

## ^MD – Media Darkness

**Description** The ^MD command adjusts the darkness relative to the current darkness setting.

**Format** ^MDa

Parameters	Details
a = media darkness level	<p><i>Accepted Values:</i> -30 to 30, depending on current value</p> <p><i>Initial Value at Power-up:</i> 0</p> <p>If no value is entered, this command is ignored.</p>



**Example 1** • These examples show setting the printer to different darkness levels:

- If the current value (value on configuration label) is 16, entering the command ^MD-9 decreases the value to 7.
- If the current value (value on configuration label) is 1, entering the command ^MD15 increases the value to 16.
- If the current value (value on configuration label) is 25, entering the command ^MD10 increases only the value to 30, which is the maximum value allowed.

Each ^MD command is treated separately in relation to the current value as printed on the configuration label.



**Note** • On Zebra G-Series™ printers the value set with the ^MD command is persistent across power cycles.



**Important** • The darkness setting range for the XiIIIPlus, Xi4, and RXi4 is 0 to 30 in increments of 0.1.

The firmware is setup so that the ^MD and ~SD commands (ZPL darkness commands) accepts that range of settings.



**Example 2** • These are examples of the XiIIIPlus, Xi4, and RXi4 Darkness Setting:

```
^MD8.3
```

```
~SD8.3
```



**Example 3** • For example, this is what would happen if two ^MD commands were received:

Assume the current value is 15. An ^MD-6 command is received that changes the current value to 9. Another command, ^MD2, is received. The current value changes to 17.

The two ^MD commands are treated individually in relation to the current value of 15.

**Comments** The ~SD command value, if applicable, is added to the ^MD command.

## ~SD – Set Darkness

**Description** The ~SD command allows you to set the darkness of printing. ~SD is the equivalent of the darkness setting parameter on the control panel display.

**Format** ~SD##

Parameters	Details
## = desired darkness setting (two-digit number)	<i>Accepted Values: 00 to 30</i> <i>Default Value: last permanently saved value</i>



**Important** • The darkness setting range for the *XiIIIPlus*, *Xi4*, and *RXi4* is 0 to 30 in increments of 0.1. The firmware is setup so that the ^MD and ~SD commands (ZPL darkness commands) accept that range of settings.



**Example** • These are examples of the *XiIIIPlus*, *Xi4*, and *RXi4* Darkness Setting:

```
^MD8.3
```

```
~SD8.3
```

**Comments** The ^MD command value, if applicable, is added to the ~SD command.