

**RX55X**

## Advanced Multiple Protocol Telemetry Receiver for 24Vdc Heads



### Application Notes

The RX55X MK5 is designed to control variable speed DC pan & tilts heads from BBV and Baxall up-the-coax, and a range of RS485/422 telemetry protocols.

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

- 230Vac / 110Vac input switch selectable operation; 24Vac is a factory fitted option
- 32 full preset scenes are programmable
- On-screen display for remote configuration and menu programming
- LCD display for local configuration and menu programming
- Privacy Zones
- 8 local alarm inputs and one alarm output to minimise cabling requirements
- Built in remotely adjustable launch amplifier provides cable loss compensation for optimum picture quality
- Auxiliary output voltage switch selectable; Supply voltage / 24Vac
- 12Vdc 500mA camera supply provided
- Iris override provided
- Inching function provides fine lens control
- PAL / NTSC compatible
- IP67 weather proof enclosure
- Simple to install; no specialised knowledge required

### Supported Protocols (V36 software)

BBV, Baxall Standard & Alternate Up-The-Coax, BBV 20mA (via additional 20mA Converter), BBV RS422, Coe RS485, Dennard RS485, Meyertech, Molyntx RS485, Pelco P, Pelco D, Philips RS485 (Bi-Phase via optional card), Sensormatic/AD RS422, Sony RS422, VCL/Honeywell RS485 & Vicon RS422



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## Technical specification

<b>Power supply</b>	230Vac / 110Vac; 24Vac factory fitted option
<b>Max load</b>	5A @ 230V
<b>Max current draw</b>	100VA assuming 2A each for pan and tilt
<b>Fuses</b>	Secondary F1 automatically resetting thermal fuse Primary Fuse F2 TR 3.15A Auxiliary Fuse F3 5A T 20mm
<b>Outputs</b>	Linear 0-24Vdc output for pan and tilt motor drive for 4 wire pan/tilt heads Switched 24Vdc output for pan and tilt drive Red and green LEDs show direction and speed for each axis
<b>Features</b>	On-screen display for remote configuration and menu programming LCD display for local configuration and menu programming LED readout for continual system status Video launch amplifier provided with cable length adjustment 12Vdc camera power outlet provided Colour coded outlets – live, neutral and earth, low voltage
<b>Video input</b>	1V p-p 75 ohm terminated input via BNC socket
<b>Video output</b>	1V to 4 V p-p 75 ohm impedance via BNC socket
<b>Auto iris output</b>	Returns to original setting 15 seconds after key release. Level programmable from either local or remote controller
<b>Lens drive</b>	Adjustable via menu between 3 – 12Vdc from receiver and remotely from configuration menu. Inching speed selectable via menu between 0-12V. One second inching built in. Provides drive for zoom and focus. Each lens drive carries red and green LEDs to indicate direction and drive voltage
<b>Preset Positioning</b>	Inputs are provided for pan, tilt, zoom & focus preset feedback pots. These are 10 bit resolution for zoom & focus, 13 bit for pan & tilt. Up to 32 full-scene presets can be stored within the receiver i.e. pan, tilt, zoom, focus for each position. (16 full-scene presets in BBV & Baxall up-the-coax telemetry)
<b>Installation</b>	Supplied in a molded polycarbonate box rated to IP67. The box has mounting holes allowing easy installation
<b>Dimensions</b>	Width: 380mm      Depth: 190mm      Height: 130mm
<b>Weight</b>	3.6Kg
<b>Rating</b>	IP67
<b>Temperature range</b>	-10C to +40C



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