CE DECLARATION OF CONFORMITY

PRODUCT

Product Model:	FB121	p/n 0031170
		p/n 0032275
Description:	Fly Bar	
Dimensions (h x w x d):	108 mm x 618 mm x 688 mm / 4.3 in x 24.3 in x 27.1 in	
Material:	A500 steel tubing, A36 steel bar stock, 4140 steel bar stock	
Supplied Accessories:	2x Connecting Pin	p/n 0031196-01
Accessories:	Spare Connecting Pin	p/n 0031196-01
	M10 Eye Bolt	p/n 0029818
	JFL210 Loudspeaker	p/n 0029139-90
		p/n 0031237-90
	JFL118 Loudspeaker	p/n 0030529-90
		p/n 0032250-90

COUNTRY OF ORIGIN FOR THE PRODUCT AND COMPONENTS

United States of America

TECHNICAL SPECIFICATIONS

The JFL210 and JFL118 loudspeakers are to be suspended below the FB121 Fly Bar or JFL118 loudspeaker. When used in accordance with the JFL Series Owner's Manuals the Working Load Limits (WLL) and Design Factor are:

Nominal Weight of JFL210	27 kg / 52 lb
Nominal Weight of JFL118	44 kg / 97 lb
Nominal Weight of FB121	13 kg / 29 lb
WLL (for Fly Bar mixed array)	277 kg / 611 lb
WLL (for Fly Bar JFL210 only array)	155 kg / 341 lb
WLL (for Fly Bar JFL118 only array)	277 kg / 611 lb
Ultimate Strength Design Factor	>10:1

STANDARDS CONFORMITY

The FB121 Fly Bar is designed and intended to suspend JFL210 and JFL118 loudspeakers in accordance with the JFL Series Owner's Manual and FB121 Installation Instructions. Up to six (6) JFL210/JFL118 loudspeakers may be vertically suspended in a column below the FB121 Fly Bar. JFL210 loudspeakers must be flown below JFL118 loudspeakers in a mixed array. JFL118 must be pinned to FB121 in all three locations and JFL210 must be pinned in both locations. The total weight of any combination must not exceed the WLL of the integral rigging components or that of the FB121 Fly Bar. For combinations of JFL210 and JFL118, use the following formulas to determine maximum quantities of each. This keeps the total weight of the JFL210/JFL118 combination within the above-specified WLL.

Maximum total quantities for suspended configurations using a combination of JFL210 and JFL118 loudspeakers are:

Maximum Total Combination
Maximum quantity JFL210 = 6 - quantity JFL118
Maximum quantity JFL118 = 6 - quantity JFL210
Quantity JFL210 + quantity JFL118 ≤ 6

The ultimate strength for the FB121 Fly Bar was determined utilizing calibrated and certified destructive pull-tests.

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Eastern Acoustic Works, as the manufacturer, hereby certifies that, in their delivered versions, The FB121 Fly Bar complies with the provisions of the directives and standards listed below.

European Council Directive on Lifting Accessories, 98/37/EEC
BGV-C1: (German Standard for Lifting Accessories and Audio Rigging)
DIN 56950 (German Machinery Installation – Safety)

The Technical Report/File is maintained at:
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