

Z5375

T Base plate

Mounting instructions (1.1 EN)

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General Information

Z5375 T Base plate
Mounting instructions

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Keep this manual with the product or in a safe place so that it is available for future reference.

d&b audiotechnik GmbH
Eugen-Adolff-Strasse 134, D-71522 Backnang, Germany
Telephone +49-7191-9669-0, Fax +49-7191-95 00 00
E-mail: docadmin@dbaudio.com, Internet: www.dbaudio.com

Z5375 T Base plate

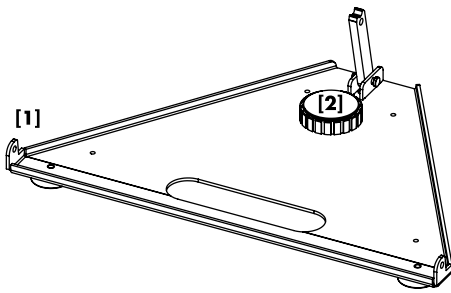
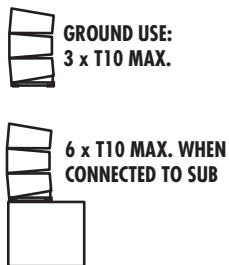


Fig. 1: Z5375 T Base plate



NOT FOR FLOWN USE

Fig. 2: Z5375 T Base plate, intended use

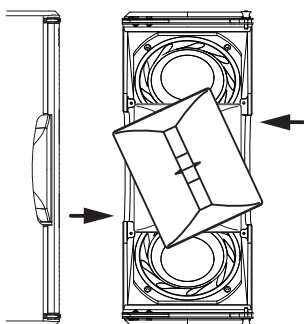


Fig. 3: Rotating the horn
(shown without front grill for better illustration)

1. Scope of supply

Please verify the shipment for completeness and proper condition of the items.

Qty.	d&b Code	Description
1	Z5375	T Base plate [1]
1		including hand bolt M20 x 25 [2]
1	D2999.INT	Mounting instructions

2. Intended use

The Z5375 T Base plate must only be used in conjunction with d&b T10 loudspeakers as described in these mounting instructions.

Installation and setup should only be carried out by qualified and authorized personnel observing the valid national Rules for the Prevention of Accidents (RPA).

The Z5375 T Base plate is designed to support up to three T10 Line array cabinets in a ground stacked setup and is equipped with three rubber feet.

The Z5375 T Base plate is not intended for flown use.

The angle of the lowest cabinet can be set in the range from +5° to -8°.

When used on top of d&b subwoofers such as Q-SUB, E15X-SUB, B4-SUB or V-SUB, the T Base plate is secured to the subwoofer using the M20 flange in the top panel of the subwoofer. It can then support a column of up to six T10 cabinets.

3. Preparations

T10 cabinets

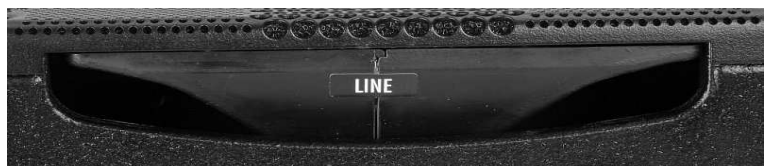
Altering the HF dispersion on T10 cabinets

When setting up T-Series arrays and ground stacks set the T10 cabinets to line source mode.

Swapping between point and line source setups is performed by simply rotating the horn by 90°. The horn is easily accessible from outside of the cabinet and can be rotated without any tools or removal of the front grill.

This is achieved through apertures on the cabinet sides by a mechanism that provides detents at both the line and point source positions.

The line source mode is indicated by a label on the horn marked with LINE as shown in the picture below.



Functionality of the cabinet's rigging mechanism

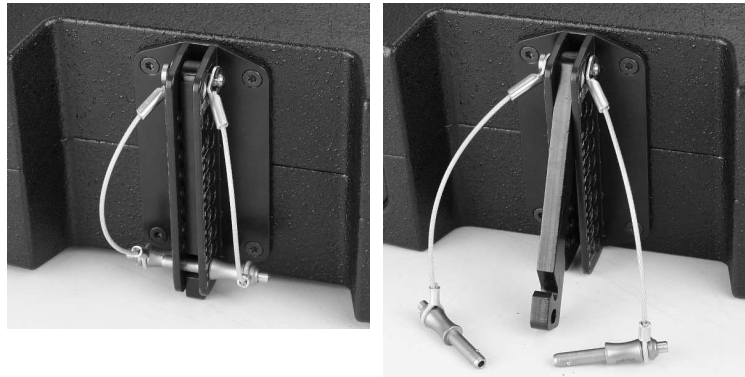
Front link mechanism

- Slide out the Front link until it is fixed in place.



Splay link mechanism

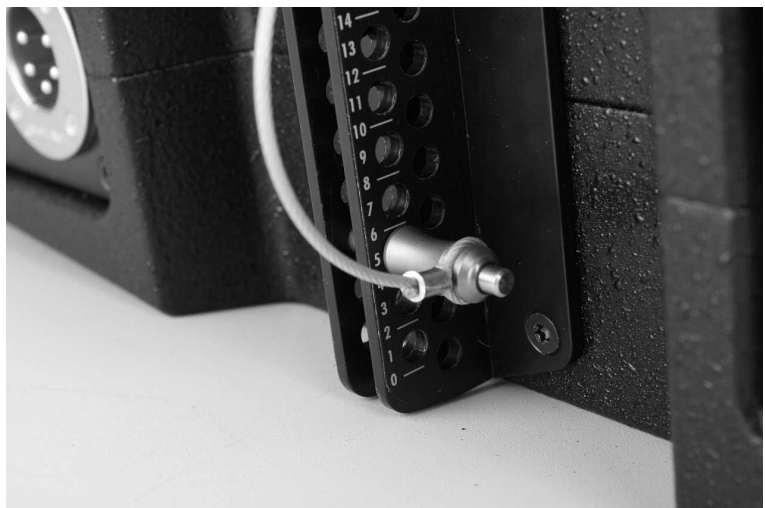
- Release both Locking pins and fold out the Splay link.



Preset play angles on T10 cabinets

The splay angles between T10 cabinets can be set in the range from 0° to 15° in 1° steps.

The splay angles are set at the central rear rigging strands of the T10 cabinets.

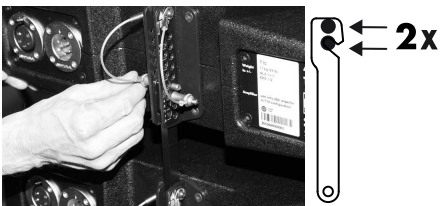
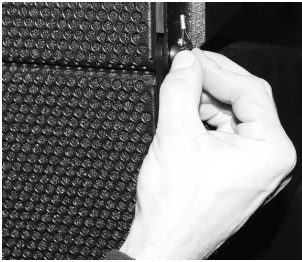


Interconnecting the cabinets

The T10 cabinets are interconnected by their Front links on both sides of the cabinet front and the Splay links on the center rigging strand at the cabinet's rear.

Front links

Once the Front links slide into the respective track of the next cabinet, the cabinets are interconnected by inserting the Locking pins on both sides of the cabinet.



Splay links

Fold out the Splay links of the T10 cabinets and hook them into the preset Locking pins on the rear rigging strand of the next cabinet.

Once the Splay link is hooked in, the second Locking pin must be inserted. The second Locking pin acts as a "safety pin" to secure the Splay link from possible hooking off and to fix the set splay angle.

4. Setup of the assembly



WARNING!

Always secure ground stacked setups against movement and possible tipping over.

Preparations

- Prepare the cables and link cables according to the number of amplifier channels and cabinets used.
- Ensure the HF sections of the T10 cabinets to be used are set to Line source.

1. Prepare the the T Base plate

T10 Groundstack

- Place the T Base plate on the ground.

T10/SUB Groundstack

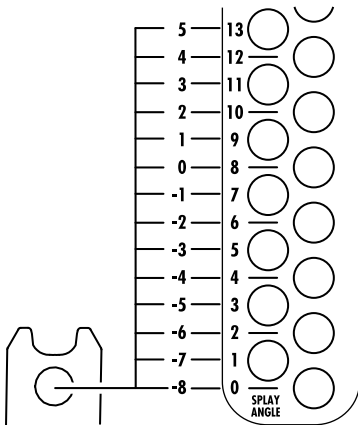
- Connect the T Base plate with the M20 threaded insert of the respective subwoofer using the M20 hand bolt.



2. Add the first cabinet

- Release the locking pins on both sides of the cabinet front.
- Attach the cabinet to the T Base plate.
- Insert the Locking pins of the Front links on both sides of the cabinet.





3. Set the angle of the first cabinet

The angle (vertical aiming) of the lowest cabinet can be set in the range from $+5^\circ$ to -8° . The desired angle is set using the corresponding hole of the Splay link of the Base plate and the hole grid of the rear rigging strand of the T10 cabinet. The derived scale is shown in the graphic opposite.

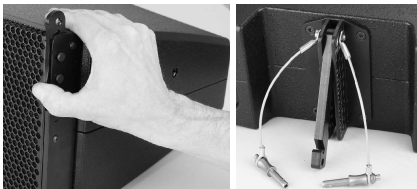
The notch at the top of the Base plate's Splay link is intended to simplify the mechanical setup and provides a $+2^\circ$ offset in relation to the hole of the link.



To set the angle proceed as follows:

- Fold out the Splay link of the cabinet.
 - Lift the back of the cabinet
 - Insert the first Locking pin into the corresponding hole of the rear rigging strand of the cabinet.
- Example:
To achieve a -5° downtilt of the first cabinet, insert the first Locking pin (support pin) into the 5° hole of the cabinet.
- Fold up the Base plate's link into the rear rigging strand and lower the cabinet's back into the notch of the link.
 - Insert the second Locking pin (safety pin) into the 3° hole of the cabinet to secure the link of the Base plate.

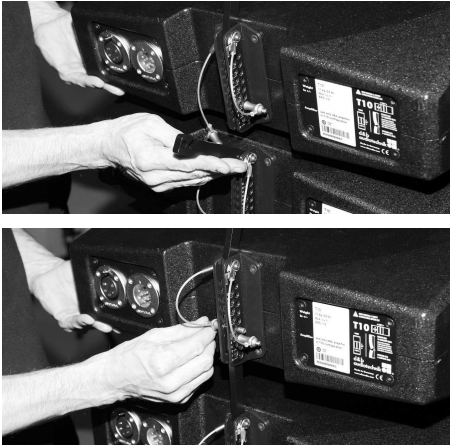
4. Add the next cabinet



- Slide out the Front link at bottom cabinet.
- Fold out the Splay link.



- Release the Locking pins on both sides of the cabinet front.
 - Attach the cabinet to the first cabinet.
 - Insert the Locking pins of the Front links on both sides of the cabinet.
- To attach further cabinets, proceed in the same manner.



5. Set the desired splay angle

- On the rear, set the splay angles between the cabinets as follows:
 - Preset the desired splay angle on the top cabinet by inserting one Locking pin.
 - Fold up the Splay link of the cabinet below into the rear rigging strand of the upper cabinet.
 - Lift the upper cabinet by hand until the hook of the Splay link has hooked into the preset Locking pin.
 - Insert the second Locking pin (safety pin) to secure the Splay link.

5. Maintenance and care

Storing/transport

The surface treatment temporarily protects the Base plate against moisture. However, ensure the Base plate is in a dry state when storing and transporting it.

During transport ensure the Base plate is not stressed or damaged by mechanical forces. Use suitable transport cases.

Cleaning

Regularly clean and lubricate the Base plate using WD-40® or a similar product.

Inspections

To eliminate the potential risk of accident due to malfunctioning of the Base plate, regularly carry out a visual and functional inspection.

If the Base plate fails to operate correctly and/or safely, it must be withdrawn from use immediately.

Carry out a visual inspection of the Base plate for obvious deformation and damage (e.g. cracks and corrosion).

6. Disposal

Please dispose of this product according to the respective national regulations.

Ensure that damaged rigging components are disposed of so that they cannot be used again.

