

Mannesmann Tally

MT5200 Printer Driver

There are several tasks that you can perform when setting printer options by using the printer setup and options dialog boxes. Some tasks, such as specifying the paper size and source, are common to all printers. Other options, such as specifying the print quality and printing priority, are not. The following help topics are designed to assist setup and operation of the MT5200 Printer Driver.

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Paper source

This controls the source of the media to be printed. The MT5200 has several media source options, some of which will depend upon which optional bins have been purchased.

Fanfold feed Selected for continuous forms.

Manual feed This source should be selected when paper is inserted, by hand, into the front paper feed path.

Feeder Box1 Selected for loading paper from optional feed box 1

Feeder Box2 Selected for loading paper from optional feed box 2

ATB Box1 Selected for loading tickets from optional ATB ticket box 1

ATB Box2 Selected for loading tickets from optional ATB ticket box 2

Operation

To select a particular paper source :

1. Choose from the **Paper Source:** list in the main printer set-up dialog
2. Click the **OK** button to activate the new selection.
3. Use the orientation buttons to set the print orientation.

Paper size

The MT5200 is able to handle several standard sizes of paper:

DIN A4 size, dimensions: 210x297mm (8.27"x11.65")

DIN A5 portrait, dimensions: 148x210mm

DIN A5 landscape, dimensions: 210x148mm

DIN A6 portrait, dimensions: 105x148mm

DIN A6 landscape, dimensions: 148x105mm

DIN B5 size, dimensions: 182x257mm (7.17"x10.12")

Letter size, dimensions: 8.5"x11"

Legal size, dimensions: 8.5"x14" (216x356mm)

Fanfold size, dimensions: 8.5"x12"

ATB1 Ticket, dimensions (8.0"x3.25")

ATB2 Ticket, dimensions (7.375"x3.25")

The paper size is set by choosing from the **Paper Size:** list. The new paper size takes effect only after the **OK** button in the dialog box is clicked.

In addition to these paper sizes, there is a custom paper size option. If this option is selected, then a **Custom Paper Size** dialog appears. The paper dimensions can be entered in either inches or millimeters.

Orientation

This option determines how the image is placed on the paper. There are two options, portrait and landscape. The orientation choices are selected by clicking the appropriate button. The icon to the left of these buttons reflects the current choice.



In the portrait orientation the image is placed taller than it is wide on the page.



In landscape orientation the image is wider than it is tall.

Resolution

The MT5200 supports three printer resolutions, low resolution (120x180 **dots per inch**) , medium resolution (180x180 dpi) and high resolution (360x180dpi).

360x180dpi produces a finer image, but results in twice as much data transferred to the printer as compared to 180x180dpi. If you require faster or draft print, select a lower resolution mode.

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Dithering

This is the method by which grey levels are printed when only black is available to the printer. The printer driver converts a solid color to a pattern of dots on the page. A denser color will be represented by a more densely packed pattern of dots. No one dither pattern is appropriate for all images, so choices are provided to allow for the best pattern for any given image.

Dithering is based upon a small square of dots known as a dither pattern. The dots within the dither pattern are activated when the color density exceeds a pre-defined value. It forms a pattern of dots dependent upon the color density.

The first option is **None**. No dithering is done. The output is either a solid color or no color.

The **Coarse** option results in the image consisting of a relatively small number of large dots.

The **Fine** option uses a larger number of smaller, evenly spaced dots to create the image.

The **Line Art** option uses a fine pattern but the dots are more randomly spaced. This helps prevent the dither pattern from obscuring lines drawn on the page.

Intensity

The intensity control adjusts the brightness of the printed image. When the intensity setting is a positive value, less ink deposited on the paper resulting in a lighter print. When the intensity setting is less than zero, more ink deposited on the paper resulting in a darker print.

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A raster line is a single line of dots equal to the width of the image being printed. Together with the other raster lines, it builds the complete image on the page

Printing Priority and Spooling

The MT5200 printer driver is supplied with its own print spool manager (MTPRMAN.EXE) which will be loaded when you install the driver. If you choose to use it this will replace the functions of the standard Windows Print Manager when printing to the MT5200. Additionally it can also place certain specified print jobs at a high priority when a queue of jobs is in progress.

Use MTPRMAN Spooler

This option is found in the driver setup OPTIONS section. Set this field to checked to use the MTPRMAN.EXE spooler. Otherwise Print Manager will be used. Please note that MTPRMAN will only spool to the LPT or COM ports, any other ports chosen (eg FILE) will cause Print Manager to be used automatically.

This option must be taken if you wish to use any of the priority options (following). Additionally the MTPRMAN spooler contains facilities to allow external applications to request access directly to to printer.

Priority Application

This option is found in the driver setup OPTIONS section. Enter the name here of any application which you would like to print at HIGH priority (default priority is LOW). Eg if Microsoft Word was inserted here then any print from Microsoft Word would be placed in the print queue ahead of other documents. MTPRMAN must be enabled for this to be effective.

Priority Doc Extensions

This option is found in the driver setup OPTIONS section. This enables you to create a list of document types (DOC, BMP, CDR etc) which you wish to print at MEDIUM priority. (default priority is LOW). Eg. if BMP were placed into the list then a print of PICTURE.BMP would be placed in the print queue ahead of other documents (except those from a Priority Application - above). MTPRMAN must be enabled for this to be effective.

To add to the list (max 9) of extensions simply type the extension into the text box and click on **Add** . To remove an extension from the list , click on the extension desired then click on **Del** .

Text Quality

This allows the quality of the **printer** fonts output to be determined. Choosing HIGH will output text at near letter quality, choosing DRAFT will output at lower quality but faster.

Please note that this option only refers to printer resident fonts (Courier, Modern or OCR). All other text (eg from Truetype fonts) is produced by converting it to graphics and would therefore be affected by Resolution rather than by this option.

