

### **Pentax Cameras with Remote Control Switch Interface**

These cameras are bundled with a special Infrared Remote Interface that can be used to remotely trigger the camera shutter and take photos. The IR emitter cable allows the remote and switch to be mounted behind the camera within reach of the user. The interface works with Pentax Optio-S10; Optio-S12; Optio-A40.

The user can access both the shutter and zoom functions with the same switch or use two switches, one for each function.



### **Recommended Camera Settings**

See *Using Remote Control* section of manual to set the camera to work with the remote

- Press Top Button on Four-Way Controller, then choose 'Drive Mode, 0 sec Remote Control'
- Press OK – the self timer lamp flashes slowly and the camera is ready for taking pictures with the Remote.

See *Saving the Menu Items (Memory)* section of manual to save Drive Mode Settings – so that camera powers up every time with the Remote Control drive mode already active:

- Press the Menu Button, then select Memory
- Make sure that the Drive Mode box is ticked
- Press OK twice to save

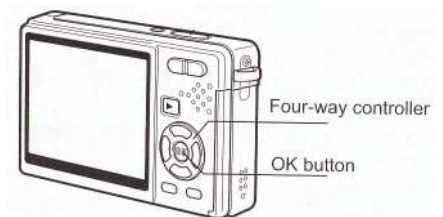
See *Camera Settings* section of manual to disable **Auto Power Off** – because the user can't turn the camera on with the remote.

This may consume more power as the camera may be on for longer periods but you can reduce power consumption by setting the **Power Save** so that the screen goes dim when the camera is not in use.

- With camera in playback mode, press the Menu Button, then select **Power Saving** (here you can set the time till the screen goes dim to save power – and press OK)
- Then select **Auto Power Off** (here you should select **OFF** so that the camera will not power down)
- Press OK then Menu to exit

### **Setup**

- Fit 2 x AA Batteries to the *Camera Remote Control*
- Plug user's switch into the *Camera Remote Control*
- Position the switch to suit the user
- Position the camera to suit the user
- Plug the infrared extender into the *Camera Remote Control*
- Press ON/OFF to turn camera on - the self timer lamp flashes slowly - if not, check the camera 'Drive Mode' settings above



### **Single Switch Operation**

1. Press and hold switch activated - a zoom signal will be sent every 2 seconds while switch remains activated – the camera steps through three zoom settings - wide, medium & telephoto
2. Release the switch when the desired zoom setting is achieved
3. Press switch briefly to activate the shutter. (switch press of a short duration)
4. The *Camera Remote Control* will beep each time an infrared signal is sent

### **Two Switch Operation**

1. Press Switch One to activate the shutter
2. Press Switch Two and the camera will step to the next of three zoom settings - wide, medium & telephoto

### **Test Infrared**

- Position the infrared extender temporarily on or near the front of the camera
- Press user's switch and check that the camera responds to the signal
- Reposition the infrared extender till reliable operation is achieved, then if desired, permanently attach the infrared extender in this position
- **If the camera fails to respond**, replace the batteries in the *Camera Remote Control* and check the camera 'Drive Mode' settings

### **Mounting The Camera**

Typically the camera can be attached, with suitable mounting hardware, to the front of the user's wheelchair. A suitable switch or switches can be plugged in to the interface and positioned to suit the user. If the camera is mounted on a motorised wheelchair, it effectively becomes a mobile tripod. Use the wheelchair controls to manoeuvre left and right, into the best position for the shot - the wheelchair tilt can even be used to tilt up and down. Users with enough hand function may be able to use a camera mount with a 'Pan Tilt' handle to more accurately frame the shot.

#### **Camera Mount - Simple**

Our Universal Switch Mount can be fitted with a camera bracket and used to mount the camera on to a wheelchair or as desired.

#### **Camera Mount - Pan/Tilt (Pictured)**

Add a Pan/Tilt adaptor to the Universal Switch Mount for better control of camera positioning. This may suit those with enough hand function to move the pan/tilt handle.

A switch that best suits the user as well as a range of camera mounting and switch mounting hardware are available from Technical Solutions Australia – please feel free to call for advice.

