

# AFC ROBOTIC HEAD

AUTOMATED BROADCAST ROBOTICS

BROADCAST



**360° MOVEMENT**  
AT UP TO 180° A SECOND

**SUPPORTS ANY CAMERA**  
UP TO 15KGS

**SIMPLE CABLING**  
ALL OF THE CABLES PASS THROUGH  
THE UNIT FOR TANGLE FREE OPERATION

The AFC head is the ideal choice for a wide range of broadcast applications, ranging from studio camera robotics to sports production and live events. Speeds of up to 180° per second can be achieved whilst a high payload capacity offers support for full studio build-up kits including cameras, teleprompters and accessories. With a small footprint, the AFC head is the perfect choice for getting close to the action without compromising picture quality. The art of fluid motion is perfectly realised through the very latest in precision motors and high-resolution gearing, together with control interfaces carefully designed to maximise the operator's creative direction.



A Nikon Company

**MRMC**  
BROADCAST

# AFC ROBOTIC HEAD



REMOTE  
VIDEO  
CAPTURE



FULL REMOTE  
CONTROL OF  
CAMERA CAPTURE



RELIABILITY  
OF VIDEO AND  
STILL CAPTURE



EASY TO USE  
CONTROL  
INTERFACE



QUICK TO  
USE MODULAR  
SYSTEM

## AFC-100

The AFC-100 head is the ideal choice for a wide range of broadcast applications ranging from studio camera robotics to live events and sports production. Speeds of up to 100° per second can be achieved whilst a high payload capacity offers supports for full studio build-up kits including cameras, teleprompters and accessories.

## AFC-180

The AFC-180 head offers exceptional speed and performance from a compact head. With pan speeds of up to 180° per second, is ideal for following fast moving targets track-side, whilst high bandwidth slip rings offer unlimited pan rotation.



## CONTROL

For televised live sports and events, having the right interface is essential for successfully combining remote control and natural looking motion. MRMCO's Joystick and Pan Bar control systems offer the best available translation of operator commands into smooth and precise camera shots. Our studio control software provides an ideal framework for today's integrated studio environments. Multiple camera positions can be easily controlled from a single operator pre-programmed moves and positions executable via a simple touch screen interface. Integration with virtual graphics and automation systems, as well as an open API for direct control from 3rd party products and software are also supported.



## EASY DEPLOYMENT

Integrated I/O and optional slip rings allow for easy field deployment and simplified camera cabling. Lens control of digital and manual lenses are also built-in, further reducing cable runs. Fibre and wireless interfaces are available to extend the AFC and camera RCU operating distances.

## SPECIFICATIONS

### Weight

▶ 5kg

### Camera Payload

▶ Up to 15kg

### Max Speed

▶ Up to 100°/sec (180°/sec on AFC-180)

### Acceleration

▶ 100°/sec<sup>2</sup> (300°/sec<sup>2</sup> on AFC-180)

### Dimensions

▶ 320 x 268 x 156mm

### Power

▶ 24 VDC / 110-240 VAC

### Resolution

▶ <0.0001°



MARK ROBERTS MOTION CONTROL

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