

# Rx 450 Panasonic compatible telemetry receiver



## ***Application Notes***

The RX 450 is designed to control AC pan & tilt heads via Panasonic telemetry control systems operating on RS485.

The receiver offers system designers the option of using traditional P/T/Z heads for applications where it is necessary to specify a range of camera/lens combinations.

## ***Features***

- Up to 32 pre-set full scene positions.
- Responds to alarm inputs.
- Video launch amplifier provides loss compensation for optimum picture quality.
- Choice of input voltages.
- IP67 enclosure.
- 12Vdc Camera supply provided.
- PAL/NTSC compatible.
- Iris override provided
- Inching function provides fine lens control
- Serial port for control of camera features.
- On Screen Display with programming menu.
- Simple to install. No specialised knowledge required.

# Rx 450



## Technical Specification

<b>Power Requirements</b>	110 - 230Vac (24Vac option)
<b>Max Load</b>	5A @ 230V
<b>Receiver Current Draw</b>	24VA max
<b>Fuses</b>	Receiver fuse F1 3.15A TR4 Auxiliary fuse F2 5A T 20mm
<b>Outputs</b>	8 single pole relays (snubbed) 1. Left Motor 5. Autopan (Interlocked with Pan) 2. Right Motor 6. Lights (1000W max) 3. Up Motor 7. Wash 4. Down Motor 8. Wipe
<b>Facilities</b>	LED readout for continual system status. Programming menu with On Screen Display.
<b>REMOTELY ADJUSTABLE</b>	Video launch amplifier provided with cable length adjustment 12Vdc camera power provided. Colour coded outlets – live, neutral, earth, low voltage. 24Vac output option available.
<b>Telemetry Signal</b>	2 wire RS485 - Panasonic compatible.
<b>Auto Iris Output</b>	Returns to original setting 15 seconds after key release. Level programmable from controller.
<b>Video Input</b>	1v p-p 75Ω terminated input via BNC socket.
<b>Video Output</b>	1v to 4v p-p 75Ω impedance via BNC socket.
<b>Lens Drive</b>	
<b>REMOTELY ADJUSTABLE</b>	Adjustable via menu between 3 and 12 volts. Inching speed selectable via menu between 0 - 100% of full lens speed. 1 second inching built in. Provides drive for Zoom & Focus. Each lens drive carries a bi-colour LED to indicate direction and drive voltage.
<b>Presets</b>	Inputs are provided for pan, tilt, zoom & focus preset feedback pots. These are 10 bit resolution. Upto 32 full- scene presets can be stored within the Rx450, i.e. pan, tilt, zoom, focus.
<b>Other Outputs</b>	Serial port available to drive advance features on selected cameras.
<b>Boxed dimensions</b>	Width: 280mm Length: 190mm Height: 130mm
<b>Boxed weight</b>	2.0Kg
<b>Temperature range</b>	-10°C to +40°C



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