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## Accessories & Support Resources

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JBL's VERTEC system represents a new level of integration between the loudspeaker enclosure, the hanging hardware, the predictive software tool, the DSP controllers used in the signal chain, and array applications. While this User's Guide contains a wealth of information to get you up and running with your new system, inevitably a number of questions and issues will arise as you use it in the field.

The JBL Professional website is an important source of information about VERTEC system products and applications. It can be accessed via the Internet at the following URL: **<http://www.jblpro.com>**

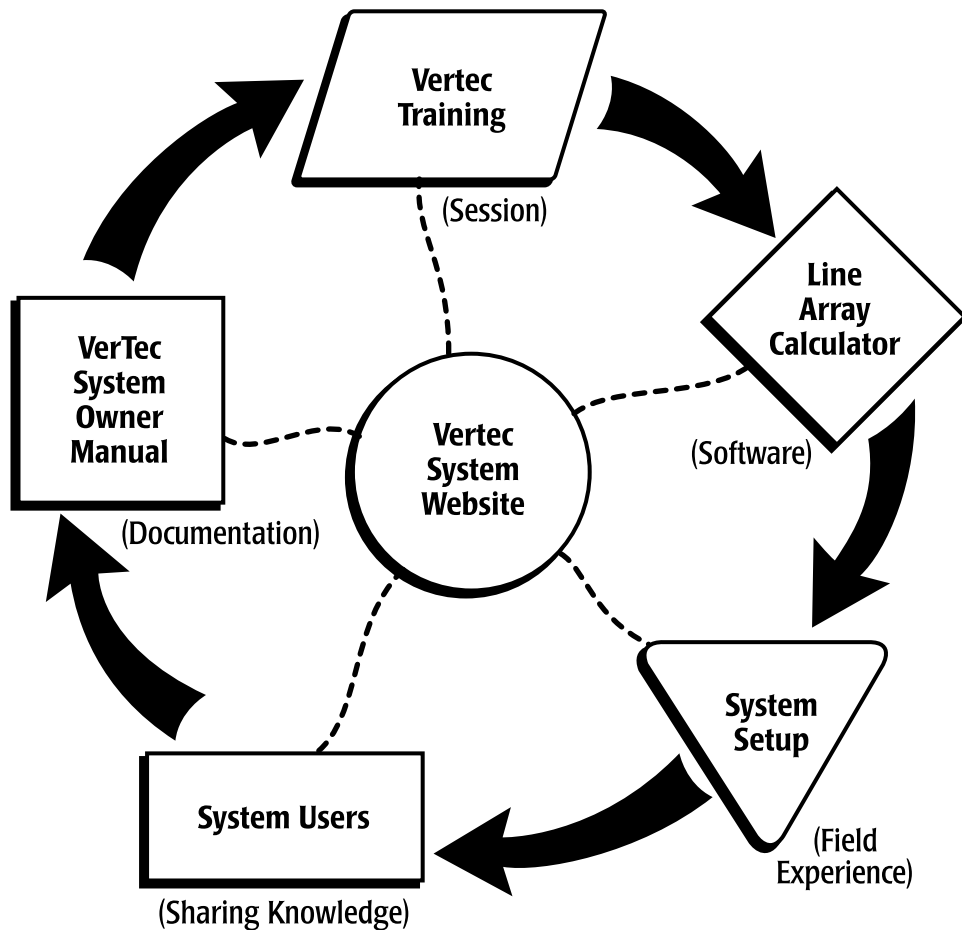
On the JBL Professional home page, note the link to "VERTEC". Here you will find digital data files including .PDF files of technical documents, Pro User Comments, and more. Of particular interest to you as a system user will be the VERTEC OWNERS' FORUM.

If you are a new VERTEC system owner and do not yet have a Username and Password, please contact JBL Tour Sound by sending an Email from the "Questions & Suggestions" section of the VERTEC website.



## Building Your Knowledge about VERTEC Systems

Internet-based information technology makes it easier than ever for you to communicate with your vendors and other system users. The VERTEC website can be viewed as a center for sharing information about the VERTEC system. It is a valuable site for learning about how users around the world are meeting sound reinforcement challenges with this advanced line-source array system. It includes contact information for system owners around the world.



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Reading, and understanding, the information in this System User Guide is just the first step. A professional training session to integrate your knowledge and hands-on experience with the Line Array Calculator, the VERTEC suspension system, the DSP system drive files, and the assembly and use of VERTEC arrays will be a valuable experience.

The next step: putting your knowledge into practice...applying theory to field applications, and learning how the principles of JBL's Vertical Technology(TM) can work for you in a wide variety of situations.

Sharing those field experiences with other VERTEC system owners around the globe, and communicating both your successes as well as your questions and suggestions to JBL Professional, helps strengthen your own "Circle of Knowledge".

At JBL Professional, we are interested in both your observations and your inquiries about VERTEC system use. The experiences and successes you have with your VERTEC system, and communications with other system owners and the JBL factory, help to ensure constant product improvement and the refinement of VERTEC system products and applications. Read on for information and details about specific VERTEC system products and accessories.



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## Accessories

The following major system components may be ordered from JBL Professional.

<u>Product</u>	<u>Description</u>	<u>Weight</u>
VT4889	3-way large-scale line array system with 2-15", 4-8" and 3-HF drivers. This part number includes the rigging frame, hinge bars, dolly and cover.	VT4889 only: 72.3 kg, 159 lbs with dolly: 86.6 kg, 184 lbs with dolly & cover: 87.3 kg, 192 lbs
VT4889-DOLLY	Dolly; doubles as protective front cover for the VT4889 enclosure. Ships with VT4889 <i>and</i> available as a replacement item.	11.4 kg, 25 lbs
VT4889-COVER	Ballistic nylon and aluminum-reinforced cover for VT4889 enclosure. Ships with VT4889 <i>and</i> available as a replacement item.	3.6 kg, 8 lbs
VT4889-RIG	Set of (4) Hinge bars, includes (2) long/rear and (2) short/front, including slider knobs for each short (front) hinge bar. Ships with VT4889 <i>and</i> available as a replacement item.	4.2 kg, 9.3 lbs. (set of four)
VT4889-AF	Array Frame for supporting up to 18 VT4889 enclosures with a 7:1 design factor. For ground stacking up to six VT4889 enclosures.	45 kg, 100 lbs
VT4889-SF	Short Frame for use on the bottom of large VT4889 arrays, suspending special purpose arrays, or for ground stacking up to four VT4889 enclosures.	23.6 kg, 53 lbs
VT4889-MSP	Mechanical Spares Kit for VT4889 systems (hardware parts)	16 kg, 36 lbs.
VT4889-ASP	Acoustical Spares Kit for VT4889 systems (transducer parts)	18 kg, 40 lbs



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## Mechanical Spares Kit: VT4889-MSP

The VT4889-MSP is a Spare Kit for *mechanical* items. It includes a quantity of screws, lanyards and other hardware items most likely to be required by a system owner during long-term field use. It includes spare hanging hardware parts as well.

<b><u>Item</u></b>	<b><u>Part Number</u></b>	<b><u>Description</u></b>
Front hinge bar	336892-001	2 ea. spare front hinge bar
Rear hinge bar	336893-001	2 ea. spare rear hinge bar
Slider knob	336916-001	4 ea. spare slider knob
LF grille screw(s)	703-131113-08	16 ea. spare LF grille attachment screws.
MF RBI screw(s)	704-01110-16	16 ea. spare MF RBI attachment screws.
Input plate screw(s)	703-11110-08	10 ea. spare input plate attachment screws.
Dolly mount	885-00078-00	4 ea. dolly mounting stud, with jam nuts.
Rigging frame	888-00110-00	Spare rigging frame with safety tag, S/N
Rigging frame pins & lanyards	229-00030-00	4 ea. rigging frame pin w/ring, with 8 ea. lanyard and attachment screws/tabs.
Wheel	924-00005-00	1 ea. heavy duty truck castor, spare wheel for Dolly, with bolts



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## Acoustical Spares Kit: VT4889-ASP

The VT4889-ASP is a Spare Kit for *acoustical* items. It includes the minimum anticipated spare loudspeakers and replacement diaphragms that a system owner may require during system use in the field.

<b><u>Item</u></b>	<b><u>Description</u></b>	<b><u>Notes</u></b>
LF speaker	(1) 2255H 15" speaker	Supplied in shipping carton.
MF speaker	(2) 2250H 8" speaker	Supplied in shipping carton.
HF diaphragm	(3) 2435H replacement diaphragm kits.	Each diaphragm in standard replacement kit box, with ferro-fluid container.
Tool	(1) 1/8" Hex head wrench for disassembly of HF driver cover	

Individual component recone and replacement kits include the C8R2250, C16R2250, C8R2255, and D8R2435.



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## Information Resources

The following printed information resources are available from JBL:

- VERTEC Brochure (P/N CAT VERTEC)
- VT4889 System User's Guide (P/N MAN VERTEC )
- VT4889 Technical Manual (Issued to all JBL Service Centers)
- VT4889 Specification Sheet (P/N SSVT4889)
- VERTEC Suspension Hardware Testing Document
- Vertical Technology White Paper (P/N WPVERTEC)
- JBL Technical Note, Volume 1, Number 14. "Suspending Loudspeaker Systems"

The following digital information resources are available from JBL:

- VERTEC CD-ROM
- Line Array Calculator (Excel Spreadsheet)

The JBL Professional Website can be found at <http://www.jblpro.com>  
Click On, 'VERTEC ' to reach the dedicated website.

Safe Rigging Seminars: <http://www.riggingseminars.com>

Columbus McKinnon chain motors: <http://www.cmworks.com/products/Hoists/section02.pdf>

For additional information, spare parts, or other technical assistance, contact your JBL Professional Distributor or Regional Representative.

For a complete listing of JBL Distributors and Regional Representatives worldwide, go to <http://www.jblpro.com> then click "Contact Us ".



