



MRMC PTA-2 Robotic Arm Robotic Broadcast Camera Platform Owner's Manual

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PRODUCT OVERVIEW AND DESCRIPTION



The PTA-2 is a robotic camera platform specifically designed for supporting heavier broadcast cameras and lenses in studio applications. The PTA-2 carries up to 25kg when used with optional sidearm and 15kg as standard, giving customers more flexibility when deploying autonomous camera solutions.

SPECIFICATIONS



FULL REMOTE OPERATION/ PRODUCTION



EASY-TO-USE CONTROL INTERFACE



QUICK-TO-USE MODULAR SYSTEM



15KG STANDARD 25KG WITH SIDEARM

STUDIO PRODUCTION

The PTA-2 delivers smooth motion with quiet operation, ideal for all studio applications. When used with MRMC or similar prompters, the PTA-2 can become the prime camera mover. It can also be used on MRMC robotic columns or rails, helping you find the best shot or automate the production process. You could even include MRMC Polymotion Chat for full automation with natural motion.

REMOTE PRODUCTION

The PTA-2 enables cameras to be positioned in otherwise inaccessible places – with appropriate protection from the elements – with broadcasters able to operate the cameras remotely, perhaps from a truck or remote studio. The mass nodal configuration is compact on any rig and may be inverted.

TECHNICAL INFORMATION

Size of operational space	~ 1m3 / ~ 39in3
Self weight	20kg / 44 lb
Payload mass	Up to 25kg / 55lb with sidearm 15kg / 33lb standard
Payload inertia	1.5kgm2

Absolute pan	720° (subject to cabling)
Tilt	+/- 45 ° (typical – limited by camera payload dimensions)
Axes Speed (both axes)	180°/s
Axes Speed for Studios	45°/s

Connections	RJ45 (1000Base-T) SDI pass-through for camera (3G max. output 1080p 50/59/60 fps) Genlock
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Power	90-240V Auto-ranging: 3A @240V max
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CUSTOMERS SUPPORT



MARK ROBERTS MOTION CONTROL
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EMAIL: info@mrmoco.com
www.mrmoco.com



Documents / Resources



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