

# EC-DECLARATION OF CONFORMITY



**Brand:** JBL Professional

**Family Name:** VTX Series Suspension Hardware

**Model Names:** VTX-V25-AF, VTX-V25-AF-EB, VTX-V20-AF, VTX-V20-AF-EB, VTX-F12-UB, VTX-F15-UB

**We, Harman International,** declare under our sole responsibility that the product, to which this declaration relates, is in conformity with the following standards.

Standard	Description	Testing Agency
EC MACHINE DIRECTIVE 2006/42/EC SECTIONS 4.1.2.3 & 4.1.2.5	MACHINE DIRECTIVE – Applies to machinery and lays down essential health and safety requirements	Tested at JBL

Copies of all Technical Data, Safety Data and EMC reports can be obtained by contacting Frank Lacelle at [frank.lacelle@harman.com](mailto:frank.lacelle@harman.com).

JBL Professional, part of the Harman International group of companies, declares that the products produced under the aforementioned brand names are designed and produced as professional audio speakers and therefore outside of the intended scope of the European Commission Regulation (EC) 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment.

<http://www.jblpro.com/catalog/support/getfile.aspx?docid=1528&doctype=3>

Harman International expects our suppliers and business partners to be aware of their obligations under REACH and expects any substances or products within the scope of REACH to be pre-registered before December 1, 2008. Given those conditions, our current products are exempt from REACH preregistration and later registration activities. We provide separate E.U. Reduction of Hazardous Substances documentation for our RoHS compliant products.

<http://www.jblpro.com/catalog/support/getfile.aspx?docid=1529&doctype=3>

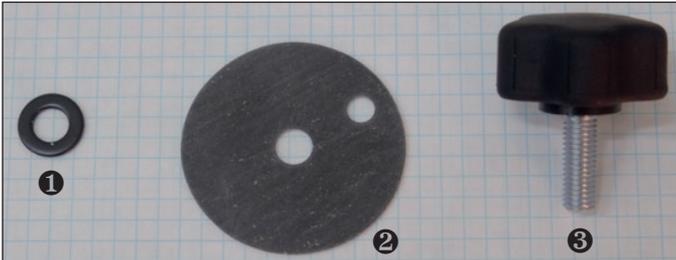
The WEEE directive (2002/96/EC) places an obligation on all EU-based manufacturers and importers to take-back electronic products at the end of their useful life. JBL, through its agent, accepts its responsibility to finance the cost of treatment and recovery of redundant WEEE in accordance with the specific WEEE recycling requirements. All of our products are marked with the WEEE symbol; this indicates that this product must NOT be disposed of with other waste. Instead it is the user's responsibility to dispose of their waste electrical and electronic equipment by handing it over to an approved reprocessor, or by returning it to JBL's agent for reprocessing. For more information about where you can send your waste equipment for recycling, please contact your local distributor.

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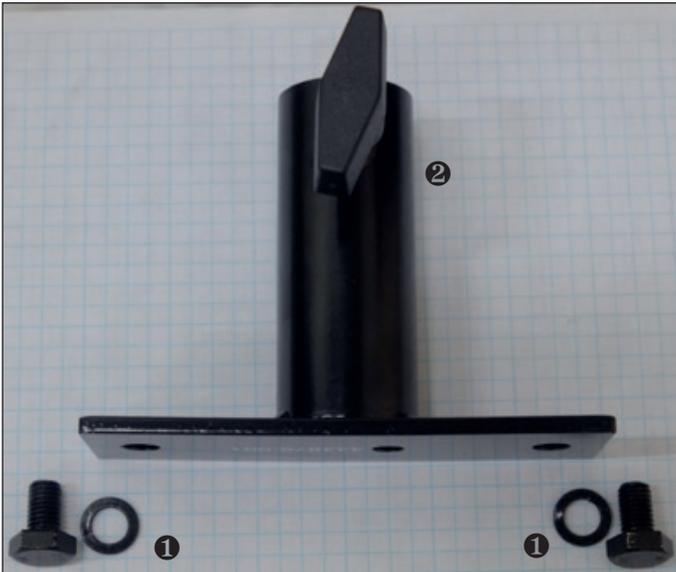
JBL Professional, Northridge CA. USA 02/25/2015 Frank Lacelle Compliance Manager  
(Place and Date of issue) (Name and function of authorized person)

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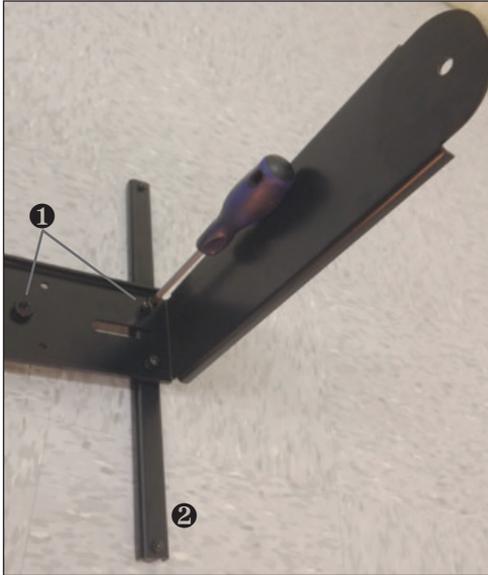




1. Outer M10 Thumbscrew Washer (2 per pkg.)
2. Inner M10 Friction Washer (2 per pkg.)
3. M10 Thumbscrew (2 per pkg.)



1. Threaded Bolt & Washer for Pole Mount Cup (2 per pkg.)
2. Pole Mount Cup (1 per pkg.)



1. M6 Attachment Screws for Rail (4 per pkg.)
2. Ground Stacking Rail (2 per pkg.)



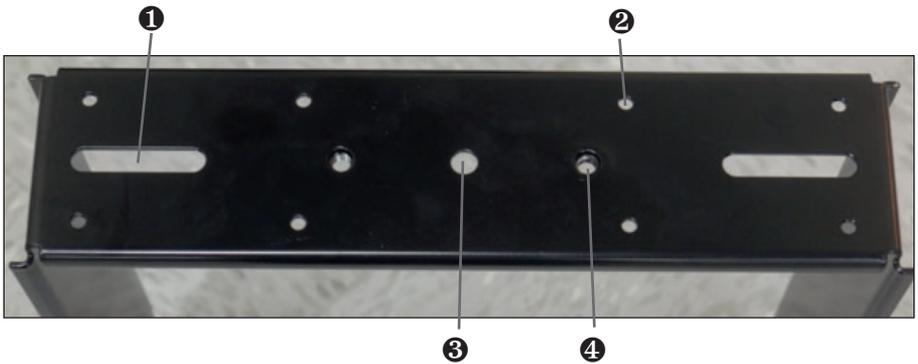
**Recommended Accessory:**

Martin Professional Lighting Half-Coupler Clamp

P/N: 91602005 (2x clamps recommended per -UB)

## Bolt Pattern For VTX-F12-UB and VTX-F15-UB

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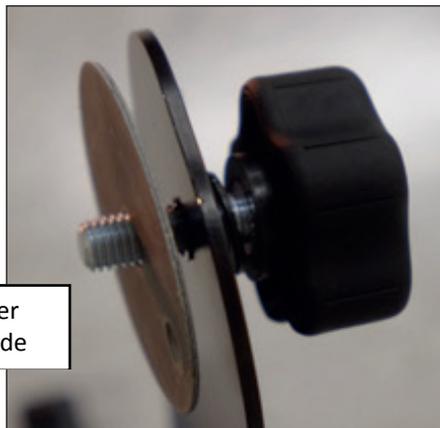
1. M12 sized slots for truss clamps
2. 8 M6 holes for permanent installation
3. Central M12 sized hole for drop-down extension rod mounting
4. 2 threaded inserts for attaching pole mount adapter (included with - UB)

## VTX-F12-UB & VTX-F15-UB Attachment

The -UB attaches to M10 points on the sides of VTX F series cabinets. Remove the included Phillips head screw to expose the threaded mounting point.



Pre-position the pieces pictured here onto each side of the -UB. Note that the knob for the thumb screw is pointed away from the speaker, while the rubber friction washer goes between the speaker and the metal surface of the -UB. The included metal washer goes between the thumb screw and the -UB.



Speaker  
This Side

*In order for proper attachment of the F12-UB and F15-UB to their respective speakers, all included pieces must be installed properly. Failure to do so will compromise the positioning capabilities of the F12-UB and F15-UB.*

## VTX-F12-UB & VTX-F15-UB Attachment

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Once the speaker is in place, turn each thumbscrew a few times in order to secure it to the VTX F12 or F15 cabinet. Then once both sides are in place, completely tighten the thumbscrews. Do not use any tools or other tightening devices, tighten thumbscrews by hand only. When the included washers are used, hand-tightening produces enough force to hold the VTX F12 and F15 cabinets in the desired position on the -UB.



There are multiple deployment modes available for the VTX F Series –UB’s. Most notably there are options for:

- Ground-supported deployment
- Truss-supported deployment
- Pole-mounted deployment

## Ground-Supported Deployment

This is an ideal configuration for front-fills or out-fills when the F12 or F15 is located on the stage lip or on stack of ground-supported subwoofers. Use the included M6 screws to attach the ground support rails to the –UB via the outer holes on the bolt pattern.



### Truss-Supported Deployment

With the recommended Martin Professional Lighting clamp, the M12 slots on the –UB can be utilized to hang the VTX-F12-UB and VTX-F15-UB from standard box truss.



*It is required for safe operation that the VTX-F12-UB and VTX-F15-UB are suspended with the loudspeaker properly attached to the –UB and hanging below the truss. The VTX-F12-UB and VTX-F15-UB are not designed to support configurations where the clamps are below the loudspeaker, or to either side of the loudspeaker.*

Use of safeties is recommended, M10 mounting points on the top of the speaker can be utilized to attach properly rated eyebolts and properly rated safety cables.

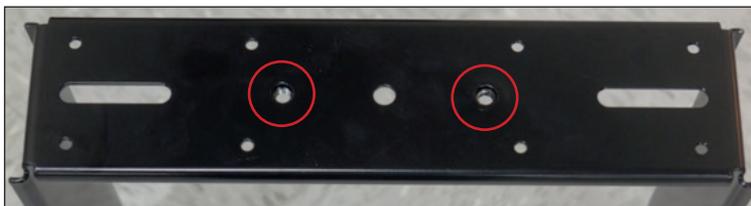
## Deployment Modes For VTX-F12-UB and VTX-F15-UB

Using the proper attachment tools for the half-coupler clamp to be attached, guide the threaded M12 bolt through the slot ensuring that all appropriate washers are in place and tighten the clamp to the -UB.



### Pole-Mounted Deployment

The included pole mount cup can be attached to the VTX-F12-UB and VTX-F15-UB via these attachment points with permanent nuts on the bottom of the -UB. This is a key application which allows the F12 and F15 to be pole-mounted on a standalone tripod stand, or on top of an extension rod when coupled with the VTX-F18S subwoofer.



With the -UB already attached properly to the speaker to be mounted, using an adjustable box wrench or similar tool, pass the two threaded bolts (illustrated previously in the “Parts Supplied...” section) through the pole mount cup and screw them into the bottom of the -UB.



## Deployment Modes For VTX-F12-UB and VTX-F15-UB

Once the pole mount cup is attached, and the –UB is securely attached to the speaker, carefully mount the speaker on top of the pole.



Ensure that the pole cup adapter is placed squarely on top of the mounting flange on the pole and that the –UB is tightened securely to the speaker. Failure to properly tighten the –UB to the speaker before attaching to the mounting pole could lead to an unsafe shift of the speaker or bracket.

### Parts List:

5042010	BRACKET, VTX-F12-UB	1
5043236	rail, VTX-F UB	2
446020-001	POLE MOUNT HARDWARE KIT, VT4886-HB	1
5046120	THUMB SCREW, M10, VTX-F12/15-UB	2
803-41010-10	SCR,8-32 X 5/8,PAN,PH,BLK ZINC,LCS	4
832-30010-00	#8-32 NUT, KEPS STEEL BLACK ZINC AND EM	4
816-41510-15	M6 x 15, PAN, PH, BLK	4
833-00810-00	M6 NUT	4
843-72110-02	M6 FLAT WASHER	4
5012025	GASKET, BRACKET AW SERIES	2



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