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*AHELP for CIAO 3.4*

## **pix\_set\_grating**

Context: [pixlib](#)

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### **Synopsis**

Set the grating arm and order to use in the pixlib module.

### **Syntax**

```
pix_set_grating( String_Type arm )  
pix_set_grating( Integer_Type order )  
pix_set_grating( String_Type arm, Integer_Type order )
```

### **Description**

This function allows you to set the grating arm and order to use in the pixlib routines. The valid values for arm are "HEG", "MEG", or "LEG".

### **Example 1**

```
pix_set_grating( "HEG" )
```

### **Example 2**

```
pix_set_grating( 1 )
```

### **Example 3**

```
pix_set_grating( "HEG", 1 )
```

### **Bugs**

See the [bugs page for the pixlib library](#) on the CIAO website for an up-to-date listing of known bugs.

## See Also

*modules*

[pixlib](#)

*pixlib*

[pix\\_disp\\_config](#), [pix\\_set\\_aimpoint](#), [pix\\_set\\_detector](#), [pix\\_set\\_fpsys](#), [pix\\_set\\_gdpsys](#), [pix\\_set\\_gzo](#),  
[pix\\_set\\_simoffset](#), [pix\\_set\\_tdetsys](#)

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URL:  
[http://cxc.harvard.edu/ciao3.4/pix\\_set\\_grating.html](http://cxc.harvard.edu/ciao3.4/pix_set_grating.html)  
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