

## Micro Remote Head



- **Weatherproof**
- **Rugged**
- **Inverted or Upright Mounting**
- **64 pre-set positions**
- **Built-in camera protocols**
- **Wide voltage range**

By popular demand, a *really* tiny remote head. The **Micro L Head (μL Head)** is just 90mm (approx. 3.6 inches) tall and is possibly the smallest remote head of its type ever!

Suitable for the emerging range of micro cameras and, like the one in the picture, it's already waterproof. This combination offers both indoor and outdoor shot possibilities previously unattainable.

The input voltage is from 12v to 35v offering a huge range on a cable if you increase the supply voltage from 12v. There is a built-in camera power supply delivering a constant 12v to the camera socket as well as camera control data.

Unusually for a head as small as this, the input socket for power and control data is on the fixed base. This allows for better freedom of movement, with the camera socket on the moving part with the camera.

There are also 2 safety bond points on different faces of the base. There should always be one accessible, even in tight spaces.

And if you want to hang it upside down – no problem. There are 3x M4 mounting threads as well as a ¼" camera thread on the base.



## Control

Control can be from any BR Remote controller although the new **Micro Joystick** might well suit many users. The simple control protocols are available to enable integration into other control systems.



Several camera protocols are built into the **µL Head**. This enables both camera control and Pan/Tilt control from the same or separate controllers. BR Remote offers many options for control, including IP Converters, Fibre Converters and Radio Control.

The unit is fitted with 2 genuine Lemo connectors and supplied with a control/power cable also fitted with a genuine Lemo connector and a Neutrik XLR connector. Camera connection cables can also be supplied on request.

## Pre-set positions

Like all our remote heads and cameras, the **µL Head** can store up to 64 pre-set positions. Moves to pre-set positions can be triggered from the controller or externally with a GPIO unit or remote data input to the control network. You can even interrogate the head for its current position.

## Mechanical & Environmental

The unit is all aluminium, fully machined and with only steel or brass gears. This makes it extremely strong and durable. It has seals on both shafts and the covers and can be used outside in the weather without any further protection.

Slipping clutches are fitted to both axes to protect the motors and gearboxes. Unlike many remote heads, these clutches prevent damage whilst rigging and during operation and can be adjusted.

3 camera plates are supplied to suit different cameras, **Dreamchip, Marshall, Go-Pro** etc. There is also a drop spacer to lower the camera plate for taller cameras.



Power:	12 – 35v @ 0.5A + camera
Camera power:	12v @ 1A
Data:	RS485
Payload:	400gm. 20 – 60mm wide
Weight:	256 gms
Cam Protocols:	RS485, RS232 Marshall, Dreamchip, (others by request)
Pan Range:	350 deg.
Tilt Range:	360 deg.
Environmental:	IP65 (with plugs)

