**^FW – Field Orientation**

**Description** The ^FW command sets the default orientation for all command fields that have an orientation (rotation) parameter (and in x.14 sets the default justification for all commands with a justification parameter). Fields can be rotated 0, 90, 180, or 270 degrees clockwise by using this command. In x.14, justification can be left, right, or auto.

The ^FW command affects only fields that follow it. Once you have issued a ^FW command, the setting is retained until you turn off the printer or send a new ^FW command to the printer.

**Format** ^FWr,z

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Details</th>
</tr>
</thead>
</table>
| r = rotate field | **Accepted Values:**  
  N = normal  
  R = rotated 90 degrees  
  I = inverted 180 degrees  
  B = bottom-up 270 degrees, read from bottom up  
**Initial Value at Power-up:** N |
| z = justification | **Accepted Values:**  
  0 = left justification  
  1 = right justification  
  2 = auto justification (script dependent)  
**Default Value:** auto for ^TB and left for all other commands |

The z parameter is available only with printers with firmware version V60.14.x, V50.14.x, or later.

**Example** • This example shows how ^FW rotation works in conjunction with ^FO. In this example, note that:

- the fields using A0N print the field in normal rotation
- the fields with no rotation indicated (A0) follow the rotation used in the ^FW command (^FWR).

<table>
<thead>
<tr>
<th>ZPL II CODE</th>
<th>GENERATED LABEL</th>
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</table>
|^XA  
|^FWR  
|^FO150,90^A0N,25,20^FDZebra Technologies^FS  
|^FO115,75^A0,25,20^FD0123456789^FS  
|^FO150,115^A0N,25,20^FD333 Corporate Woods Parkway^FS  
|^FO400,75^A0,25,20^FDXXXXXXXXX^FS  
|^XZ | Zebra Technologies  
| 333 Corporate Woods Parkway  
| XXXXXX |
Comments  ^FW affects only the orientation in commands where the rotation parameter has not been specifically set. If a command has a specific rotation parameter, that value is used.

^FW affects only the justification in commands where the parameter has not been set. If a command has a specific justification parameter that value is used.