

## ^JH – Early Warning Settings


**Description** The ^JH command configures the early warning messages that appear on the LCD.

### Supported Devices

- ZE500 series
- *XiIII*, *XiIIIPlus*, *Xi4*, *RXi4*
- *PAX3*, *PAX4*
- ZM400, ZM600, RZ400, RZ600
- S4M
- G-Series (“F” parameter only)

**Format** ^JHa,b,c,d,e,f,g,h,i,j

Parameter	Details
a = early warning media a = supplies warning ( <i>Xi4</i> and <i>RXi4</i> printers only)	This parameter is for <i>XiIIIPlus</i> , <i>Xi4</i> , <i>RXi4</i> , <i>PAX3</i> , and <i>PAX4</i> printers only. <i>Accepted Values:</i> E = enable D = disable <i>Default Value:</i> D
b = labels per roll	This parameter is for <i>XiIIIPlus</i> , <i>PAX3</i> , and <i>PAX4</i> printers only. <i>Accepted Values:</i> 100 to 9999 <i>Default Value:</i> 900
c = media replaced	This parameter is for <i>XiIIIPlus</i> , <i>PAX3</i> , and <i>PAX4</i> printers only. <i>Accepted Values:</i> Y = yes N = no <i>Default Value:</i> N

Parameter	Details																																				
d = ribbon length	<p>This parameter is for <i>XiIIIPlus</i>, <i>PAX3</i>, <i>PAX4</i>, and <i>ZE500</i> printers only.</p> <p><i>Accepted Values:</i></p> <p><b><i>XiIIIPlus</i> series printers:</b></p> <table> <tr> <td>N = 0M</td> <td></td> </tr> <tr> <td>0 = 100M</td> <td>4 = 300M</td> </tr> <tr> <td>1 = 150M</td> <td>5 = 350M</td> </tr> <tr> <td>2 = 200M</td> <td>6 = 400M</td> </tr> <tr> <td>3 = 250M</td> <td>7 = 450M</td> </tr> </table> <p><b>PAX series printers:</b></p> <table> <tr> <td>N = 0M</td> <td>7 = 450M</td> </tr> <tr> <td>0 = 100M</td> <td>10 = 600M</td> </tr> <tr> <td>1 = 150M</td> <td>11 = 650M</td> </tr> <tr> <td>2 = 200M</td> <td>12 = 700M</td> </tr> <tr> <td>3 = 250M</td> <td>13 = 750M</td> </tr> <tr> <td>4 = 300M</td> <td>14 = 800M</td> </tr> <tr> <td>5 = 350M</td> <td>15 = 850M</td> </tr> <tr> <td>6 = 400M</td> <td>16 = 900M</td> </tr> </table> <p><b>ZE500 series printers:</b></p> <table> <tr> <td>N = 0M</td> <td>4 = 300M</td> </tr> <tr> <td>0 = 100M</td> <td>5 = 350M</td> </tr> <tr> <td>1 = 150M</td> <td>6 = 400M</td> </tr> <tr> <td>2 = 200M</td> <td>7 = 450M</td> </tr> <tr> <td>3 = 250M</td> <td>10 = 600M</td> </tr> </table> <p><i>Default:</i></p> <p>1 - for 96<i>XiIIIPlus</i> 7 - for all other printers</p>	N = 0M		0 = 100M	4 = 300M	1 = 150M	5 = 350M	2 = 200M	6 = 400M	3 = 250M	7 = 450M	N = 0M	7 = 450M	0 = 100M	10 = 600M	1 = 150M	11 = 650M	2 = 200M	12 = 700M	3 = 250M	13 = 750M	4 = 300M	14 = 800M	5 = 350M	15 = 850M	6 = 400M	16 = 900M	N = 0M	4 = 300M	0 = 100M	5 = 350M	1 = 150M	6 = 400M	2 = 200M	7 = 450M	3 = 250M	10 = 600M
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e = ribbon replaced	<p>This parameter is for <i>XiIIIPlus</i>, <i>PAX3</i>, and <i>PAX4</i> printers only.</p> <p><i>Accepted Values:</i></p> <p>Y = yes N = no</p> <p><i>Default Value:</i> N</p>																																				
f = early warning maintenance	<p>This parameter is for <i>Xi4</i>, <i>RXi4</i>, <i>PAX4</i>, <i>ZM400</i>, <i>ZM600</i>, <i>RZ400</i>, <i>RZ600</i>, and <i>S4M</i> printers only.</p> <p><i>Accepted Values:</i></p> <p>E = enabled D = disabled</p> <p><i>Default Value:</i> D</p> <p> <b>Important</b> • On G-Series printers, this parameter must be enabled for the ^MA driven system to work.</p>																																				

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g = head cleaning interval	<p><b>Accepted value exceptions:</b> accepted values for XiIII printer are 100M through 450M; accepted values for 600 dpi XiIII printers are 100M through 150M; accepted values for PAX4 series printers are up to 900M by increments of 50M; accepted values for ZM400/ZM600, RZ400/RZ600, and S4M printers are 0M through 450M.</p> <p><i>Accepted Values:</i></p> <table> <tr> <td>0 = 100M</td> <td>11 = 650M</td> </tr> <tr> <td>1 = 150M</td> <td>12 = 700M</td> </tr> <tr> <td>2 = 200M</td> <td>13 = 750M</td> </tr> <tr> <td>3 = 250M</td> <td>14 = 800M</td> </tr> <tr> <td>4 = 300M</td> <td>15 = 850M</td> </tr> <tr> <td>5 = 350M</td> <td>16 = 900M</td> </tr> <tr> <td>6 = 400M</td> <td></td> </tr> <tr> <td>7 = 450M</td> <td></td> </tr> <tr> <td>8 = 500M</td> <td></td> </tr> <tr> <td>9 = 550M</td> <td></td> </tr> <tr> <td>10 = 600M</td> <td></td> </tr> </table> <p><i>Default Value:</i> 1 - for 96XiIIIPlus 7 - for all other printers</p>	0 = 100M	11 = 650M	1 = 150M	12 = 700M	2 = 200M	13 = 750M	3 = 250M	14 = 800M	4 = 300M	15 = 850M	5 = 350M	16 = 900M	6 = 400M		7 = 450M		8 = 500M		9 = 550M		10 = 600M	
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h = head clean	<p><i>Accepted Values:</i> N = No Y = Yes</p> <p><i>Default Value:</i> N</p>																						
i = head life threshold	<p><i>Accepted Values:</i> 0 – 0 in or off 100-3500000 in</p> <p><i>Default Value:</i> 1000000</p>																						
j = head replaced	<p><i>Accepted Values:</i> N = no Y = yes</p> <p><i>Default Value:</i> N</p>																						

**Comments** To permanently save the changes to the ^JH command, send ^XA^JUS^XZ.