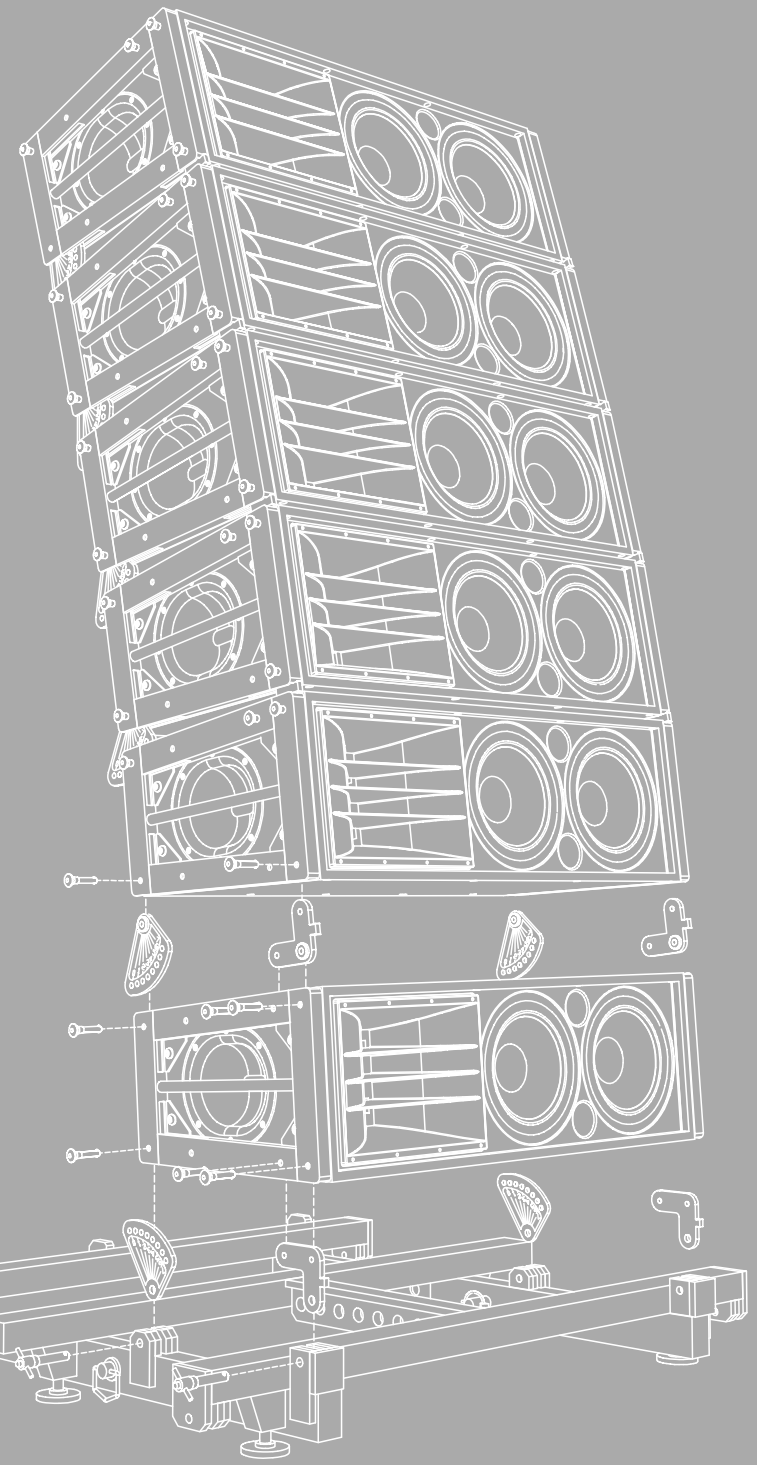

QuickFly®

Rigging Overview

Meyer® Sound



keeping your meyer system **CONNECTED** with maximum **FLEXIBILITY** for **FLYING** and **MOUNTING** your show on the road or at home.

QuickFly® comprises a comprehensive selection of custom-designed rigging, flying and mounting systems created exclusively for Meyer Sound loudspeakers. Loudspeakers can easily be configured at precise angles to take full advantage of the directional characteristics of each component, which can substantially improve overall system performance, particularly in acoustically difficult venues.

The benefits of QuickFly rigging include:

- Ingeniously simple and easy to use
- Supremely flexible, allowing for precise configuration
- Cost-effective (reduced load-in and load-out times, installation and labor costs)
- Safe when used within the manufacturer's published advised working loads and tolerances

More detailed information is available in a series of Assembly Guides and Rigging and Operating Manuals that may be downloaded from www.meyersound.com/products.

Please note that QuickFly products are in constant development. Always consult www.meyersound.com for the latest information.

MG-3D/M Multipurpose Grid

The MG-3D/M multipurpose grid accommodates numerous hanging configurations or ground support for M3D line array, MILO standard and MILO 120 expanded coverage high-power curvilinear loudspeakers, and M3D-Sub directional subwoofers. MG-3D/M allows multipoint support and bridles. Up to 24 MILO loudspeakers (or the equivalent weight of any combination of MILO, MILO 120, MILO 120-I, M3D and M3D-Sub cabinets) can be flown from the MG-3D/M grid.



Product Compatibility

- *M3D*
- *M3D-Sub*
- *MILO/MILO 120*

Kit Contents

(PN 40.132.035.01)

- *(1) MG-3D/M grid assembly*
- *(4) stainless steel leveling feet*

MLK-3D Link Kit

The MLK-3D link kit is required to attach an M3D line array loudspeaker or M3D-Sub directional subwoofer to the MG-3D/M multipurpose grid.



Product Compatibility

- *M3D*
- *M3D-Sub*
- *MG-3D/M*

Kit Contents

(PN 40.132.120.01)

- *(2) MTL-3D transition links (shown)*
- *(8) .5" x 2.5" quick release pins*
- *(8) lanyard assemblies*

MTF-3D Transition Frame

The MTF-3D transition frame provides a simple and secure method of rigging other Meyer Sound loudspeakers beneath an M3D and/or M3D-Sub array for nearfield and downfill applications. Three CQ-2 narrow coverage main loudspeakers or three MSL-4 horn-loaded long-throw loudspeakers may be suspended under an M3D/M3D-Sub array. The MTF-3D requires that the underhung loudspeakers be fitted with ring and stud rigging hardware.



Product Compatibility

- *M3D*
- *M3D-Sub*
- *CQ-2*
- *MSL-4*

Kit Contents

(PN 40.105.092.01)

- *front/rear MTF-3D transition frame (shown)*
- *(2) chain assemblies*
- *(2) adjustable link and chain assemblies*
- *(4) .5" x 2.5" quick release pins*
- *(9) each 3/16" lynch pins and hitch pins*

Product Compatibility

- *M3D*
- *M3D-Sub*

Kit Contents

(PN 40.105.033.01)

- *(2) MCR-3D caster rails*

MCR-3D Caster Rail

Custom caster rails ease handling and transporting M3D line array loudspeakers and/or M3D-Sub directional subwoofers. The MCR-3D caster rails can support stacks of up to four M3D and/or M3D-Sub cabinets.



Product Compatibility

- *MILO/MILO 120*
- *MG-3D/M*

Kit Contents

(PN 40.132.125.01)

- *(2) MFAL-MILO front AlignaLink (shown)*
- *(2) MRAL-MILO rear AlignaLink (shown)*
- *(6) 3/8" x 1.5" red button quick release pins*
- *(6) lanyard assemblies*

MLK-MILO Link Kit

The MLK-MILO link kit is required to attach a MILO standard or MILO 120 expanded coverage high-power curvilinear loudspeakers to the MG-3D/M multipurpose grid.



Product Compatibility

- *M3D*
- *MILO/MILO 120*
- *M3D-Sub*

Kit Contents

(PN 40.132.110.01)

- *(2) MTR-3D/M transition rails (shown)*
- *(2) MRAL-MILO rear AlignaLinks*
- *(2) MATB-3D transition bars*
- *(4) .5" x 2.5" quick release pins*
- *(2) 3/8" x 1.125" quick release pins*

MTR-3D/M Transition Rail Kit

The MTR-3D/M transition rail kit provides a simple and secure method of attaching MILO standard or MILO 120 expanded coverage high-power curvilinear loudspeakers beneath or above M3D line array loudspeakers and/or M3D-Sub directional subwoofers.



MVE-MILO Vertical Extension Bars

For use with the MILO high-power curvilinear array loudspeaker in applications where the required splay angle is greater than the 5˚ afforded by MILO's rear AlignaLinks. They are most useful when reflections from a specific area – such as a balcony in a theatre or arena – must be minimized. The MVE-MILO extension bars replace the front triangular AlignaLinks on the cabinet where the extended angle is required. The splay angle can be increased by an additional 3˚, 6˚ or 9˚. This effectively provides up to 12˚ splay angle.



Product Compatibility

- *MILO*

Kit Contents

(PN 40.132.130.01)

- *(2) MVE-MILO vertical extension bars*

PBF-MILO Pull-Back Frame

When acute array angles are desired, the PBF-MILO pull-back frame can be fitted to the bottom of the lowest MILO standard or MILO 120 expanded coverage high-power curvilinear loudspeaker in an array. The PBF-MILO provides a pair of attachment points for a standard shackle linked to a dedicated lift motor. (MTB-2D/M transition bar kit required.)



Product Compatibility

- *MILO/MILO 120*
- *MTB-2D/M*

Kit Contents

(PN 40.132.034.01)

- *(1) PBF-MILO pull-back frame*

MTB-2D/M Transition Bar Kit

The MTB-2D/M transition bar kit facilitates connection of an MG-2D multipurpose grid underneath a MILO standard or MILO 120 expanded coverage high-power curvilinear loudspeaker to allow simple and secure attachment to M2D compact curvilinear array loudspeakers being used for near and/or downfill applications. All necessary hardware is included. Required for use with PBF-MILO pull-back frame.



Product Compatibility

- *MILO/MILO 120*
- *M2D*
- *MG-2D*
- *PBF-MILO*

Kit Contents

(PN 40.132.033.01)

- *(2) MTB-2D transition bars*
- *(4) .5" x 2.5" quick release pins*

Product Compatibility

- *MILO/MILO 120*

Kit Contents

(PN 40.132.039.01)

- *(1) MCF–MILO caster frame*
- *(4) 3/8" x 1.5" red button quick release pins*
- *(4) lanyard assemblies*

(PN 40.132.039.02)

- *includes HDPE bumpers*

MCF-MILO Caster Frame

This heavy–duty transport frame is easy to attach to a MILO standard or MILO 120 expanded coverage high–power curvilinear loudspeaker. The frame is built to take the weight of up to 24 MILO loudspeakers (or equivalent weight of any combination of MILO, MILO 120 and the MILO 120–I insert) during rigging and tear down. For safety reasons, we recommend that a maximum of four cabinets be stacked on the frame during transit. The frame is also available with 2 by 5–inch HDPE bumpers installed on all four sides, adding a 1–inch space between stacks of loudspeakers when packed.



Product Compatibility

- *M2D*
- *M2D–Sub*
- *MILO*
- *MTK–2D*
- *MTB–2D/M*

Kit Contents

(PN 40.112.050.01)

- *(1) MG–2D grid assembly*
- *(6) leveling feet*
- *(4) .5" x 2.5" quick release pins*
- *(2) each MG–2D CamLinks, front links, downtilt links, adjustable links*

MG-2D Multipurpose Grid

The MG–2D multipurpose grid allows M2D compact curvilinear array loudspeakers and M2D–Sub compact subwoofers to be flown or ground stacked. The MG–2D also provides a transition from the bottom of an M3D line array (MTK–2D required) loudspeaker/M3D–Sub directional subwoofer or MILO high–power curvilinear array to an M2D/M2D–Sub array (MTB–2D/M required). Up to 16 M2Ds (or a combination of M2Ds/M2D–Subs of comparable weight) may be flown from single or multiple rigging points of appropriate rating, with a safety factor of 7:1.



Product Compatibility

- *M2D*
- *M2D–Sub*
- *M3D*
- *M3D–Sub*

Kit Contents

(PN 40.112.058.01)

- *(2) MTK–2D transition links (shown)*
- *(4) .5" x 2.5" quick release pins*

MTK-2D Transition Kit

The MG–2D multipurpose grid requires the MTK–2D transition kit to suspend M2D compact curvilinear array loudspeakers and/or M2D–Sub compact subwoofers under an array of M3D line array loudspeakers and/or M3D–Sub directional subwoofers. The MTK–2D provides the required adjustable connecting bars and pins to hang an MG–2D grid beneath an M3D/M3D–Sub array.



MG-1D Multipurpose Grid

The MG-1D multipurpose grid is used to fly or ground stack M1D ultra-compact curvilinear array and M1D-Sub ultra-compact loudspeakers. Up to 16 M1Ds (or the equivalent weight of M1D and/or M1D-Subs) may be suspended from single or multiple rigging points of appropriate rating, with a safety factor of 7:1. A rear extension frame provides flexibility and keeps the point load equal. The MG-1D can also be used to fly a small number of M2D compact curvilinear array loudspeakers, and provides a transition from the bottom of an M2D/M2D-Sub array to one UPA-1P, three UPA-2P, two MSL-4, or two DF-4P cabinets.



Product Compatibility

- *M1D*
- *M1D-Sub*
- *M2D*
- *DF-4P*
- *UPA-1P*
- *UPA-2P*
- *MSL-4*

Kit Contents

(PN 40.115.100.01)

- *(1) MG-1D grid assembly*
- *(2) MG-1D grid links*
- *(6) leveling feet*
- *(10) 5/16" x 1.125" quick release pins*

MTG-1D Top Grid

The MTG-1D top grid provides multiple hanging configurations for M1D ultra-compact curvilinear array loudspeakers and M1D-Sub ultra-compact subwoofer arrays. The MTG-1D grid allows single- or multi-point support and bridles. An adjustable rear extension frame provides flexibility and keeps the point load equal. Up to 16 M1Ds (or the equivalent weight of M1D/M1D-Subs) may be suspended from single or multiple rigging points of appropriate rating, with a safety factor of 7:1.



Product Compatibility

- *M1D*
- *M1D-Sub*

Kit Contents

(PN 40.115.110.01)

- *(1) MTG-1D grid assembly*
- *(2) MG-1D grid links*
- *(8) 5/16" x 1.125" quick release pins*

MUB-1D Mounting U-Bracket

The MUB-1D mounting U-bracket supports single or multiple M1D ultra-compact curvilinear array loudspeakers depending on the mounting configuration. The MUB-1D is a simple yet versatile rigging option that can provide numerous tilt angles for M1Ds and is ideal to mount single cabinets used as front or under balcony fill or any small flown array applications. For large M1D arrays with or without M1D-Subs it is recommended that you use the MTG-1D top grid or MG-1D multipurpose grid.



Product Compatibility

- *M1D*

Kit Contents

(PN 40.115.021.01)

- *(1) MUB-1D U-bracket*

M SERIES PRODUCT

Product Compatibility

- *700-HP*

Kit Contents

(PN 40.137.006.01)

- *(4) MRB-700 rigging bars (shown)*
- *(4) MAL-700 AlignaLinks*
- *(8) 3/8" x 1.125" quick release pins (QRP)*

MRK-700 Rigging Kit

The 700-HP is designed to be rigged using the professional components included in the MRK-700 rigging kit. This optional rigging kit is available installed at the factory or as a field upgrade. The MRK-700 utilizes rugged rigging links and quick release pins to connect adjacent subwoofers in ground-stack or flown array configurations.



Product Compatibility

- *700-HP*

Kit Contents

(PN 40.137.072.01)

- *(1) MTG-700 top grid assembly*
- *(4) MTG-700 AlignaLink*
- *(4) 3/8" x 1.125" quick release pin (QRP)*

MTG-700 Top Grid

The MTG-700 top grid allows 700-HP subwoofers fitted with the MRK-700 rigging kit to be flown in an array. The MTG-700 can accommodate a variety of different pickup configurations using its six pick-up points. Up to 10 700-HPs may be suspended from the MTG-700 using the corner pick-up points on the grid on a single or multiple rigging points of appropriate rating with a safety factor of 7:1.



Product Compatibility

- *700-HP*

Kit Contents

(PN 40.137.002.01)

- *(1) MTG-700 top grid assembly*

MCF-700 Caster Frame

The heavy-duty MCF-700 caster frame is highly durable and easy to attach to a 700-HP ultrahigh-power subwoofer. When you're deploying and striking a 700-HP array, the MCF-700 can support the weight of the array, making it easy to assemble or disassemble by using blocks of up to three 700-HP subwoofers. The MCF-700's rugged steel frame allows use of a forklift. A range of protective transport covers is available. In addition to transport, the MCF-700 supports 700-HP subwoofers in a ground-stacked configuration.



MRF-6 Rigging Frame

The MRF-6 rigging frame allows Meyer Sound MSL-6 horn-loaded high-Q and MSL-5 high-power loudspeakers and the PSW-6 high-power cardioid subwoofer to easily be arrayed. Two frames are recommended per cabinet, top and bottom. Transition between these and MSL-4 horn-loaded long-throw and DS-4P horn-loaded mid-bass loudspeakers fitted with L-Track or with the RFK-1 retrofit frame kit can be achieved utilizing the SMCC-007 or SMCC-009 swiveling multilink connecting chains.



Product Compatibility

- *MSL-6*
- *MSL-5*
- *SMCC*
- *DS-4P*
- *PSW-6*

Kit Contents

(PN 40.053.048.01)

- *(1) MRF-6 rigging frame assembly*
- *(12) 5/16" x 2.25" bolts*
- *(3) .75" x 2.75" stainless steel bolts*

MRFCB-6 Connecting Bar Kit

The MRFCB-6 connecting bar kit consists of two rear and two front connecting bars along with all the necessary pins for vertically joining two MRF-6 rigging frames. The front connecting bars provide for vertical splay adjustments from 0° to 10° in 2° increments.



Product Compatibility

- *MSL-6*
- *MSL-5*
- *PSW-6*
- *MRF-6*

Kit Contents

(PN 40.053.049.01)

- *(2) short connecting bars*
- *(2) long connecting bars*
- *(8) MRF-6 rigging pins*
- *(8) 3/16" lynch pins*

MRFSB-1 Spacer Bar

The MRFSB-1 spacer bar is fitted between two MRF-6 rigging frames when attaching the frames to carpeted MSL-6 horn-loaded high-Q main or MSL-5 high-power loudspeakers or PSW-6 high-power cardioid subwoofers. The MRFSB-1 compensates for the extra width of the carpeted versions.



Product Compatibility

- *MSL-6*
- *MSL-5*
- *PSW-6*
- *MRF-6*

Kit Contents

(PN 40.053.049.01)

- *(1) MRFSB spacer bar*

Product Compatibility

- *MSL-4*
- *DS-4P*

Kit Contents

(PN 40.031.121.12)

- *(1) MTG-4 grid assembly*
- *(6) MTG-4 rigging pins*
- *(6) 5/16" lynch pins*
- *(3) 8 mm clevis pins*
- *(6) 3/16" lynch pins*

MTG-4 Top Grid

The MTG-4 top grid is used for arraying MSL-4 horn-loaded long-throw and DS-4P horn-loaded mid-bass loudspeakers fitted with L-Track or with the RFK-1 retrofit frame kit. The frame's retractable arms are adjustable, even while the system is under load. Loudspeakers can be arrayed at horizontal splay angles of 15˚, 18.75˚, 22.5˚, 26.25˚ and 30˚.



Product Compatibility

- *MSL-4*
- *DS-4P*
- *MTG-4*

Kit Contents

(PN 40.031.121.12)

- *(1) MTGSB-4B spreader bar*
- *(2) shackle/coupling link assemblies*
- *(1) 5/8" shackle*

MTGSB-4B Top Grid Spreader Bar

The MTGSB-4B top grid spreader bar is used to suspend two MTG-4 top grids from a single motor point. All the necessary shackles and connecting links are included. Six pick-up points are provided at each end of the bar to allow the adjustment of spread between vertical columns. The MTGSB-4B replaces the MTGSB-4 spreader bar (PN 40.031.121.08).



Product Compatibility

- *MSL-4/L-Track*
- *DS-4P/L-Track*
- *MRF-6*

PN 40.031.121.11 (SMCC-007)
PN 40.031.121.06 (SMCC-009)

SMCC Swiveling Multilink Connecting Chains

The SMCC swiveling multilink connecting chains suit those applications that require a transition from an MRF-6 rigging frame to MSL-4 horn-loaded long-throw and DS-4P horn-loaded mid-bass loudspeakers fitted with L-Track or with the RFK-1 retrofit frame kit. Two lengths of chain are available. The SMCC-007 provides between 0˚ and 15.5˚ of vertical splay, while the SMCC-009 provides between 0˚ and 19˚ of vertical splay.



MCC Multilink Connecting Chains

Three lengths of the MCC multilink connecting chain are available to suit specific applications. The MCC-007 is used in a similar manner to the SLCC-1 in that it connects the uppermost L-Track-equipped loudspeaker in a vertical column to an MTG-4 top grid. Its extra length allows flexibility in attachment. The MCC-009 provides between 0˚ and 19˚ of vertical splay. The MCC-015 provides between 3˚ and 29˚ of vertical splay.



Product Compatibility

- *MSL-4/L-Track*
- *DS-4P/L-Track*
- *MRF-6*

PN 40.031.121.09 (MCC-007)
PN 40.031.121.05 (MCC-009)
PN 40.031.121.10 (MCC-015)

RCL-1 Rear Connecting Link

The RCL-1 rear connection Link forms the rear attachment between L-Track equipped cabinets and maintains alignment when applying vertical splay.



Product Compatibility

- *MSL-4/L-Track*
- *DS-4P/L-Track*

PN 40.031.121.04

SLCC-1 Single Link Connecting Chain

The SLCC-1 single link connection chain is used to attach the uppermost loudspeaker in a vertical column to an MTG-4 top grid.



Product Compatibility

- *MSL-4/L-Track*
- *DS-4P/L-Track*
- *MTG-4*

PN 40.031.121.07

Product Compatibility

- *MSL-4/L-Track*
- *DS-4P/L-Track*
- *PSW-2*

PN 40.031.121.01

RFK-1 Retrofit Kit

The RFK-1 retrofit frame kit contains two aluminum frames, the necessary cables and L-Track fittings. It is used to integrate non L-Track-equipped MSL-4 horn-loaded long-throw and DS-4P horn-loaded mid-bass loudspeakers and PSW-2 high-power flyable subwoofers into a QuickFly rigging system. Specify exact loudspeaker type when ordering.



Product Compatibility

- *MSL-4/L-Track*
- *DS-4P/L-Track*

L-TRACK

The L-Track option allows MSL-4 horn-loaded long-throw and DS-4P horn-loaded mid-bass loudspeakers to be integrated within the QuickFly rigging system. High-grade, custom aluminum L-Track "rails" are fitted at the factory to the four vertical corners of the cabinets. They attach to strong inner steelwork so all lifting stresses are assumed by the L-Track, bypassing the enclosure. *This option must be ordered from the factory with the loudspeakers. Non L-Track cabinets should utilize the RFK-1 retrofit frame kit (see above).*



Product Compatibility

- *CQ-1*
- *CQ-2*

Kit Contents

(PN 40.041.038.03)

- *(1) MYA-CQ mounting yoke assembly, including Manfrotto universal adapter*
- *(2) M10 nut plates*
- *(2) .5 mm 222 Loctite*
- *(2) M10 knob bolts*

MYA-CQ Mounting Yoke Assembly

The cradle-style MYA-CQ mounting yoke assembly provides extremely flexible mounting and aiming for a single CQ-1 wide coverage main or CQ-2 narrow coverage main loudspeaker. The cabinet must be fitted with two M10 nut plates (included) on its base. A hanging clamp ("C" or "G" type) and a steel safety cable are required (not supplied as a part of the yoke assembly kit).



MRF-CQ40 Rigging Frame

The MRF-CQ40 rigging frame arrays CQ-2 narrow coverage main loudspeakers at a fixed 40˚ splay angle. It requires MRFPB-CQ rigging frame pick-up bar for hanging and tilting. The loudspeaker cabinet must be fitted with ring and stud lifting hardware (not supplied as a part of the frame assembly kit).



Product Compatibility

- *CQ-2*

Kit Contents

(PN 40.046.038.15)

- *(1) MRF-CQ40 rigging frame*
- *(2) clevis pins*
- *(2) 3/16" lynch pins*

MRF-CQ30 Rigging Frame

The MRF-CQ30 rigging frame arrays CQ-2 narrow coverage main loudspeakers at a fixed 30˚ splay angle. It requires MRFPB-CQ rigging frame pick-up bar for hanging and tilting. The loudspeaker cabinet must be fitted with ring and stud lifting hardware (not supplied as a part of the frame assembly kit).



Product Compatibility

- *CQ-2*

Kit Contents

(PN 40.046.038.11)

- *(1) MRF-CQ40 rigging frame*
- *(2) clevis pins*
- *(2) 3/16" lynch pins*

MRFPB-CQ Rigging Frame Pick-Up Bar

The MRFPB-CQ rigging frame pick-up bar is placed between two MRF-CQ rigging frames and/or on the ends providing multiple pick-up points for tilting the array.



Product Compatibility

- *CQ-2*
- *MRF-CQ*

Kit Contents

(PN 40.046.038.12)

- *(1) MRF-CQ pick-up bar*
- *(3) bolts with nuts and lynch pins*

CONCERT SERIES PRODUCT

ULTRASERIES PRODUCT

Product Compatibility

- *Type 4 (MSL-4, PSW-4, PSW-2, DS-2P, MSL-3A, DS-2)*
- *Type 6 (MSL-6, PSW-6, MSL-5)*
- *Type 2 (MSL-2A, MSW-2)*

PN 45.031.036.01 (Type 4 – shown)
PN 45.022.029.01 (Type 6)
PN 45.031.036.02 (Type 2)

CASTER BOARDS

Caster boards are available for transporting one Meyer Sound type 4, type 6 or type 2 loudspeaker.



Product Compatibility

- *UPA-2P*
- *MRFPB-UPA*

Kit Contents

(PN 40.077.038.09)

- *(1) MRF-UPA30 rigging frame*
- *(2) clevis pins*
- *(2) 3/16" lynch pins*

MRF-UPA30 Rigging Frame

The steel MRF-UPA30 rigging frame is used for arraying UPA-2P compact narrow coverage loudspeakers at fixed 30˚ splay angles. The MRFPB-UPA rigging frame pick-up bar is required for hanging and tilting. Also, UPA-2Ps must be equipped with ring and stud (not supplied as a part of the frame kit).



Product Compatibility

- *UPA-2P*
- *MRF-UPA30*

Kit Contents

(PN 40.077.038.10)

- *(1) MRFPB-UPA rigging frame pick-up bar*
- *(3) bolts with nuts and lynch pins*

MRFPB-UPA Rigging Frame Pick-Up Bar

The MRFPB-UPA rigging frame pick-up bar is placed on the ends of and/or between two MRF-UPA30 rigging frames to provide multiple points for tilting a UPA-2P compact narrow coverage loudspeaker array.



MYA-UPA Mounting Yoke Assembly

The cradle-style MYA-UPA mounting yoke assembly is available for a single UPA-1P compact wide coverage or UPA-2P compact narrow coverage loudspeaker. The cabinet must be fitted with two M10 nut plates (included) on its base. A hanging clamp ("C" or "G" type) and a steel safety cable are required (not supplied as a part of the yoke assembly kit).



Product Compatibility

- *UPA-2P*

Kit Contents

(PN 40.076.038.02)

- *(1) MYA-UPA mounting yoke assembly, including Manfrotto universal adapter*
- *(2) M10 nut plates*
- *(2) .5 mm 222 Loctite*
- *(2) M10 knob bolts*

MSMP-UPA Stand Mount Plate

The custom MSMP-UPA stand mount plate is available for the UPA-1P compact wide coverage and UPA-2P compact narrow coverage loudspeakers. It accepts an Atlas or an Ultimate Support BMB-200K "top hat" adapter (not included).



Product Compatibility

- *UPA-1P*
- *UPA-2P*

Kit Contents

(PN 40.076.056.01)

- *(1) 15-ply birch mounting plate*
- *(2) M10 hex head bolts*
- *(2) each 3/8-16 x 5/16" hex head bolts*
- *(2) pear-shaped spring snaps*

MLB-UPJ L-Bracket

A pair of MLB-UPJ L-brackets allows the UPJ-1P loudspeaker to be mounted to a wall, ceiling, floor or stage lip. The MLB-UPJ L-brackets can be oriented toward or away from the loudspeaker, providing maximum flexibility for positioning and securing the L-bracket according to the needs of the design and/or the venue.



Product Compatibility

- *UPJ-1P*

Kit Contents

(PN 40.134.040.01)

- *(2) MLB-UPJ L-brackets*
- *(2) M8 x 16 mm bolts*

Product Compatibility

- *UPJ-1P*

Kit Contents

(PN 40.134.035.01)

- *(2) MYA-UPJ mounting yokes*
- *(2) M8 bolts*

MYA-UPJ Mounting Yoke

The MYA-UPJ cradle-style mounting yoke suspends a single UPJ-1P loudspeaker and allows a wide range of horizontal and vertical adjustment. A "C" or "G" clamp and a steel safety cable are required (not supplied).



Product Compatibility

- *UPJ-1P*

Kit Contents

(PN 40.134.030.01)

- *(2) MAA-UPJ array adapter plate*
- *(8) M8 hex head bolts*
- *(8) flat washers*
- *(16) nylon washers*

MAA-UPJ Array Adapter

The MAA-UPJ array adapter provides a solid connection between multiple UPJ-1P loudspeakers to form a horizontal or vertical array of up to three cabinets. The front adjustment slot is used to increase or decrease the distance between the front of the loudspeakers and achieve the desired angle. Eyebolts can be attached to the MEP-UPJ end plate or to the MAA-UPJ to provide pick-up points. In addition, the MAA-UPJ's rear pick-up holes can be used for additional support or for pull back to better control the vertical coverage of the array.



Product Compatibility

- *UPM-1P*
- *UPM-2P*

Kit Contents

(PN 40.066.040.01 – 3/8; PN 40.066.040.02 – M10)

- *(1) MUB-UPM U-bracket*
- *(2) 2" O/D cork washers*
- *(2) 3/8-16 or M10 hex head bolts*

MUB-UPM U-Bracket

The MUB-UPM U-bracket is ideal for a wide variety of mounting applications, for example, on a stage lip, a ceiling or a wall or other flat surface. The U-bracket is versatile and meets the common mounting needs of the UPM-1P ultra-compact wide coverage or UPM-2P ultra-compact narrow coverage loudspeaker. Includes necessary hardware.



MYA-UPM Mounting Yoke Assembly

The cradle-style MYA-UPM mounting yoke assembly suspends a single UPM-1P ultra-compact wide coverage or UPM-2P ultra-compact narrow coverage loudspeaker and allows almost infinite adjustment of horizontal and vertical orientation. Two M10 nut plates and 3/8" screws are included in the assembly kit. A hanging clamp ("C" or "G" type) and a steel safety cable are required (not supplied as a part of the yoke assembly kit).



Product Compatibility

- *UPM-1P*
- *UPM-2P*

Kit Contents

(PN 40.084.038.01)

- *(1) MYA-UPM mounting yoke assembly*
- *(2) 3/8-16 or M10 knobs*

MPK-UMS Pole Mount Kit

The MPK-UMS pole mount kit includes a pole assembly and a stand adapter. The stand adapter attaches to a UPM-1P ultra-compact wide coverage or UPM-2P ultra compact narrow coverage loudspeaker fitted with an M10 or 3/8" nut plate. The pole slots into the mounting receptacle fitted as standard to the UMS-1P ultra-compact subwoofer.



Product Compatibility

- *UPMA-1P*
- *UPM-2P*
- *UMS-1P*
- *MSA-UPM*

Kit Contents

(PN 40.086.014.01)

- *(1) MSA-UPM stand adapter*
- *(1) 43", 1 3/8" diameter pole assembly*

MSA-UPM Stand Asapter

The MSA-UPM stand adapter allows a 3/8-16" or M10 equipped UPM-1P ultra-compact wide coverage or UPM-2P ultra compact narrow coverage loudspeaker to be mounted onto a 1 3/8" (35 mm) diameter pole (not provided).



Product Compatibility

- *UPM-1P*
- *UPM-2P*
- *MPK-UMS*

Kit Contents

(PN 40.086.013.01)

- *(1) stand adapter flange*
- *(1) 3/8-16 or M10 hex head bolt*
- *(1) M10 x 35 mm hex head bolt*
- *(2) 2" O/D cork washers*

Product Compatibility

- *SB-1*

Kit Contents

(PN 45.049.066.01)

- *(1) MYA-SB1 mounting yoke assembly*
- *(6) 5/16" x 1" stainless steel bolts*

MYA-SB1 Mounting Yoke Assembly

The tubular steel MYA-SB-1 mounting yoke assembly supports the SB-1 parabolic long-throw sound beam from its two side-mounted pivot blocks. The yoke assembly inlcudes the necessary hardware to allow the SB-1 to be tilted for aiming.



Product Compatibility

- *SB-2*

Kit Contents

(PN 40.108.025.01)

- *(1) suspension yoke assembly*
- *(2) vertical link tabs (removable)*

MYA-SB2 Mounting Yoke Assembly

The steel MYA-SB2 mounting yoke assembly holds the SB-2 sound beam from its two side-mounted pivot blocks. The yoke assembly includes the necessary hardware to allow the SB-2 to be tilted for aiming, and provides side attachment points that permit multiple SB-2s to be arrayed horizontally (requires HAK-SB2 kit) or vertically (requires VAK-SB2 kit).



Product Compatibility

- *MM-4*

Kit Contents

(PN 40.091.016.01)

- *(1) MUB-MM4 U-bracket*
- *(2) 3/8-16 x 1" hex head bolts*

MUB-MM4 U-Bracket

The MUB-MM-4 U-Bracket is ideal for a wide variety of surface mounting applications, for example, on a stage lip, a ceiling or a wall or other vertical structure. The U-Bracket is versatile and meets the MM-4's most common mounting needs. The kit includes all necessary hardware.

*Note: When maximum flexibility in aiming is desirable or necessary, a third-party articulated ball mount may be used (such as the OmniMount range). The MUB-MM4 U-Bracket is designed to easily integrate with this type of device.



MFMA-MM4 Flush Mount Adapter

The MFMA–MM4 flush mount adapter provides all the necessary hardware to allow the MM–4 ultra–compact wide–range loudspeaker to be installed in a standard 8" (203 mm) flush mount baffle. An inner baffle is provided to “mask off” the circular perforated area in the flush mount baffle’s face and couple the MM–4 to the ceiling plane. Custom brackets provide for secure and accurate mounting.



Product Compatibility

- *MM–4*

Kit Contents

(PN 40.091.016.02)

- *(2) L–ceiling adapters*
- *(2) 3/8–16 x 1" screws*

(1) inner baffle

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