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- All efforts have been made to ensure the accuracy of the contents of this manual at the time of press. However, should any errors be detected, STAR would greatly appreciate being informed of them.
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Chapter 1

INSTALLATION

UNPACKING

Open the carton and check each item in the box against Figure 1-1 to make sure that you have everything (there should be five items).

![Diagram showing five items: 1) Sheet feeder, 2) Hopper attachment, 3) Stacker attachment, 4) Printer cover, and 5) User's manual.]

Figure 1-1. Check to make sure you have all five items: 1) Sheet feeder, 2) Hopper attachment, 3) Stacker attachment, 4) Printer cover, and 5) User's manual.

Note: Please retain the box and packaging materials in case you need to transport the Automatic Sheet Feeder.
MOUNTING THE AUTOMATIC SHEET FEEDER

1. Hold the metal hopper attachment as shown in Figure 1-2, and insert it firmly into the fixing holes on the top part of the hopper support.

![Figure 1-2. Insert the hopper attachment.](image)

2. After you’ve inserted the hopper attachment, insert the stacker attachment, squeezing it with your hand, into the fixing groove in the front part of the main body as shown in Figure 1-3.

![Figure 1-3. Insert the stacker attachment.](image)

3. Check that printer power is OFF. Then remove both the printer cover and the paper guide from the printer.

4. Move the release lever at the back of the printer to the down position as shown in Figure 1-4.

5. Move the bail lever on top of the printer forward to open the paper bail.
6. Secure the mounting brackets of the Automatic Sheet Feeder onto the shaft of the platen by lowering it into position as shown in Figure 1-5.

7. Confirm that the mounting brackets on both sides of the Automatic Sheet Feeder are correctly engaged on the printer. When they are engaged correctly, the ejection roller can be rotated by turning the platen knob.
8. Install the printer cover provided with the Automatic Sheet Feeder.

Notes: 1. Please keep the original printer cover in a safe place.
        2. To remove the Automatic Sheet Feeder, carry out the above installation procedures in reverse.
Chapter 2

OPERATION

LOADING THE PAPER

1. Pull the paper loading lever forward to bring the pressure plate back into position with a clicking sound as shown in Figure 2-1.

![Figure 2-1. Pull the paper loading lever forward.](image)

2. Align the left paper guide position with the triangle seal on the side of the stacker.

3. Fan the paper before loading as shown in Figure 2-2, and line up the edges of the paper evenly.
4. Load the paper, aligning it with the left side hopper, then sliding the right hopper into position. Do not set it too tightly, so as to allow the paper to be transported smoothly between the hoppers.

5. After loading the paper into the hopper, press the paper loading lever backward. The paper will be set into position between the hoppers and the hopper roller.

Note: When you are not going to use the printer again for some time, or at the end of the day's operation, be sure to remove any paper in the printer. Paper left in the printer may become deformed by the platen.
OPERATION OF CONTROL CODES

When the paper-out detector is enabled by setting the DIP switch, the following control codes will be changed as shown below:

1. \texttt{<FF>} (Form Feed)
   This command sets the paper into the printer. It ejects any paper set in the printer when the Automatic Sheet Feeder is empty.

2. \texttt{<LF>} (Line Feed)
   If a line feed operation results in going over the page length, the next sheet of paper is fed in to the printer.

3. \texttt{<VT>} (Vertical Tab)
   This command functions as a line feed operation.

4. Vertical tab position setting command
   This command is ignored.

5. Page length setting command
   The page length setting is ignored, and is set to the paper size in actual use.

When the paper-out detector is disabled by setting the DIP switch, the control codes will be function normally.
MAINTENANCE

The Automatic Sheet Feeder is designed to withstand long use with high reliability. We ask users to regularly remove any dirt or dust from the Automatic Sheet Feeder, first removing it from the printer. The platen of the printer mechanism and roller in particular should be kept clean.

MALFUNCTIONS

Malfunctions may be resolved by simple inspection, so please check the following items:

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Cause</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Sheet Feeder does not operate</td>
<td>• Not in Automatic Sheet Feeder mode</td>
<td>• Set DIP switch correctly</td>
</tr>
<tr>
<td></td>
<td>• Paper stacked incorrectly</td>
<td>• Set paper correctly</td>
</tr>
<tr>
<td></td>
<td>• Platen &amp; feeder not operating together</td>
<td>• Check Automatic Sheet Feeder mounting</td>
</tr>
<tr>
<td>Paper does not feed into printer</td>
<td>• Out of paper</td>
<td>• Load paper</td>
</tr>
<tr>
<td></td>
<td>• Paper jammed</td>
<td>• Remove jammed paper</td>
</tr>
<tr>
<td></td>
<td>• Paper loading lever forward</td>
<td>• Press paper loading lever backward</td>
</tr>
<tr>
<td>More than 2 sheets transported</td>
<td>• Paper not fanned properly</td>
<td>• Load paper after fanning well</td>
</tr>
<tr>
<td></td>
<td>• Incorrect paper specifications</td>
<td>• Use paper suitable to Automatic Sheet Feeder specifications</td>
</tr>
<tr>
<td><strong>Symptom</strong></td>
<td><strong>Cause</strong></td>
<td><strong>Remedy</strong></td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------</td>
</tr>
<tr>
<td>Paper is crooked</td>
<td>· Poor paper &lt;br&gt; · Too much horizontal movement of paper so that guide rollers of the Automatic Sheet Feeder do not take up the paper correctly.</td>
<td>· Use new paper &lt;br&gt; · Check position of the paper guide</td>
</tr>
<tr>
<td>Malfunction of paper ejection</td>
<td>· Full stacker (the part which stores the printed paper) &lt;br&gt; · Paper does not match Automatic Sheet Feeder specifications.</td>
<td>· Empty stacker &lt;br&gt; · Use paper suitable to Automatic Sheet Feeder specifications.</td>
</tr>
</tbody>
</table>

If the Automatic Sheet Feeder still does not operate correctly after carrying out these simple checks, consult your dealer.
Chapter 4

SPECIFICATIONS

■ Dimensions and weight

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>340 mm</td>
<td>(13.4 inches)</td>
</tr>
<tr>
<td>Depth</td>
<td>250 mm</td>
<td>( 9.8 inches)</td>
</tr>
<tr>
<td>Height</td>
<td>320 mm</td>
<td>(12.6 inches)</td>
</tr>
<tr>
<td>Weight</td>
<td>1.2 kg</td>
<td>(2.65 pounds)</td>
</tr>
</tbody>
</table>

■ Paper type and dimensions

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Fine quality paper (slick paper)</td>
</tr>
<tr>
<td>Width</td>
<td>182 mm (7.15 inches) ~ 216 mm (8.5 inches)</td>
</tr>
<tr>
<td>Length</td>
<td>203 mm (8.0 inches) ~ 356 mm (14.0 inches)</td>
</tr>
<tr>
<td>Weight</td>
<td>60 g/m² ~ 90 g/m²</td>
</tr>
<tr>
<td>Storage</td>
<td>18 ~ 22 °C, 40 ~ 60 %</td>
</tr>
</tbody>
</table>

■ Printing area

![Diagram of printing area]

- Paper width
  - 182mm (7.15") ~ 216mm (8.5")
  - 5mm and over

- Printing Width
  - 5mm and over

- Possible Printing Area
  - Approx. 25mm

- Top of page
  - First printing line
  - Paper length
    - 203mm (8")
    - 356mm (14")
  - Printing length

- Last printing line
  - Bottom of paper
  - 25mm
## Hopper capacity
Max. 50 sheets (with 64 g/m²)

## Stacker capacity
Max. 50 sheets (with 64 g/m²)

## Reliability
100,000 cycles
(MCBF; Mean Cycle Before Failure)

## Ambient conditions

<table>
<thead>
<tr>
<th>Condition</th>
<th>Operation</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>+5 ~ +40 °C</td>
<td>−30 ~ +70 °C</td>
</tr>
<tr>
<td>Humidity</td>
<td>30 ~ 80 % (no condensation)</td>
<td>20 ~ 95 % (no condensation)</td>
</tr>
</tbody>
</table>
Consumer Response

Star Micronics Co., Ltd. invites your suggestions and comments on your printer and this manual. Please address your correspondence to:

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