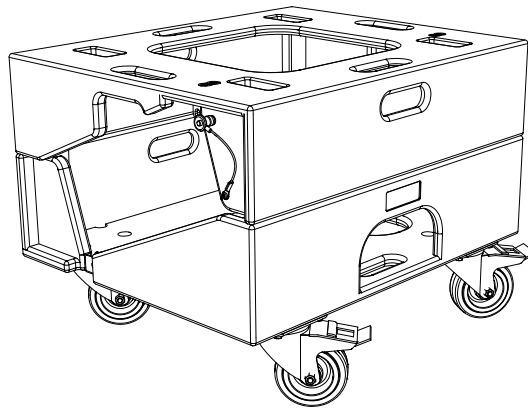# TW AUDiO®

VERA DLV20 | Operation manual

Introduction

Thank you for choosing a high-quality product "MADE IN GERMANY" from the brand TW AUDiO.

The VERA DLV20 dolly is an accessory for the VERA20 loudspeaker.

It is characterized by a subtle look, a remarkable size to weight ratio and ease of use.

If you lend your product to another party, inform that party of the safety-related operating procedures and hand over this assembly guide. If you require additional copies of this manual, you can obtain them free of charge from TW AUDiO or download them from www.twaudio.de

Instructions in this user manual

Strictly adhere to the instructions contained in this operating manual that are marked as follows:

WARNING

This symbol in combination with the signal word "Warning" identifies a potentially hazardous situation. Failure to comply with this safety instruction can lead to serious injury or even death.

CAUTION

This symbol in combination with the signal word "Caution" identifies a potentially hazardous situation. Failure to comply with this safety instruction can lead to light or moderate injury.

NOTE

This symbol in combination with the signal word "Note" identifies a potentially hazardous situation. Failure to comply with this safety instruction can lead to product damage.

TIP

This symbol in combination with the signal word "Tip" identifies additional information or notes that will simplify working with TW AUDiO products on the basis of practical experience.

Notes on the products

Read manual before use!

Before using the dolly, carefully read the operation manual and keep it in a safe place together with the VERA DLV20 dolly.

General information

Operation manual: OM-VERA DLV20
Version 2.0 en, 11/2022
© by TWAMBO 2022; all rights reserved.

All information contained in this operating manual was correct to the best of our knowledge at the time of printing.

Quality warranties or assurance of suitability for a certain type of use based on the technical specifications, dimensions and weights are not granted by TWAMBO.

TWAMBO also shall not assume liability for any secondary damage (property damage and/or personal injury) nor for the failure to comply with this operating manual!

TWAMBO reserves the right to update this document based on recent developments.

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Content

1. Safety | Intended use

Please adhere to the following safety instructions to avoid risks when using accessories.

The VERA DLV20 dolly was developed for use in professional sound systems. The dolly may only be used by trained and qualified personnel.

Note the operating modes described in this assembly instructions. Other uses are not permissible.

Damage caused by improper use is not covered by TWAMBO.

! WARNING

Before each use, check the integrity of the VERA DLV20 dolly and ensure that all components are in perfect condition.

! WARNING

The VERA DLV20 dolly may only be used with the VERA20 loudspeaker.

These assembly instructions describe how to use the VERA DLV20 dolly. Any other use shall be deemed improper and may result in damage or even injury.

Modifications or alterations to individual parts of the VERA DLV20 dolly are not permitted! Danger to life!

! WARNING

During and after each system setup, check that all quick-lock pins are always completely inserted! All quick-lock pins must always be used!

! CAUTION

The VERA DLV20 is an accessory designed both for indoor and outdoor use.

! WARNING

The VERA DLV20 dolly may only be used by trained and qualified personnel. Personnel must check the VERA DLV20 for its full suitability before each use.

! WARNING

When visible damage to any part of the VERA DLV20 dolly is detected, it must be decommissioned immediately.

WARNING

When moving the VERA DLV20 dolly, ensure full load-bearing capacity and stability of the substrate.

The VERA DLV20 dolly is specified for a load of not more than four VERA20 loudspeakers. This load capacity must never be exceeded!

WARNING

During movement (assembly or dismantling, transport to the place of use) of the VERA DLV20 dolly with VERA20 loudspeakers, ensure sufficient space to prevent collisions with other objects.
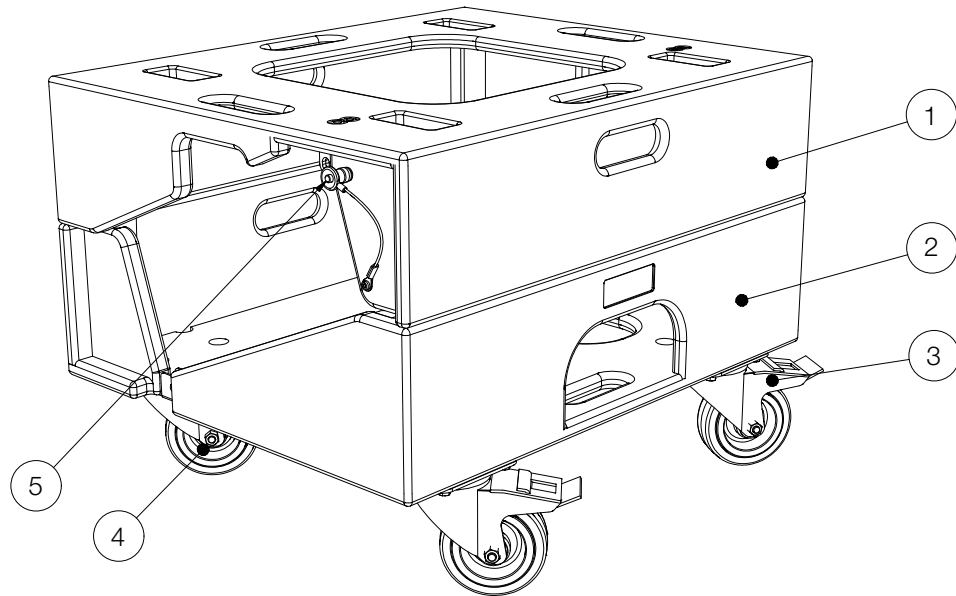
2. Overview

2.1 Components

Figure 2.1 - Overview

1. Transport dolly top part - Polyurea coated surface
2. Transport dolly bottom part - Polyurea coated surface
3. Swivel castors with brakes, 100mm (2 pieces)
4. Swivel castors, 100mm (2 pieces)
5. Captive quick-locking pins

3. Technical specifications

3.1   Data sheet

Maximum load capacity	4x VERA20
Dimensions (h x w x d)	600 x 500 x 440 mm [23.62 x 19.67 x 17.32 in]
Weight	15,3 kg [33.73 lbs]
Surface	Polyurea-coated

4. Commissioning

4.1 Mounting VERA20 loudspeaker on the VERA DLV20 dolly

To prepare the VERA20 loudspeakers for transport on the dolly, proceed as follows:

NOTE

1. Press down the locking brakes on the two castors with your foot. This will secure the dolly from rolling away.
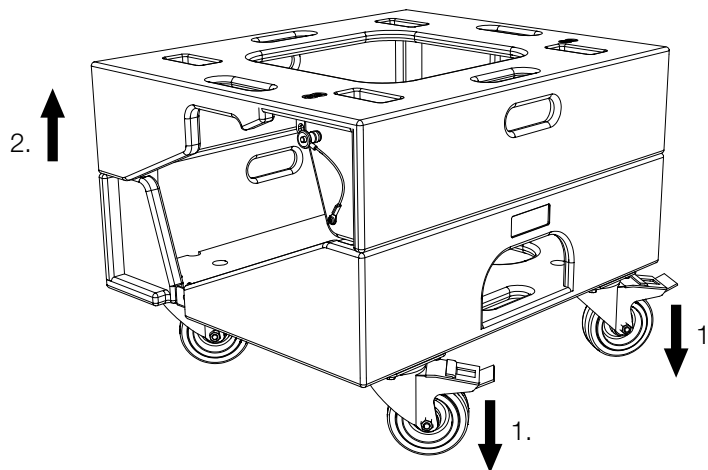
2. Lift off the top of the dolly.

Figure 4.1.1 - Dolly

NOTE

3. Loosen the two quick-locking pins at the front of four VERA20 loudspeakers.

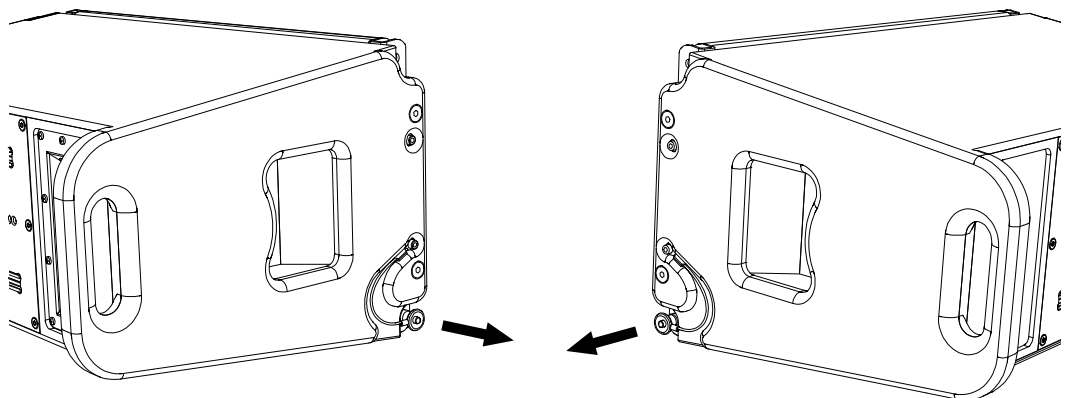4. Both splay links in the front rigging tracks must be extended downwards.

Figure 4.1.2 - Loosen quick-locking pins

WARNING

5. Please note that setting up the VERA DLV20 dolly with VERA20 loudspeakers always requires two persons!

NOTE

6. Have two persons place the first VERA20 loudspeaker on the lower part of the VERA DLV20 dolly.

WARNING

7. Insert the VERA20 loudspeaker´s two front quick-locking pins into the holes of the VERA DLV20 dolly.

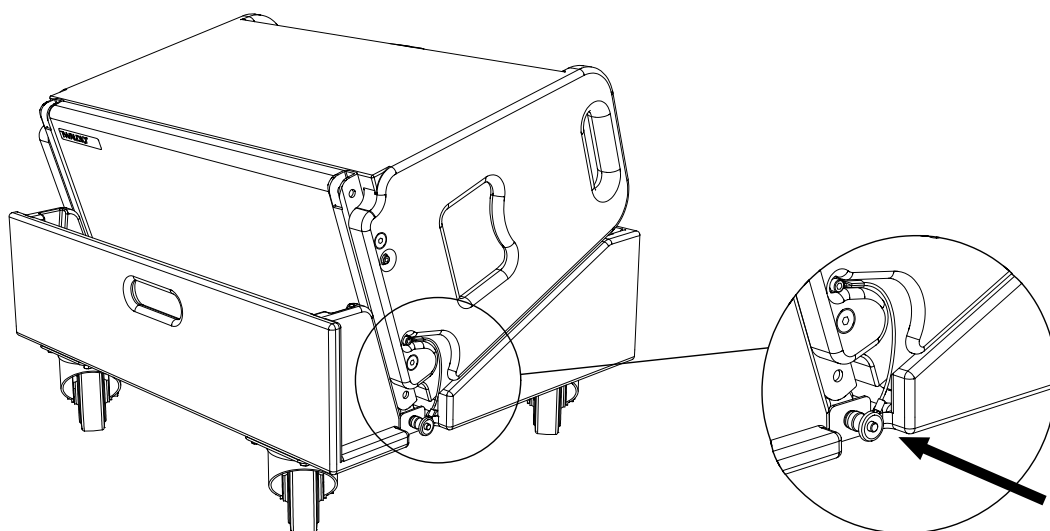8. Check that all quick-locking pins are always completely inserted!

Figure 4.1.3 - First VERA20 loudspeaker on VERA DLV20 dolly

NOTE

9. Have two persons place the second VERA20 loudspeaker on the first one.

10. Pull back the VERA20 loudspeaker until its front splay links align with the rigging tracks of the lower loudspeaker.
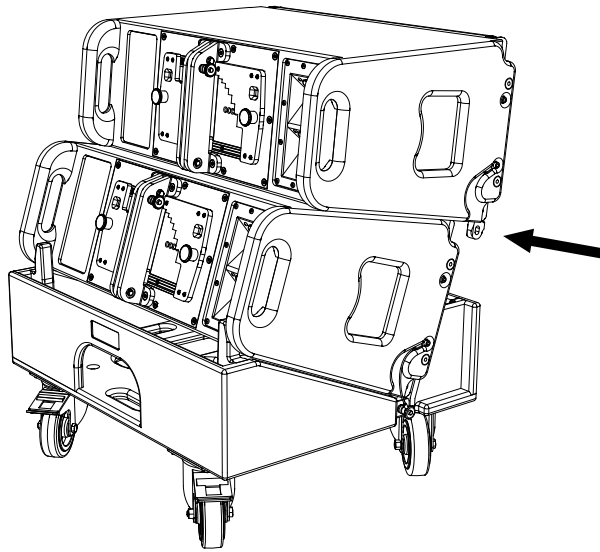

Figure 4.1.4 - Second VERA20 loudspeaker on VERA DLV20 dolly

! WARNING

11. Insert the VERA20 loudspeaker´s two front quick-locking pins into the holes of the lower loudspeaker.

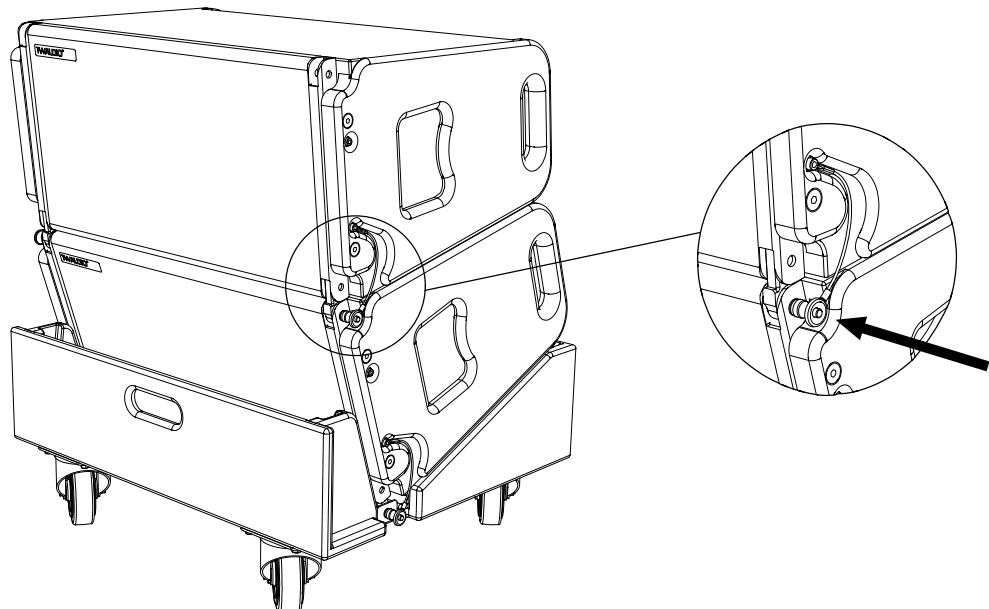12. Check that all quick-locking pins are always completely inserted!

Figure 4.1.5 - Insert quick-locking pins

WARNING

13. Follow steps 9 to 12 to mount the third and fourth VERA20 loudspeaker in the same manner.

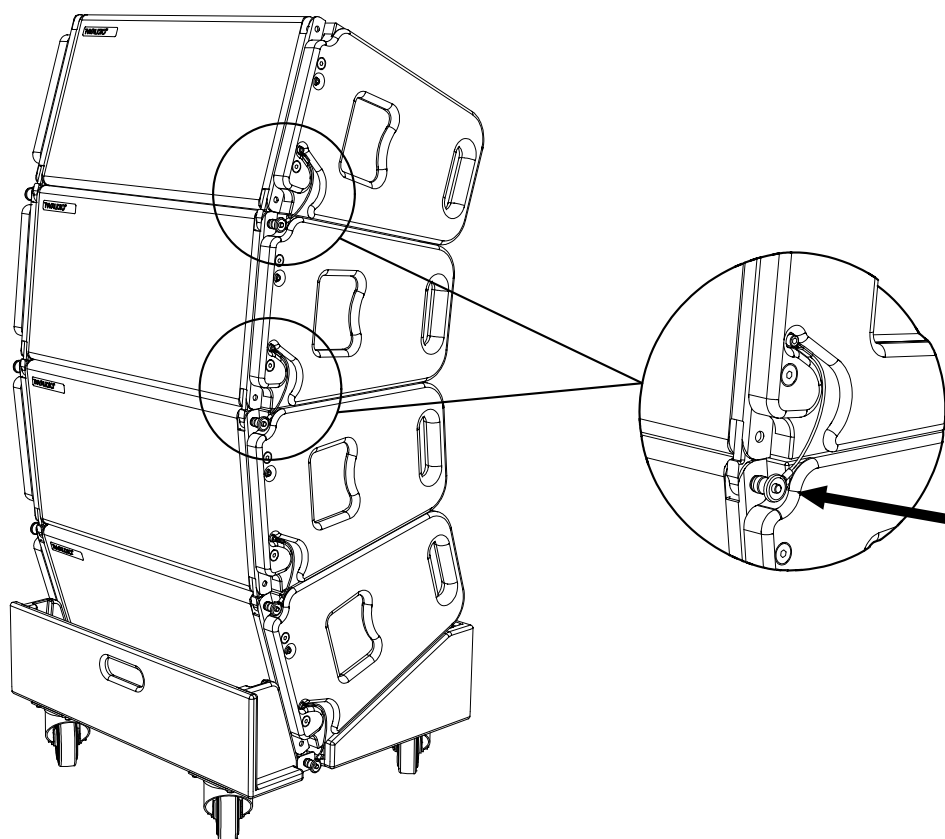14. Check that all quick-locking pins are always completely inserted!

Figure 4.1.6 - Third and fourth VERA20 loudspeaker on VERA DLV20 dolly

NOTE

15. Move all right-hand sliders completely to the right and all left-hand sliders completely to the left.

16. Loosen the quick-locking pin on the main carrier of the upper three loudspeaker´s back rigging and fold out the hook completely downwards until each of the three hooks touches the back rigging support plate.
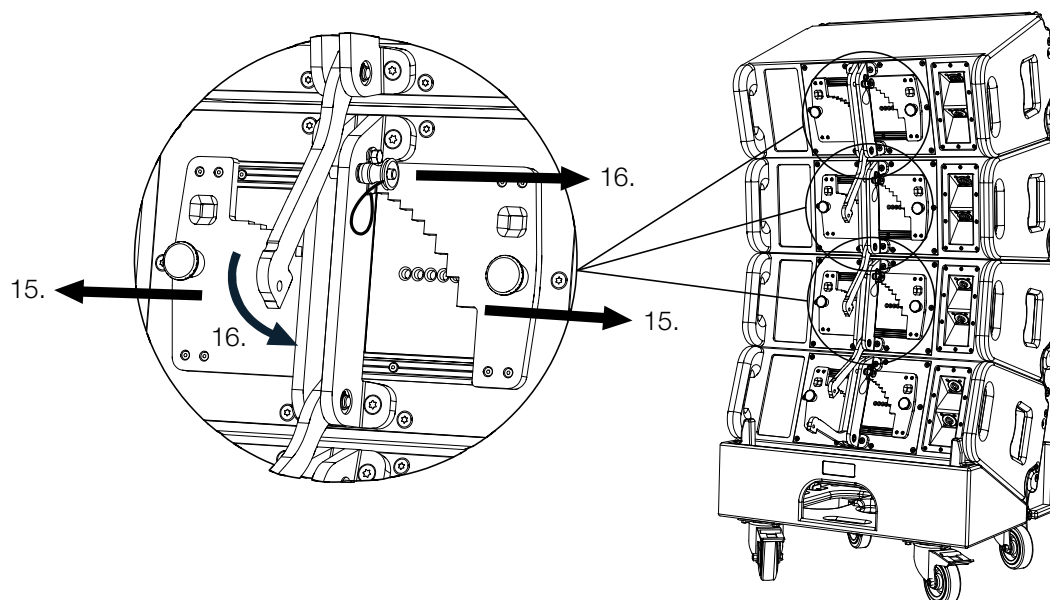

Figure 4.1.7 - Open sliders

WARNING

17. Insert the quick-locking pin on the main carrier of the upper three VERA20 loudspeaker´s back rigging so that all three hooks are fixed.

18. Check that all quick-locking pins are always completely inserted!

WARNING

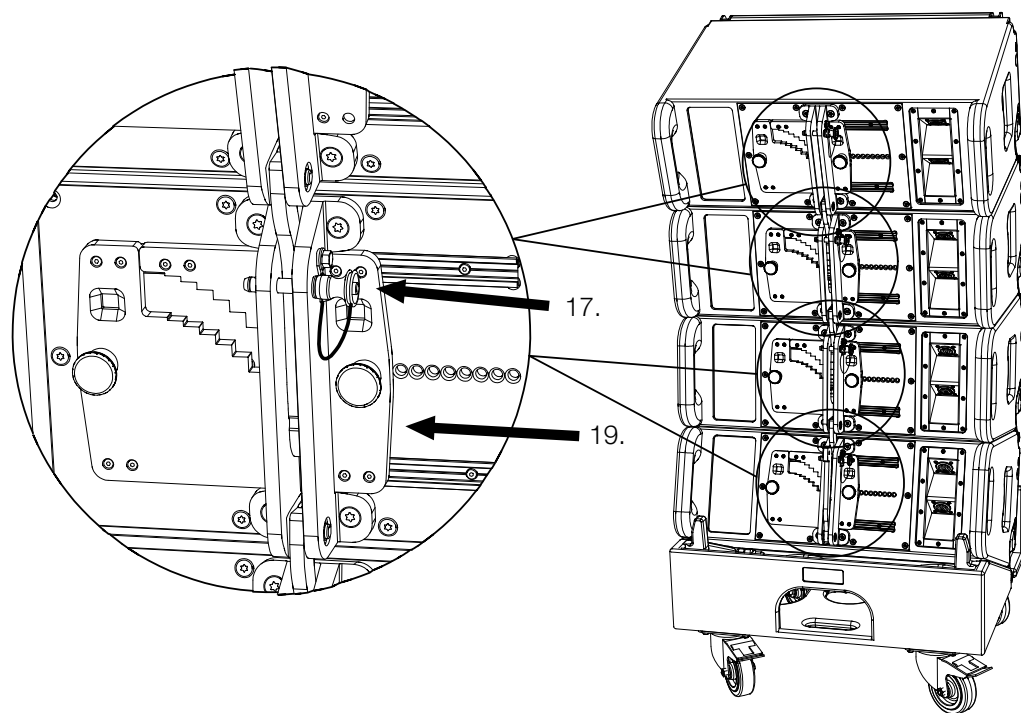19. Push all slides on the right completely to the left, so that the back rigging is closed.

17.

19.

Figure 4.1.8 - Insert quick-locking pins and close slides

WARNING

20. Make sure that the top three hooks attach to the support plate, that all quick-locking pins have been pushed through completely and that all right slides are closed! This ensures that all VERA20 loudspeakers and the VERA DLV20 dolly form a firmly connected unit.

NOTE

21. Fold back the hook on the back rigging of the bottom speaker so that it rests against the quick-locking pin.

NOTE

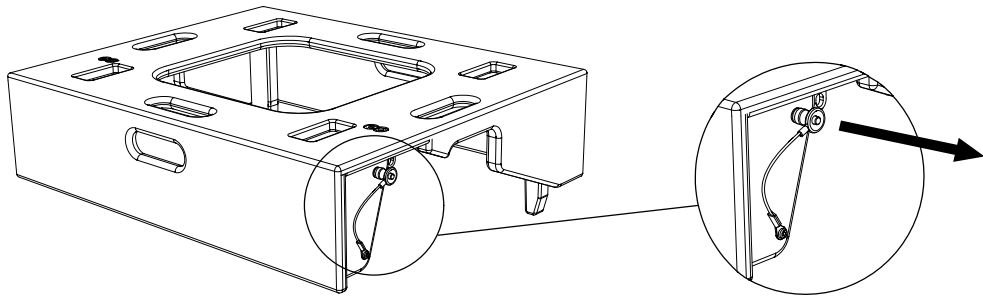22. Remove both quick-locking pins on the left and right of the VERA DLV20 dolly´s top.

Figure 4.1.9 - VERA DLV20 dolly top part

NOTE

23. Put the top part of the dolly onto your system structure.

WARNING

24. Insert the two quick-locking pins of the VERA DLV20 dolly into the holes of the upper VERA20 loudspeaker.

25. Check that all quick-locking pins are always completely inserted!

NOTE

26. Pull the Cover4V20 Cover over the dolly and close it.

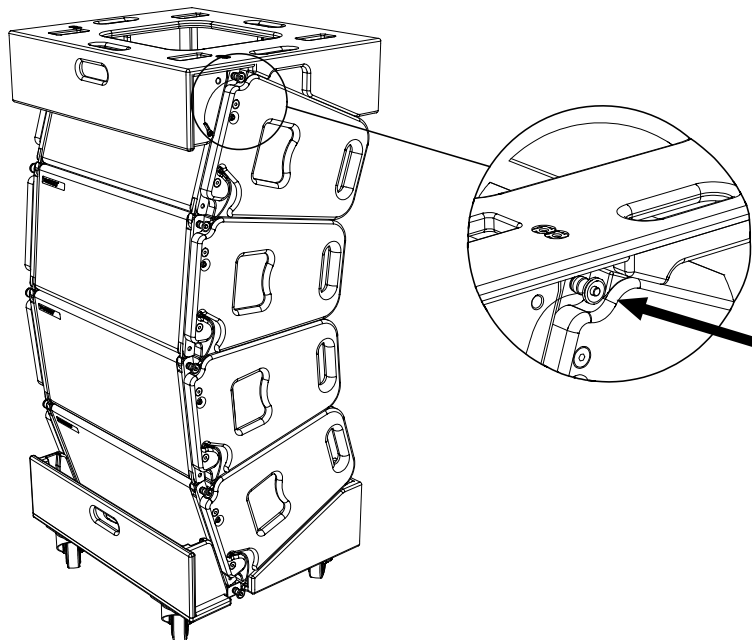27. Lift the locking brakes on the two castors with your foot. This will unlock the dolly.

Figure 4.1.10 - Fully assembled VERA DLV20 dolly

5. Transport and Storage

NOTE

Ensure that the surface of the dolly is not damaged during transport and storage. Moisture can penetrate exposed wood surfaces and cause the wood to swell.

This is why the product should be transported and stored in a safe, careful, dry and largely dust-free manner.

The following accessories are available from TW AUDiO for the dolly:

• Cover4V20 (Cover)

The original packaging is unsuitable as permanent storage and transport packaging.

6. CE Declaration of Conformity

Copy and translation of the original CE Conformity Declaration:

We hereby declare that the below-referenced components by virtue of their design and construction, and in the configuration placed on the market by us, satisfy the safety and health requirements of the applicable EC directives. This declaration becomes invalid in case of modifications that have not been approved by us.

This declaration applies to the following components

• VERA DLV20

as well as all model variants based on these, provided that they correspond to the original factory models and have not been technically modified in any way.

Applicable directives:

• 2001/95/EG

Applicable national standards and technical specifications:

• DIN EN ISO 12 100
• DGUV Vorschrift 17 und 18

Berlin, Germany, January 1st, 2021

Bernhard Wüstner

7. Disposal

If you have any question regarding the disposal of used devices, please contact us under the following telephone number:

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In countries outside of the European Union, comply with local regulations.

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