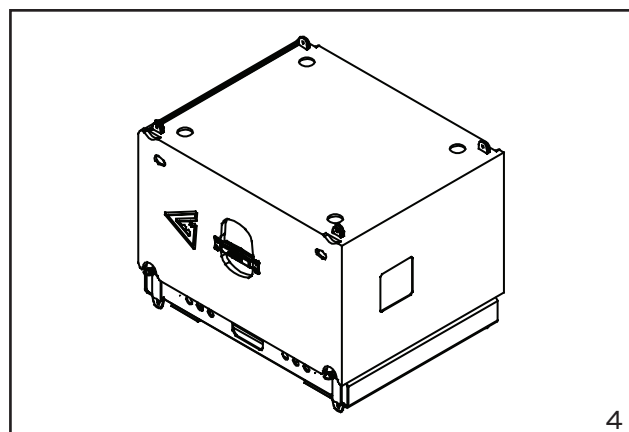
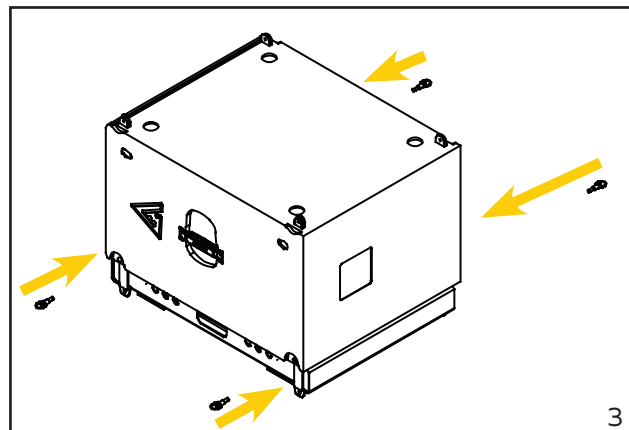
5.1.5. Connecting a Bump-WASP-H frame on the top of a WASP-S12/S15/S18

- Place the Bump-WASP-H (ex. WSF-02) flying frame on the top of a WASP-S12/S15/S18, align so the front and rear links of a WASP-S12/S15/S18 fit into the receptacles of the frame (Pic. 1).
- Insert four VA-0010 8 mm pins into the front and rear links of the WASP-S12/S15/S18.



5.1.6. Connecting a Bump-WASP-H frame on the bottom of a WASP-S12/S15/S18

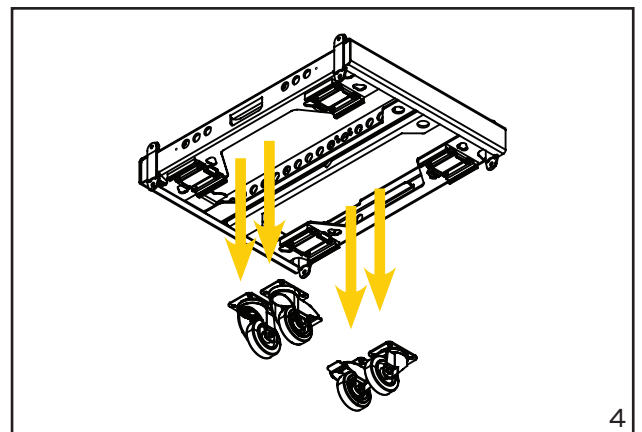
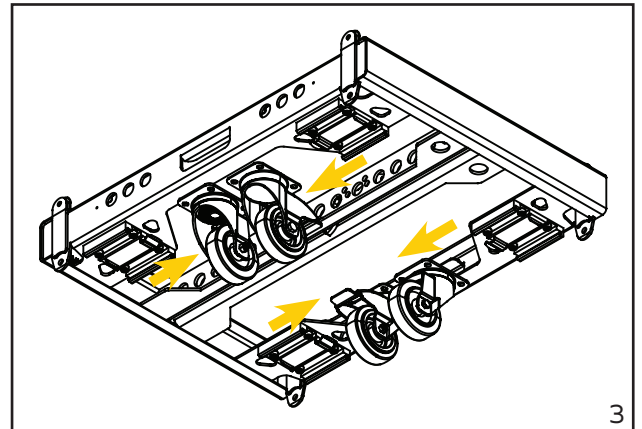
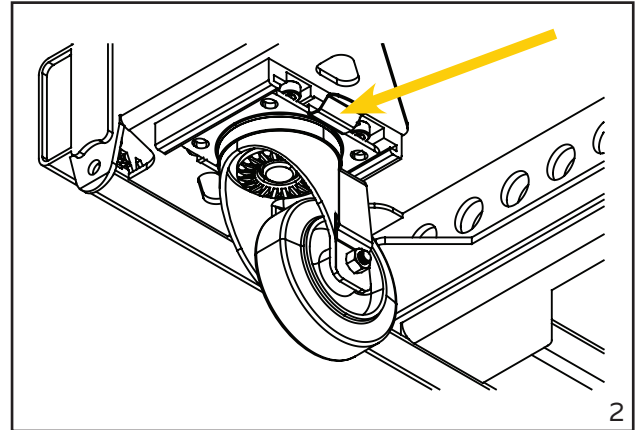
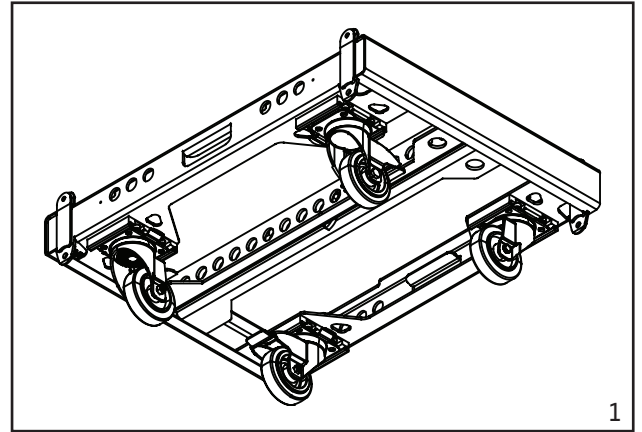
- Place the Bump-WASP-H (ex. WSF-02) flying frame on the bottom of a WASP-S12/S15/S18, align so the front and rear links of a WASP-S12/S15/S18 fit into the receptacles of the frame (Pic. 1).
- Insert four VA-0010 8 mm pins into the front and rear links of the WASP-S12/S15/S18.



5.1.7. Connecting castor wheels to the Bump-WASP-H-CW frame.

The Bump-WASP-H (ex. WSF-02) flying frame on the wheels - the name Bump-WASP-H-CW (ex. WSF-02CW) can fitted with four 100 mm castor wheels to easily transportation of WASP-8 or WASP-S12/S15/S18 subwoofer stacks.

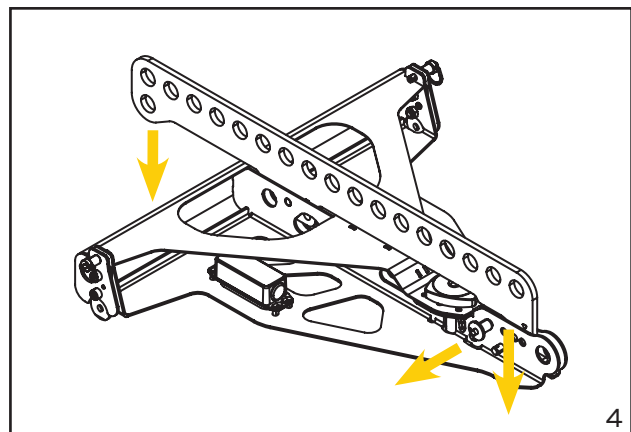
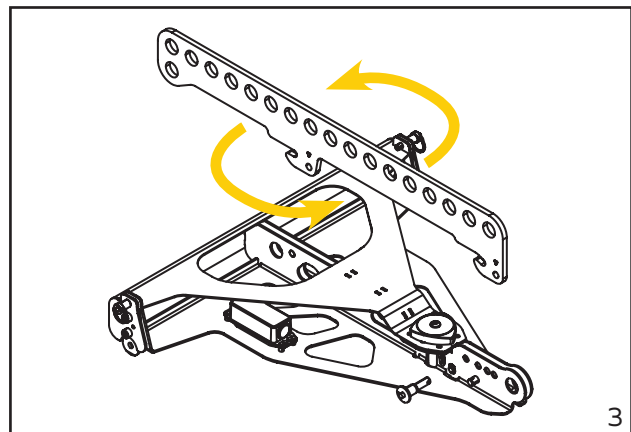
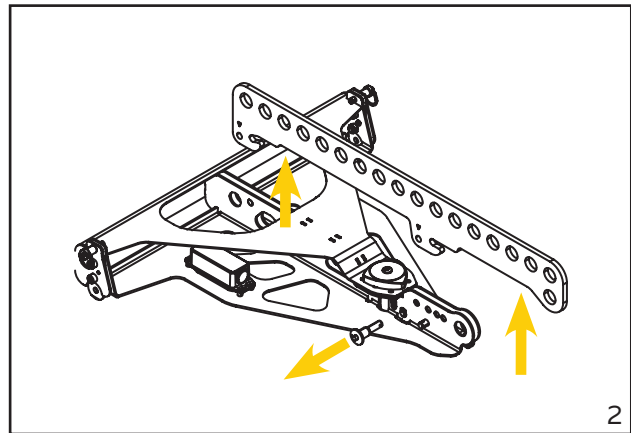
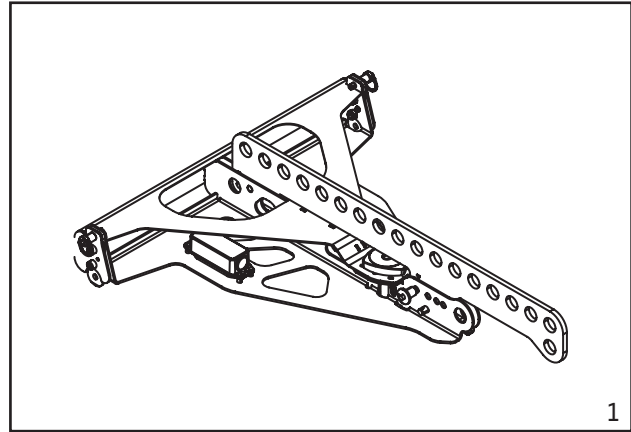
- To remove the castor wheel from the frame, press the lock on the frame, and pull the wheel to the center of the frame.



5.1.8. Extending the tilt angle on the Bump-WASP-L

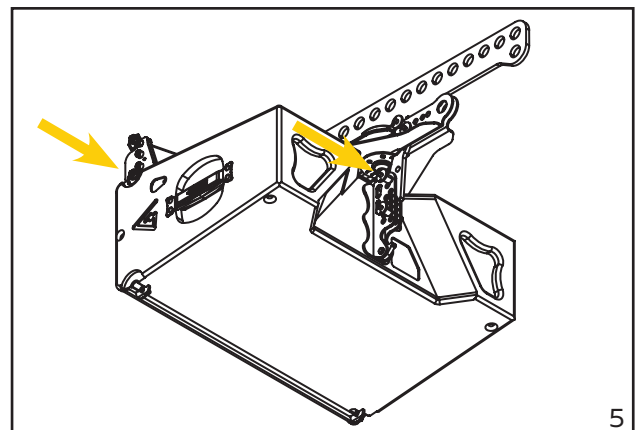
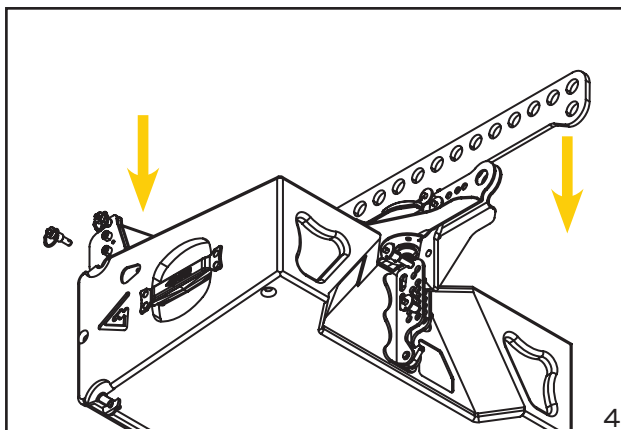
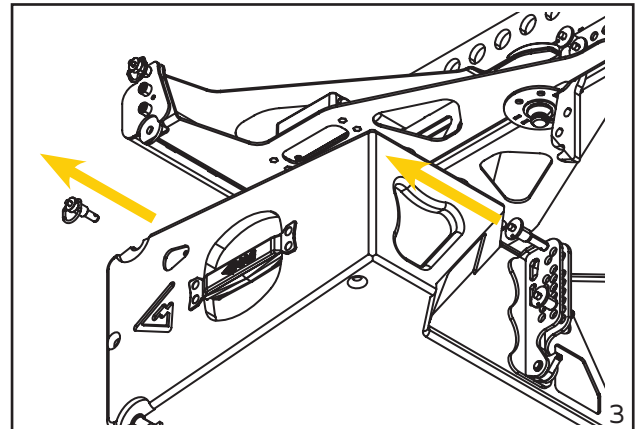
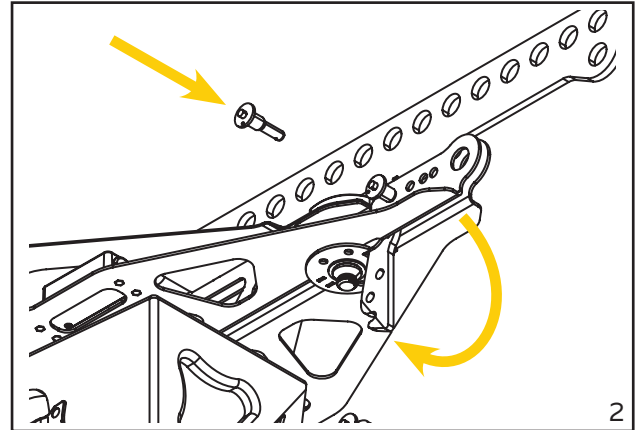
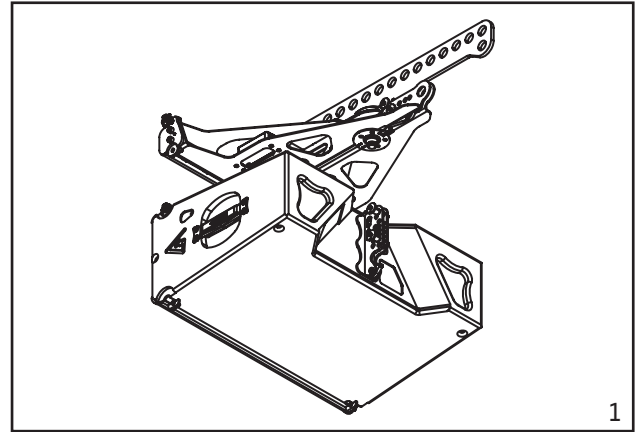
Bump-WASP-L supports a wide range of vertical tilt angles including negative (first array module looking down) and positive (first array module looking up).

- Remove the safety pin and detach the upper mounting hole plank.
- Rotate the mounting hole plank 180° and place it back onto the supports.
- Fix the mounting hole plank with the safety pin.



5.1.9. Connecting a Bump-WASP-L frame on the top of a WASP-8

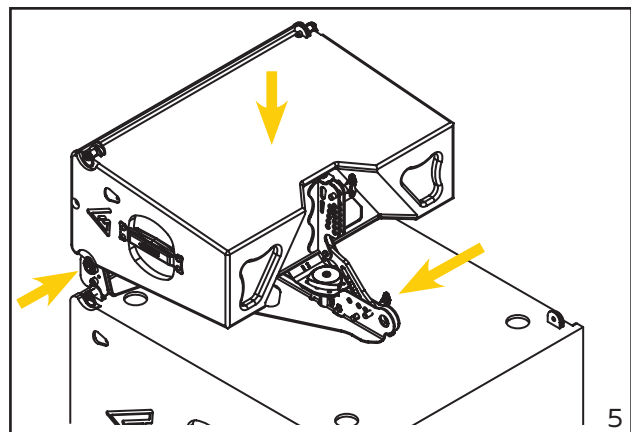
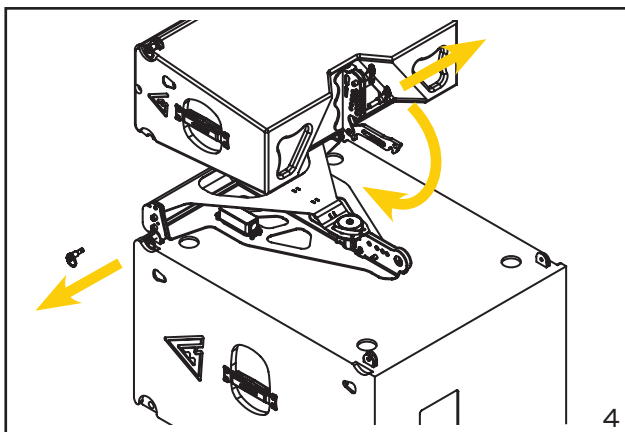
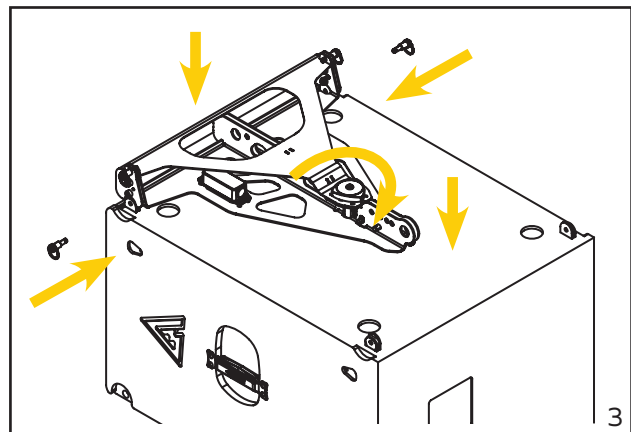
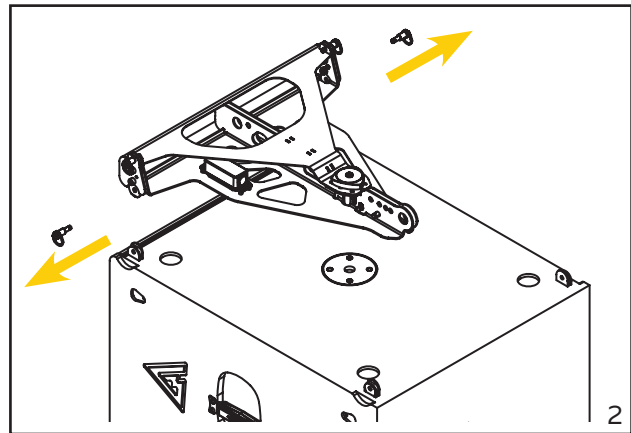
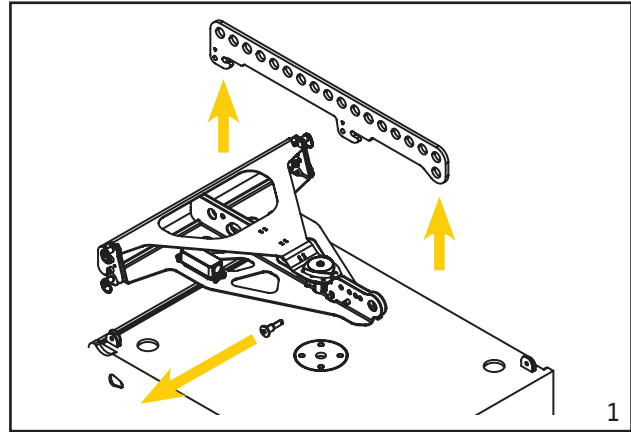
- Place the Bump-WASP-L flying frame on the top of a WASP-8, and align so the front and rear links of a WASP-8 fit into receptacles of the frame (1).
- Release a pin holding the rear mounting hook of the Bump-WASP-L frame (2).
- Remove both frontal pins and a rear pin of the WASP-8 module (3).
- Place the Bump-WASP-L frame into the receptacles of the WASP-8 module (4).
- Secure by returning both frontal pins and rear pins of the WASP-8 module into their slots (5).



5.1.10. Building the ground stack using the Bump-WASP-L frame

- Remove holding pin and remove the mounting plank of the Bump-WASP-L frame (1).
- Remove two lower side pins of the Bump-WASP-L frame (2).
- Install the Bump-WASP-L frame onto the WASP-S12/S15/S18 subwoofer. Insert the two side pins of the Bump-WASP-L frame. Use the winch to secure the Bump-WASP-L to the M20 socket of the subwoofer (3).
- Position the WASP-8 module on top of the Bump-WASP-L frame. Remove two upper side pins of the Bump-WASP-L frame. Remove the rear holding pin of the WASP-8 module and release the rear link (4).
- Install the WASP-8 module onto the Bump-WASP-L frame. Insert the two side pins of the Bump-WASP-L frame. Secure the WASP-8's rear link with the pin. (5).

You can choose between 0°, 2,5°, 5° and 7,5° for front tilt of the WASP-8 cabinet. For additional tilt angle, use the Bump-WASP-Ext15 accessory (refer to 5.1.11).



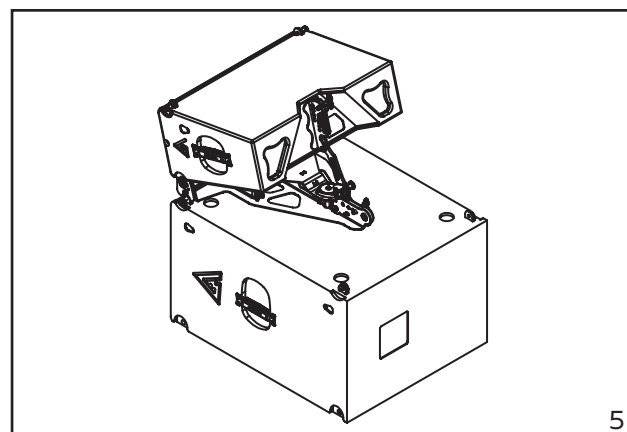
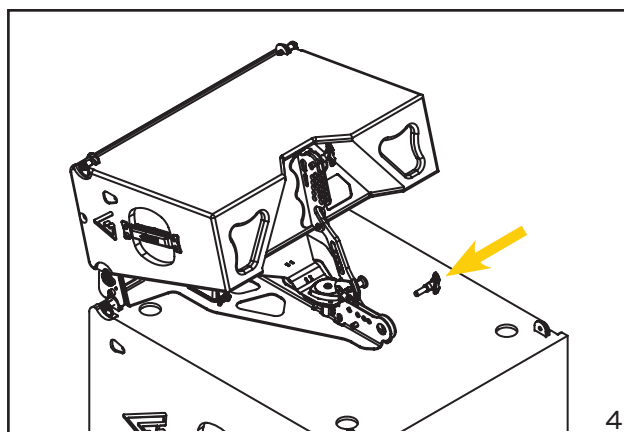
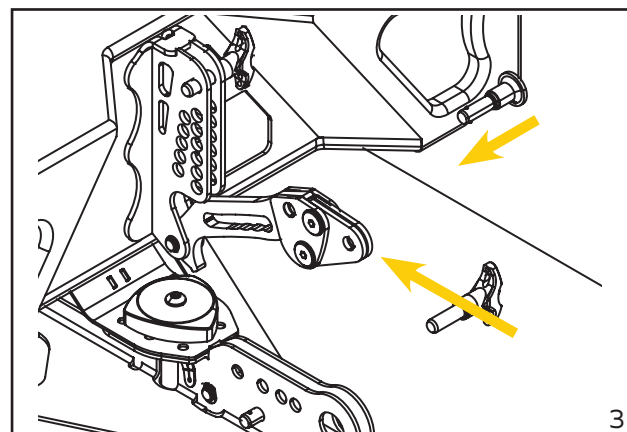
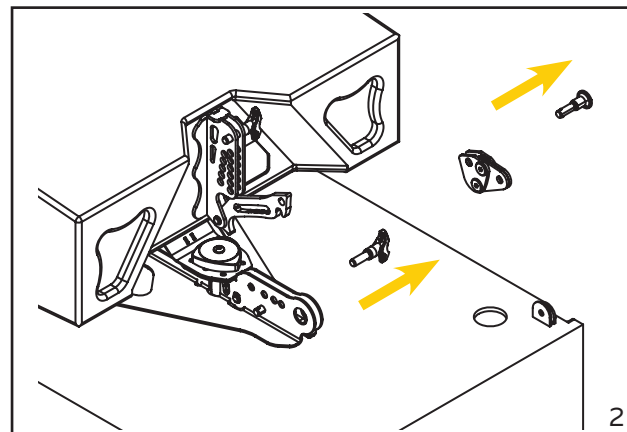
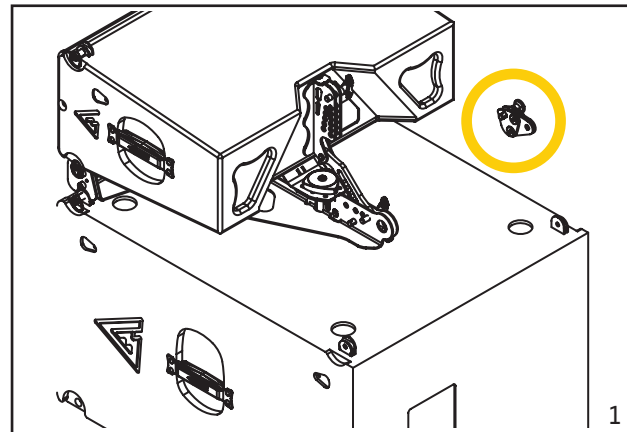
5.1.11. Using the Bump-WASP-Ext15 angle extension

Bump-WASP-Ext15 can provide up to the 15° of the frontal tilt of the WASP-8 module when building the ground stack using Bump-WASP-L, Bump-WASP-H mounting frame.

- Bump-WASP-Ext15 is attached to the rear link of the WASP-8 cabinet (1).
- Release a pin holding the rear link of the WASP-8 cabinet. Release a pin of the Bump-WASP-Ext15 (2).
- Install the Bump-WASP-Ext15 onto the rear link of the WASP-8 module. Secure using the pin (3).
- Tilt the WASP-8 module and install its rear link with connected Bump-WASP-Ext15 into the ground stack mounting hole of the mounting frame (4).

When using the Bump-WASP-Ext15, the ground stack mounting holes of the Bump-WASP-L or Bump-WASP-H provide following frontal tilt angles:

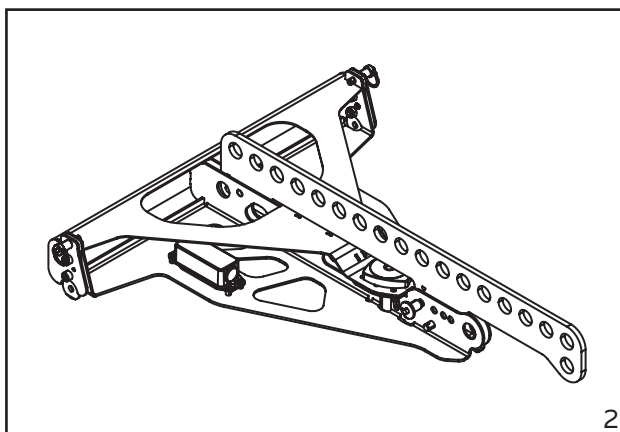
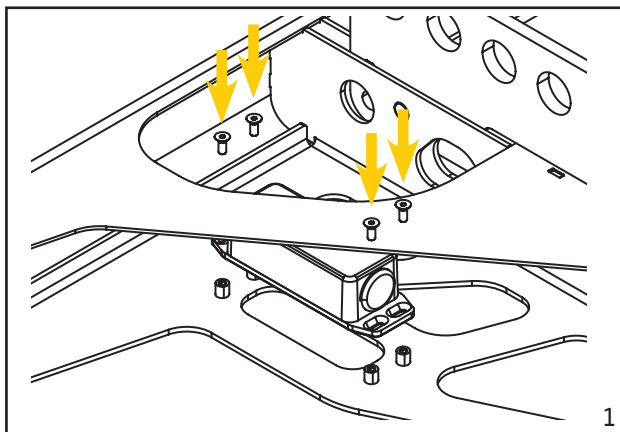
- 0° hole: 7,5° tilt
- 2,5° hole: 10° tilt
- 5° hole: 12,5° tilt
- 7,5° hole: 15° tilt



5.1.12. Installing the MN Mounting PLI 01 inclinometer

Install the PLI 01 inclinometer onto the frame using 4 pcs of M4 counter-sunk screws.

Refer to the PLI 01's user manual for more detailed instructions on it's usage.



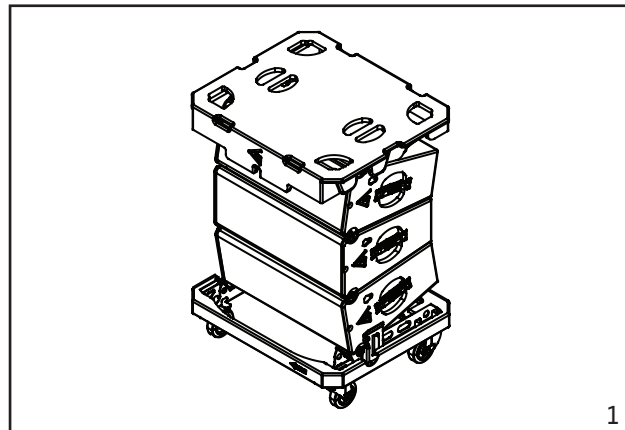
5.1.13. Using Cart-WASP-34A transportation cart

Cart-WASP-34A (ex. WSC-34 or WSC-34A) is a covered cart that can be used for convenient storage and easy transportation of WASP line array stacks. (Pic. 1)

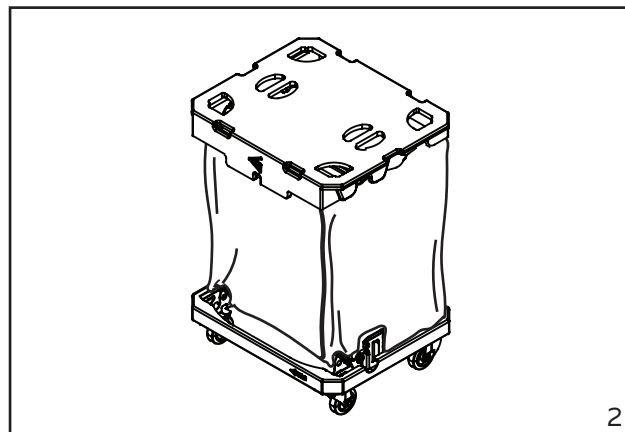
WASP-TB3 and WASP-TB4 transportation covers are available for 3 and 4-unit WASP stacks to be transported with Cart-WASP-34A (ex. WSC-34 or WSC-34A). (Pic. 2)

- Attach the lower WASP module to the Cart-WASP-34A (ex. WSC-34 or WSC-34A) by inserting two VA-0010 8 mm pins to the front links and securing the rear link with one VA-0018 10 mm pin. You can see (Pic. 3, 4)

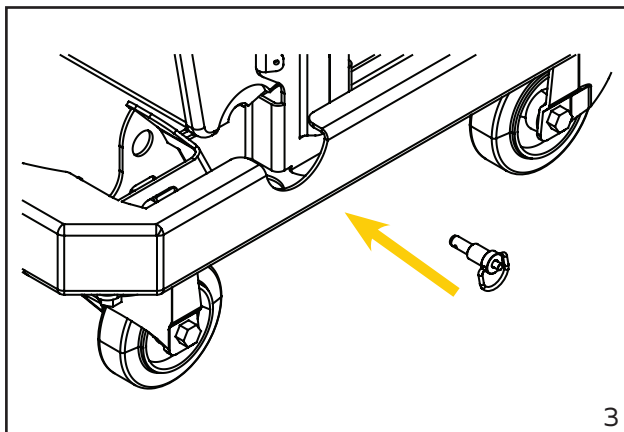
- Attach the upper WASP module to the Cart-WASP-34A (ex. WSC-34 or WSC-34A) wooden cover by inserting two VA-0010 8 mm pins to the front links and securing the rear link with one VA-0018 10 mm pin. (Pic. 5, 6)



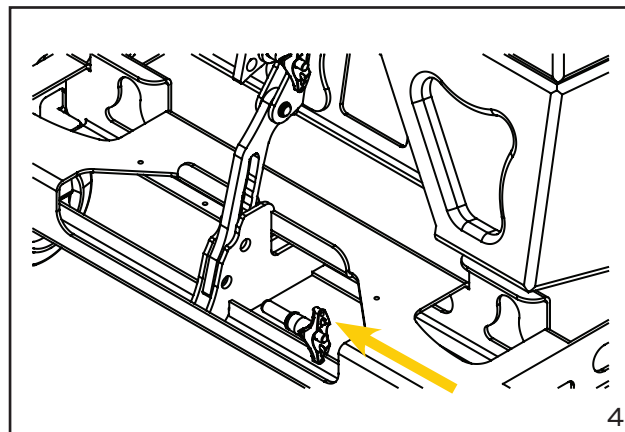
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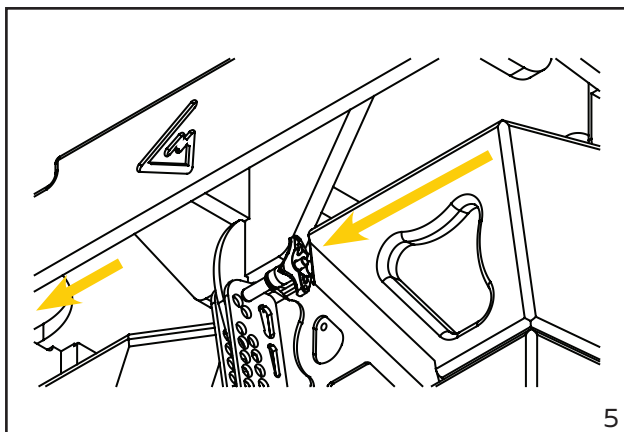
2



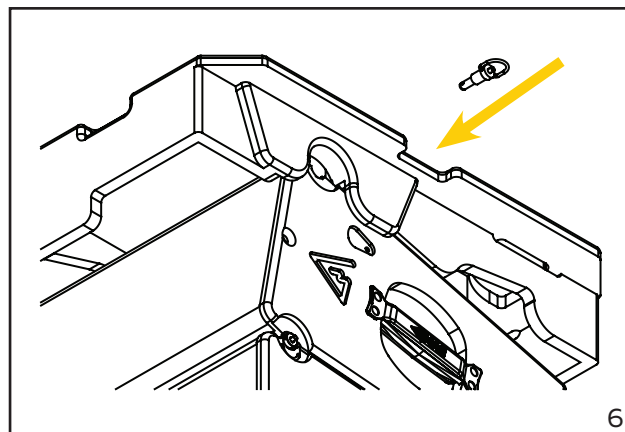
3



4

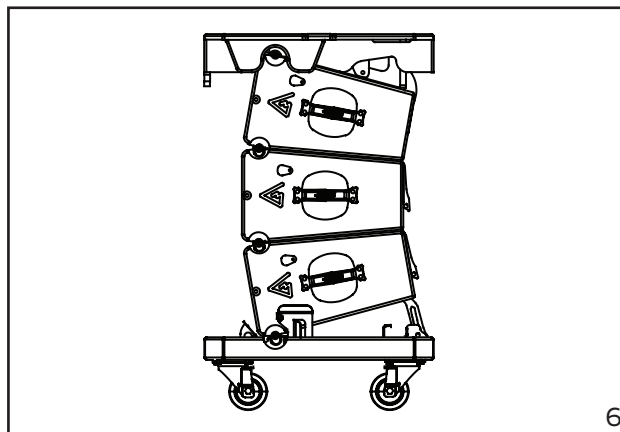


5

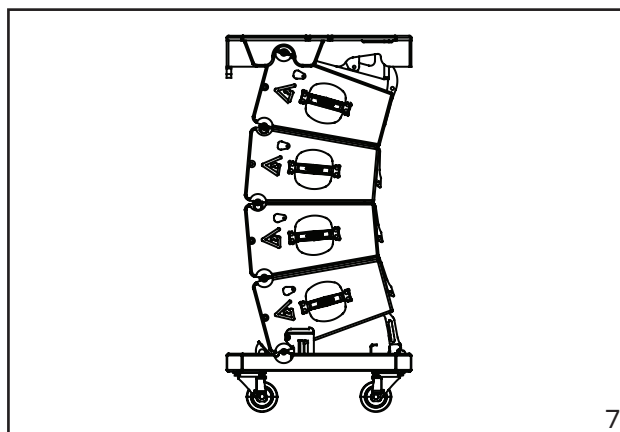


6

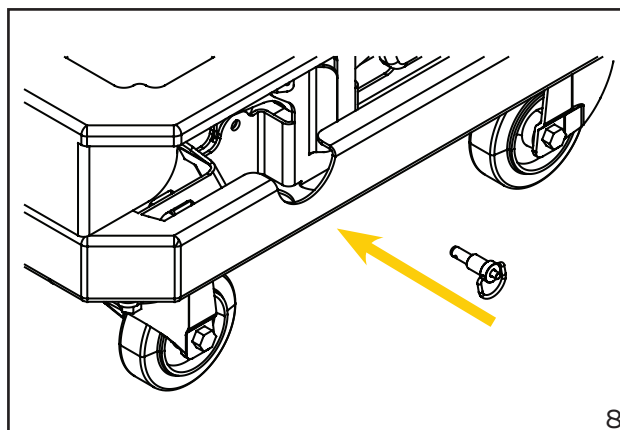
- For 3 module WASP stacks, choose a 10° angle between cabinets. (Pic. 6)



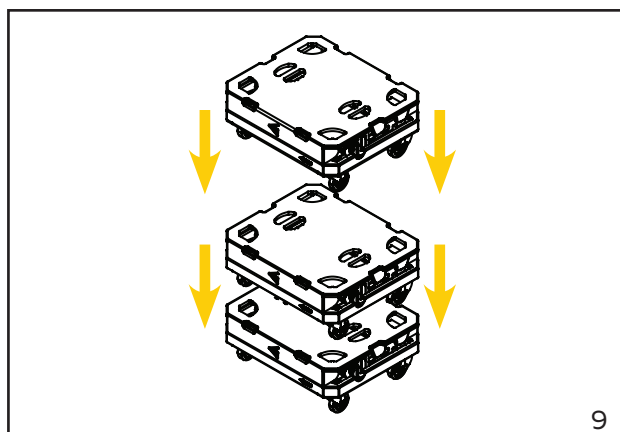
- For 4 module WASP stacks, choose a 10° angle between cabinets. (Pic. 7)



- For storage of Cart-WASP-34A (ex. WSC-34 or WSC-34A), link the wooden cover with a steel cart using two VA-0010 pins. (Pic. 8)



- For compact storage, Cart-WASP-34A (ex. WSC-34 or WSC-34A) can be stacked on one another using sockets for castor wheels for positioning. You can see (Pic. 9)

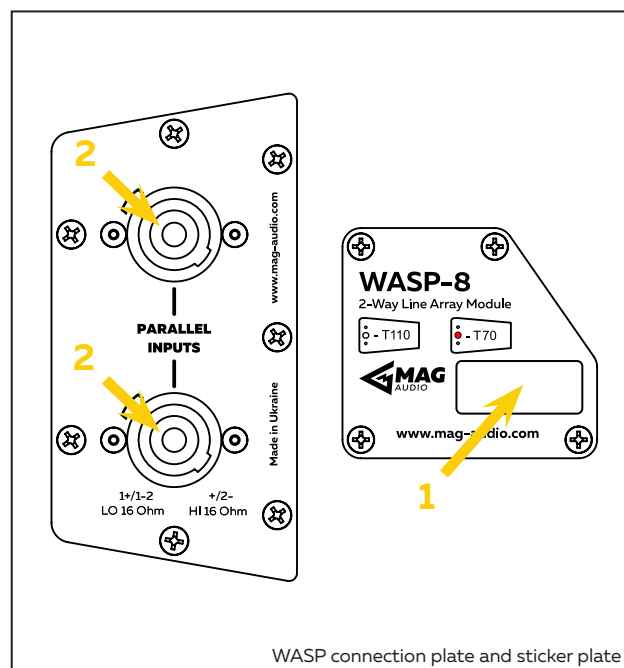


5.2. Connection

5.2.1. Connection plate and sticker plate

1. SERIAL NUMBER FIELD. The sticker with the system's serial number is located here. NEVER REMOVE THE SERIAL FROM THE SYSTEM, AS IT IS AN IMMEDIATE WARRANTY VOID.

2. PARALLEL INPUTS. The pair of parallel Neutrik® Speakon connectors. Use these connectors to connect the power amplifier and to feed the signal to the parallel systems.



5.2.2. Passive connections

Suggested accessories:

CN-0021 (part No. 00-00004268)

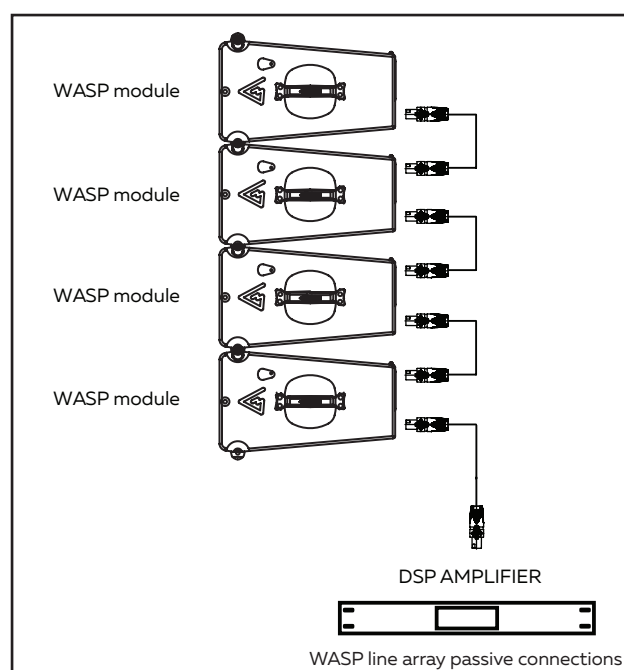
CN-0031 (part No. 00-00004271)

CN-0032 (part No. 00-00004272)

Use a power amplifier with DSP or power amplifiers with an external speaker processor with the WASP line array.

MAKE SURE TO USE A HIGH-PASS FILTER FOR WASP TO PREVENT EXCESSIVE CONE MOVEMENT, RESULTING IN TRANSDUCER DAMAGE OR FAST DETERIORATION.

Recommended HPF settings, suggested power amplifier ratings and connection pins are in the table below.



5.2.3. Connection details

System	Amplifier power	Amplifier impedance	Connection pins	Recommended HPF
WASP LF	600 - 1200 W	16 Ohm	+1 -1	Specified by preset
WASP HF	100 - 200 W	16 Ohm	+2 -2	Specified by preset
WASP-S12	950 - 1900 W	8 Ohm	Rear +1 -1	Specified by preset
WASP-S12		Link	Rear +2 -2	
WASP-S12		Link	Front +1 -1	
WASP-S12	950 - 1900 W	8 Ohm	Front +2 -2	Specified by preset
WASP-S18	1300 - 2600 W	8 Ohm	Rear +1 -1	Specified by preset
WASP-S18		Link	Rear +2 -2	
WASP-S18		Link	Front +1 -1	
WASP-S18	1300 - 2600 W	8 Ohm	Front +2 -2	Specified by preset

6. Standard contents

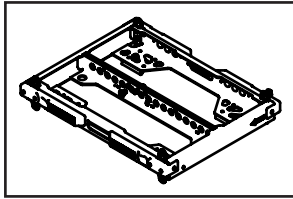
Please check the complete complement of your WASP system upon receiving the package.

Standard contents of a WASP line array module:

System	WASP user manual	Mounting pins	Plastic bag	Carton box
WASP-8	+	VA-0010 8 mm pin - 4 pcs. VA-0018 10 mm pin - 2 pcs.	+	+
WASP-S12	+	VA-0010 8 mm pin - 4 pcs.	+	+
WASP-S15	+	VA-0010 8 mm pin - 4 pcs.	+	+
WASP-S18	+	VA-0010 8 mm pin - 4 pcs.	+	+

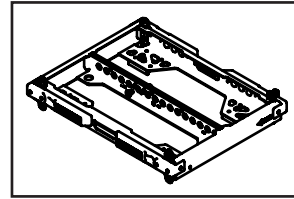


7. Accessories



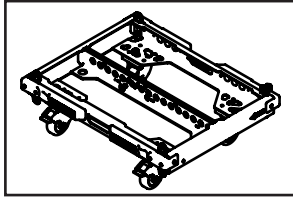
WSF-02 (discontinued)
Versatile frame

Part No. 00-0029677



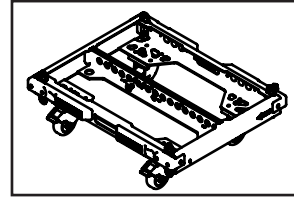
Bump-WASP-H
Versatile frame

Part No. 00-0029677



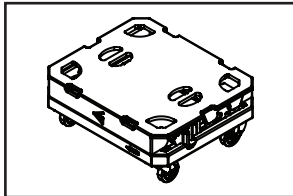
WSF-02-CW
Transportation frame
(discontinued)

Part No. 00-0029678



Bump-WASP-H-CW
Transportation frame

Part No. 00-0029678

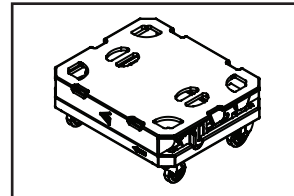


WSC-34 (discontinued)
Transportation cart

Part No. 00-0008633

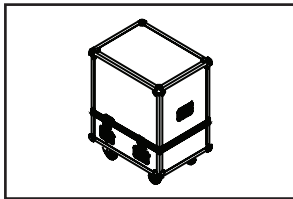
WSC-34A (discontinued)
Transportation cart w/ auto wheels

Part No. 00-0008634



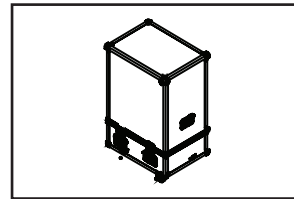
Cart-WASP-34A
Transportation cart w/ auto wheels

Part No. 00-0008634



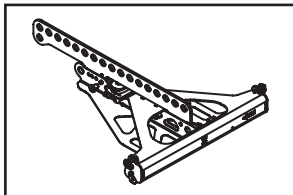
WASP-FC3
WASP 3x Flying case

Part No. 00-0006207



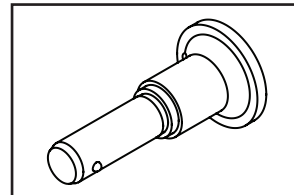
WASP-FC4
WASP 4x Flying case

Part No. 00-0003967



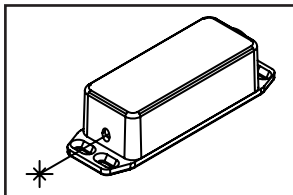
Bump-WASP-L
Versatile frame

Part No. 00-0029676



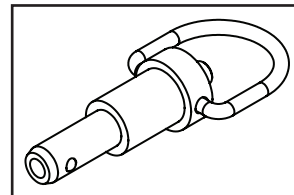
VA-0018
10 mm pin

Part No. 00-00002877



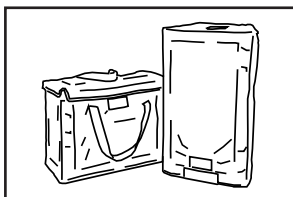
MN Mounting
PLI 01 inclinometer

Part No. 00-0029676



VA-0010
8 mm pin

Part No. 00-00002878



WASP-S12-TB3 - Transportation cover for 3x WASP-S12 - Part No. 00-0008347
 WASP-S12-TB2 - Transportation cover for 2x WASP-S12 - Part No. 00-0008348
 WASP-S18-TB3 - Transportation cover for 3x WASP-S18 - Part No. 00-0008349
 WASP-S18-TB2 - Transportation cover for 2x WASP-S18 - Part No. 00-0008350
 WASP-TB3 - Transportation cover for 3x WASP - Part No. 00-0008351
 WASP-TB4 - Transportation cover for 4x WASP - Part No. 00-0008352

8. Warranty and assistance



8.1. Product warranty

1. By this warranty MAG Audio grants that all equipment manufactured under the MAG Audio trademark is free from defects in material, components, and factory workmanship under the normal use and maintenance for the time as specified below.

2. All warranty repairs and maintenance of MAG Audio products shall be carried out at MAG Audio production sites or by MAG Audio authorized personnel at no cost to the product purchaser.

3. The warranty period for cone transducers, high-frequency drivers, and crossovers, whether sold separately or as a component of a speaker system, is 60 months from the production date.

4. The warranty period for enclosures, grills, connection plates, and accessories, whether sold separately or as a component of a speaker system, is 60 months from the production date.

5. The warranty period for built-in power amplifiers, whether sold separately or as a component of a speaker system, is 36 months from the production date.

6. Warranty repairs or maintenance will be performed only if a) the MAG Audio product was purchased from an official MAG Audio distributor/dealer and b) the warranty card with specified serial number, production date, realization date, vendor's signature, and stamp is presented.

7. Warranty shall not cover the following: damage caused by accident, misuse, or failure to follow exploitation rules stated in the technical manual; repairs performed by non-authorized personnel; mechanical damage caused by shipping accidents and normal tear and wear.

8. Warranty shall not apply to any product with a defaced, removed, or modified serial number.

9. If your MAG Audio product needs repairs or maintenance, contact your official MAG Audio distributor/dealer. Please do not ship your MAG Audio product without prior authorization.

8.2. Assistance

There are no user-serviceable parts in your device. Refer servicing to qualified technical personnel. In addition to the in-house service department, MAG Audio supports the chain of distributors, authorized in repairs and service. If your device needs repair contact your MAG Audio dealer or distributor.

Occasionally, due to the nature of the failure, it might be necessary to return defective products to MAG Audio for repair. In this case, before shipping, please kindly contact your MAG Audio distributor or dealer, or MAG Audio directly. You will be provided the RMA number code and detailed instructions regarding your particular case. Please do not send products without a prior authorization.

Thank you for your understanding, cooperation, and choice of MAG Audio products.



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