CE DECLARATION OF CONFORMITY

PRODUCT

Product Model:

OTTO Subwoofer	p/n 2044449
OTTO Flybar	p/n 2044450
Distribution Rack	p/n 2041779 / 2042545
Distribution Flybar	p/n 2042596

Description: Subwoofer / Structural Accessory / Electrical Accessory

Dimensions (H X W X D):

OTTO Subwoofer	617mm X 800mm X 800mm 24.3in X 31.5in X 31.5in
OTTO Flybar	196mm X 800mm X 656mm 7.8in X 31.5in X 25.9in
Distribution Rack	514mm X 541mm X 610mm 20.2in X 21.3in X 24.0in
Distribution Flybar	124mm X 531mm X 54mm 4.9in X 20.9in X 2.1in

Material:

OTTO Subwoofer	Baltic Birch Plywood, Steel, Aluminum
OTTO Flybar	Steel
Distribution Rack	Baltic Birch Plywood, Steel
Distribution Flybar	Steel, Aluminum

Accessories:

OTTO Caster Pallet	p/n 2044448
OTTO Distribution Caster Pallet	p/n 2042482
OTTO Replacement Amplifier	p/n 2044451
OTTO Replacement Rigging Corner	p/n 2044746 / 2044747

COUNTRY OF ORIGIN FOR THE PRODUCT AND COMPONENTS

Country of Origin:

OTTO Subwoofer Assembly	United States
OTTO Subwoofer Components	United States, Italy and China
OTTO Flybar	United States
OTTO Distribution Rack	United States and China
OTTO Distribution Flybar	United States
OTTO Caster Pallet	United States and China
OTTO Distribution Caster Pallet	United States
OTTO Replacement Amplifier	United States, Italy and China
OTTO Replacement Rigging Corner	United States and China

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TECHNICAL SPECIFICATIONS

The OTTO Subwoofers are to be suspended below the OTTO Flybar. The OTTO Distribution Racks are to be suspended below the OTTO Distribution Flybar. When used in accordance with the OTTO Owner's Manual and Resolution Software the Working Load Limits (WLL) and Design Factor are:

Nominal Weight of OTTO Subwoofer	95.25 kg / 210 lb
Nominal Weight of OTTO Flybar	54.43 kg / 120 lb
Nominal Weight of OTTO Distribution Rack	50 kg / 110 lb
Nominal Weight of OTTO Distribution Flybar	2.3 kg / 5.0 lb
Weight Load Limit of OTTO Flybar (Single Pick Point, A)	1224.70 kg / 2700 lb
Weight Load Limit of OTTO Flybar (Double Pick Points B)	1224.70 kg / 2700 lb
Weight Load Limit of OTTO Distribution Flybar	340 kg / 750 lb
Ultimate Strength Design Factor	>10:1

STANDARDS CONFORMITY

The OTTO Subwoofers are designed with the intent to be suspended only from the OTTO Flybar in accordance with the OTTO Owner's Manual and Resolution Software. When suspending an OTTO Subwoofer array by an OTTO Flybar, the flybar must be mounted to the top Subwoofer via the integrated proprietary rigging system, see Figure A. When using Pick Points "A" or "B", up to twelve (12) OTTO Subwoofers may be vertically suspended in a column below the OTTO Flybar. Please see Figure B for Pick Point Locations. The total weight of the OTTO array must not exceed the Weight Load Limit of the integrated proprietary rigging system or that of the OTTO Flybar.

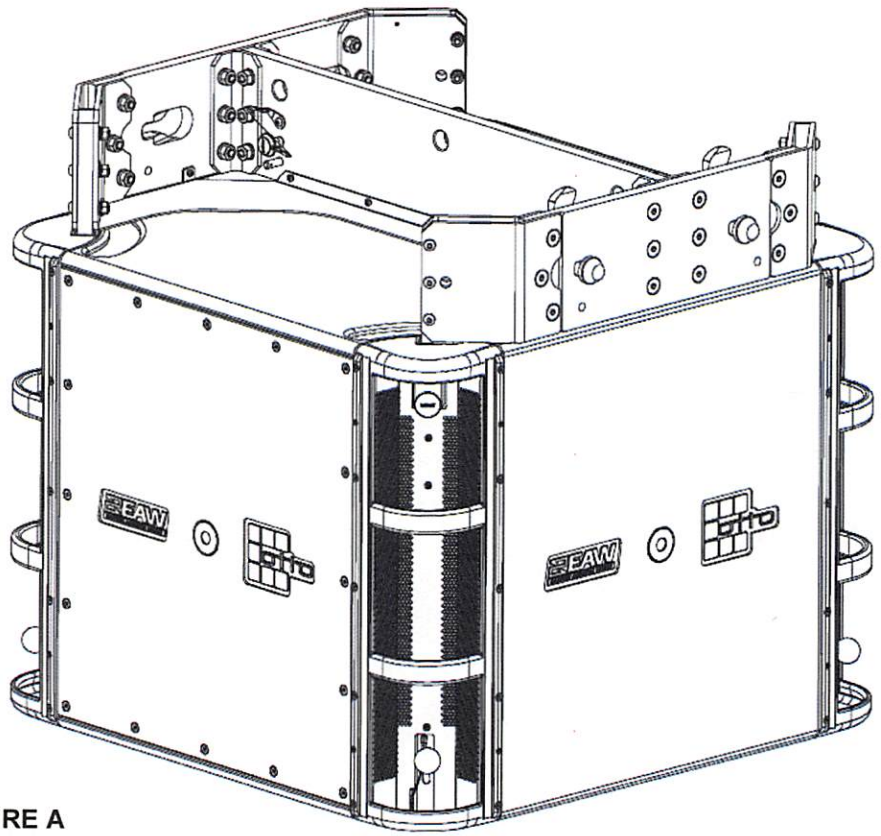

FIGURE A

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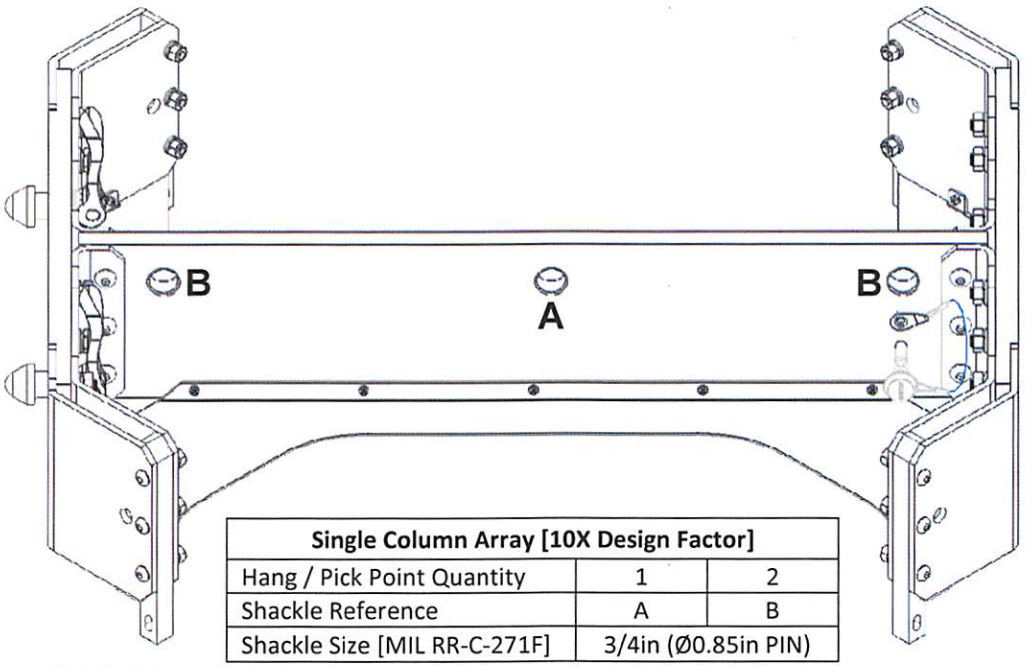

Single Column Array [10X Design Factor]		
Hang / Pick Point Quantity	1	2
Shackle Reference	A	B
Shackle Size [MIL RR-C-271F]	3/4in (Ø0.85in PIN)	

FIGURE B

The Distribution Racks are designed with the intent to be suspended only from the Distribution Flybar in accordance with the Owner's Manual. When suspending an Distribution Rack array by an Distribution Flybar, the flybar must be mounted to the top distribution rack via the integrated proprietary rigging system, see Figure C. Up to six (6) Distribution Racks may be vertically suspended in a column below the Distribution Flybar. The total weight of the Distribution Rack array must not exceed the Weight Load Limit of the integrated proprietary rigging system or that of the Distribution Flybar.

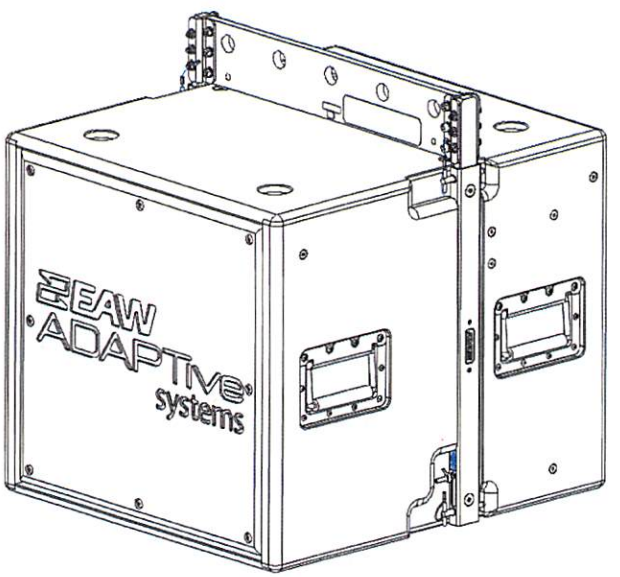

FIGURE C

The ultimate strength for the OTTO Subwoofer, Flybar, Distribution Rack and Distribution Flybar were determined utilizing FEA software and/or calibrated, certified destructive pull-tests.

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Loud Technologies, Inc., as the manufacturer, hereby certifies that, in their delivered versions, the OTTO G24 Subwoofer System, OTTO Subwoofer, OTTO Flybar, Distribution Rack, Distribution Flybar and OTTO Replacement Rigging Corners comply with the provisions of the directives and standards listed below.

European Council Directives:
98/37/EEC, European Council Directive on Lifting Accessories

Rigging and lifting:
BGV-C1: (German Standard for Lifting Accessories and Audio Rigging)
DIN 56950 (German Machinery Installation – Safety)

European Council Directives:
2006/95/EC (Low Voltage Directive)
2004/108/EC (EMC Directive) All applicable amendments
2011/65/EU (RoHS2 Directive)

EMC:
EN55103-1:2009 - Emissions standard for audio, video, audio-visual and entertainment apparatus for professional use
EN55103-2:2009 - Immunity standard for audio, video, audio-visual and entertainment apparatus for professional use
FCC CFR 47 Part 15B - Emission standard for unintentional radiators
ICES-003:2004 4th Ed. - Emission standard for digital apparatus

Safety:
IEC 60065:2001(Seventh Edition), 2013-07-24 (Audio, video and similar electronic apparatus: Safety Requirements)
CAN/CSA-C22.2 No. 60065-03, 1st Edition, 2006-04 + A1:2006 + A2:2012
(Audio, video and similar electronic apparatus: Safety Requirements)
Ref. Certif. No. E313393-A36-UL

This declaration becomes void in case of any changes to the product without written authorization by Loud Technologies Inc.

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