

Command:RDADC (RA)

MS2000 Syntax and Function

Shortcut	RA
Format	RA [X] [Y] [Z] [F]

Returns the present values on the MS2000's 4-channel ADC. The X and Y channels are used for the joystick. The Z and F channels may be used for special applications, e.g. Autofocus or ADC_LOCK and ADC_FOLLOW modes of controlling the stage. Special firmware is required for these applications.

Example

```
RA X Y
:A 128 128
```

Shows typical ADC values for a centered joystick.

Tiger and TGPMT Syntax and Function

Shortcut	RA
Format	[addr#]RA [X?] [Y?]
Units	integer
Type	Card-Addressed
Remembered	Not Applicable

On a TGPMT card in a Tiger Controller , this is a Read Only command. It reports PMT signal read thru an ADC onboard the TGPMT card.

X? Returns the ADC reading of PMT0

Y? Returns the ADC reading of PMT1

[ADC Specification can be found here.](#)

Example

If the TGPMT card address was **7**,

```
7 rdadc x? y?
:A 2 1
```

"2" is the ADC reading from PMT0 , and "1" is the ADC reading from PMT1

```
7 ra x? y?
:A 2 1
```

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