



The VERTEC enclosure has been designed for easy handling and transport in a variety of different truck bodies and shipping containers. Each box has a dolly that doubles as a protective grille cover. The soft cover bag is waterproof and has Velcro straps across the bottom to hold it in place. Hard panels are built into the end of the soft cover bag to protect the rigging hardware in transit. There are a number of ways to pack the enclosures. Determine what method best suits your available transportation equipment.

Packing and Handling Notes

Each enclosure has 8 (eight) handles. The eight handles mounted on the box are made of metal with reinforcing material threaded through the handle bar and secured to the interior surface of the enclosures. The two handles located on the box ends (one on each end) are hidden by the padded cover. This type of handle has been tested to withstand a sustained direct pull-out load (ultimate strength) of approximately 454 kg or 1000 lbs.

NOTE : The handles are NOT designed as lifting or as suspension points. Rely on the VT4889's S.A.F.E. integrated suspension hardware for hanging the boxes.

For more information, see Chapter 6 "Suspension System".



The padded enclosure cover is an integral part of the VT4889 handling and transport system. It should be used whenever enclosures are moved and packed together under conditions that could cause rough handling. The cover has an aluminum panel insert at each end. Thus the cover was designed to protect not only the enclosure, but also the attached rigging frame and its associated hardware. The cover has two Velcro straps to keep it in place during handling.

For more information on maintaining this rigging hardware, see Chapter 10, "Troubleshooting and Maintenance".

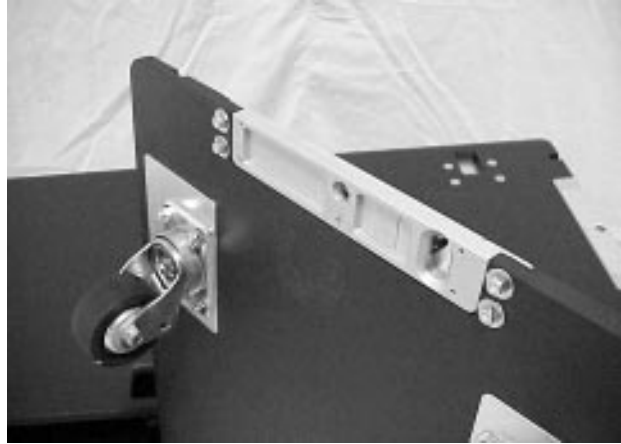
The enclosure dolly serves both as a protective cover for the front grille as well as a wheeled transport dolly. It has two handles for easy handling, removal and replacement. A spring steel latch holds the dolly firmly to the enclosure front via the two studs located on the front of the rigging frames.

If the dolly does not fit well, you may need to adjust the dolly stud as required. A locking nut in the back side of the rigging frame secures this mounting stud once it has been threaded to the desired point. Take care not to allow the weight of the dolly to hang from a single dolly mounting stud or to be pushed or otherwise stressed unless both dolly locking mounts are engaged to the dolly mounting studs. The dolly is designed for two-point attachment.



The VT4889-DOLLY is lightweight but sturdily-built. It is designed to protect the enclosure's front baffle and provide a fast, simple transport system

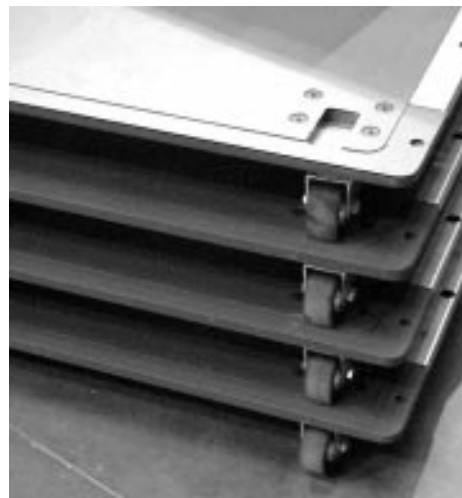




Each end of the dolly has a spring-loaded clip in a lockbox. Removal and replacement takes only seconds.

The dolly has a built-in stacking feature: the wheels fit into recesses built into the top surface of the dolly. This is a handy feature for moving and storage in venues and in your shop. Eight or more dollies can be readily stacked and the entire group can then be rolled away. Pile them up and move them out.

The dolly has recessed cups, allowing the vertical stacking of a number of dollies. This makes movement and storage quick and easy.



At the venue, an array can be assembled on the ground, joined by the front hinge bars only, and rolled or pushed around. If you attach the array frame at this time, it makes a handy push bar for the group of enclosures



One person can easily move groups of VT4889 enclosures. With hinge bars linked, large arrays can be moved from one part of a venue to another.

Truck Packing Notes

The VT4889 enclosure is intentionally compact. Its size and shape have been carefully configured, considering acoustical performance requirements, components access, and other items related to system design. Its small size and high power-to-weight ratio enable you to pack and transport an extremely high output system in a minimum amount of truck space.

Up to 100 of the VT4889 boxes can be stacked in a 7.3 meter (24-foot) long truck box (a typical North American rental truck size). The box sizing enables two enclosures to be stacked vertically on end in a smaller box rental truck such as those frequently used by sound hire companies, with internal ceiling heights as low as 96" (2438mm).



The cabinets can be loaded five wide, two high in standard touring trailer truck bodies. When loading the truck, you have some options:



- Load the boxes into the truck with the wheels facing the rear. The advantage is at unload time: each box is easy to tip down and roll out of the truck.
- Load the boxes into the truck with the wheels alternating front/rear. In smaller-width trucks, the row takes up less space.



When enclosures are packed with fronts and backs alternating, rows of boxes take up less truck space.

- Stacking boxes one on top of the other typically takes only 2 persons. When required, the VT4889 enclosure can be stacked horizontally one on top of another, with the bottom one riding on its wheels, and the top one's wheels set on the padded cover of the box below. The padded cover bag has additional material at each end of the back as well as a hard internal pad. This helps protect both the cover and the enclosure surface. This material would be facing up when the box is riding on its wheels.
- It is not wise or safe to transport loads on their wheels without proper load-securing equipment. If you use this stacking method on a regular basis, be sure to restrain your load using load-securing straps and/or load bars.



Summary

The VERTEC system was designed for ease of use in and out of your shop, in and out of the truck, on and off the stage. Care has been taken in the design process so that transporting and deploying this system is less labor-intensive than with many other types of portable audio systems.

The enclosure, dolly and padded cover bag are designed to work together as a system to both protect your investment, and make system transport, setup and takedown as effortless as possible. The boxes are relatively compact, and there are several ways they can be loaded into different types of truck bodies.



The VERTEC system has been carefully designed to integrate handling and transport requirements with labor-saving features. Arrays can be pre-assembled and rolled into place, or individually coupled and suspended in space-constrained situations.

