

# Marshall

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# CV-PT-HEAD

Micro PT Head



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## CV-PT-HEAD

Micro PT Head



**Rugged IP65 weatherproof micro-sized body that can be mounted upright via 1/4"-20 mount holes under base or inverted (camera with image flip).**

**Featuring 64 preset positions, built-in camera control and power with wide voltage range.**

The **CV-PT-HEAD** Micro PT Head is just 90mm (approx. 3.6 inches) tall and is possibly the smallest remote head of its type ever!

Suitable for Marshall CV500-series cameras, such as CV503, CV506, CV565, CV566, and because **CV-PT-HEAD** is already weatherproof, best suited for use with the CV503-WP weatherproof cameras. 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 1/4"-20 camera thread on the base.



## Control

Control can be sent from any controller although the new **CV-MICRO-JYSTK BR** Remote might well be best mini joystick on the market with thumb joystick. The simple control protocols are available to enable integration into other control systems.

Several camera protocols are built into the CV-PT-HEAD. This enables both camera control and Pan/Tilt control from the same controller or multiple controllers. Marshall offers many control options, some with a more complete suite of setting adjustment capabilities.



## Pre-set positions

Like all BR remote heads, the **CV-PT-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 required.

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

Camera plate suited for Marshall CV500-series cameras is included in box. There is also a drop spacer to lower the camera plate for taller cameras.

Power:	12 – 35v @ 0.5A + camera
Camera power:	12v @ 1A
Weight:	250gm.
Payload:	400gm. 20 – 60mm wide
Cam Protocols:	Marshall VISCA
Pan Range:	350 deg.
Tilt Range:	360 deg.
Environmental:	IP65 (with plugs)

