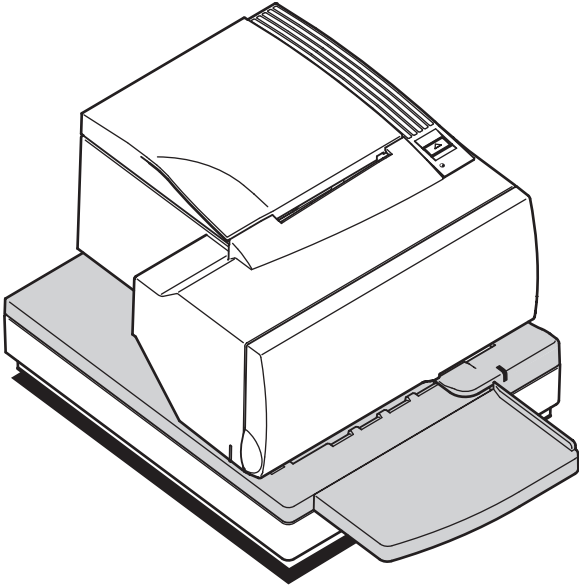


A758 Thermal Receipt and
Impact Slip Printer

Setup Guide



Introducing the A758 Printer

The A758 is an extremely fast, quiet, and reliable point-of-sale printer. It consists of two specialized printers in one compact package: a thermal printer on top that prints receipts, and an impact slip printer in front to print on forms and checks that you insert. The thermal printer is optimized for ease-of-use in busy environments. There is no ribbon or ink cartridge to change, and you load the paper by simply dropping in a new roll. The impact printer provides the power and flexibility necessary to print on checks or multi-part forms up to five plies, in a wide variety of sizes and orientations.

1 Unpacking the Printer

Save all packing materials in case you need to repack the printer. Check that the materials shipped with the printer match the following list.

The following items are packed in the shipping box (printers shipped in bulk may not include all of these items):

- Printer enclosed in a plastic bag and foam pack
- Thermal receipt paper roll (inside receipt bucket)
- Test printout protecting the printhead (inside receipt bucket)
- Cardboard support for cantilever (on slip table)
- Foam restraint for carriage (behind front cover)
- Power supply with cable connecting to printer and power supply cord connecting to power outlet (only if ordered with the printer)
- Ribbon cassette
- Installation report card (please complete this form and return to Axiohm)
- A758 Thermal Receipt and Impact Slip Printer: Setup Guide (this book)
- Communication cable, if ordered with the printer (from host computer to printer)

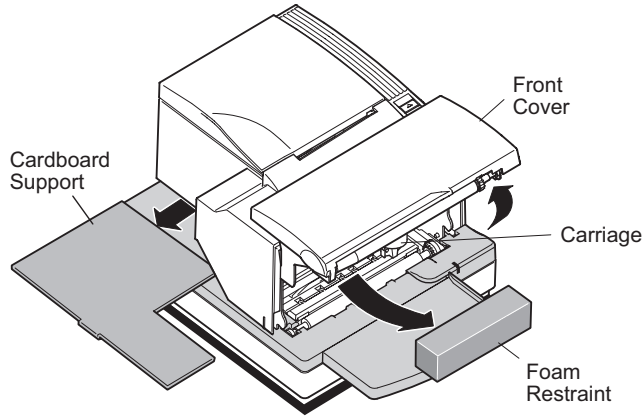
To report any missing materials, or to report a printer that was damaged during shipping, call your supplier or call an Axiohm representative at 1-800-732-8950.

2 Choosing a Location

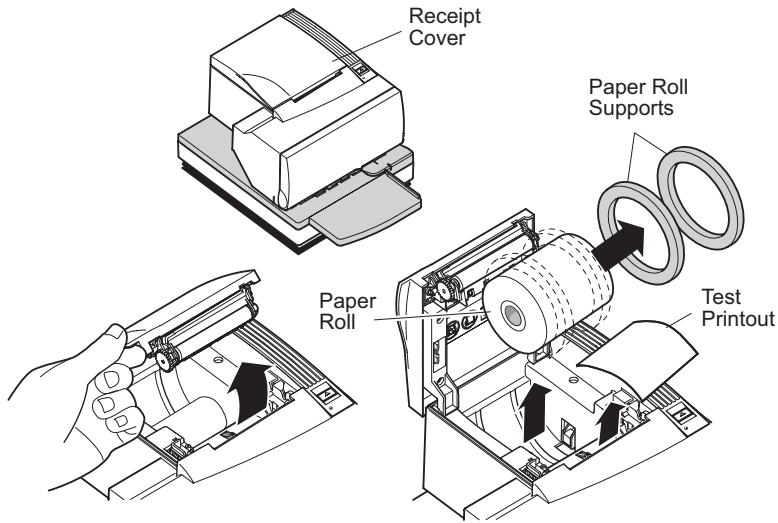
Place the printer on a level surface, and make sure there is enough room to open the receipt cover to change the paper and to open the front cover to change the impact printer's ribbon cassette. Leave several inches around the printer for connecting and accessing the cables.

Note: *If your printer has an optional Magnetic Ink Character Recognition (MICR) check reader installed, you may need to make additional adjustments to the printer's location. Because devices such as CRT monitors, security devices, or large metal surfaces affect the printer's magnetic field, they can cause intermittent check reading errors.*

3 Remove the Packing Restraints



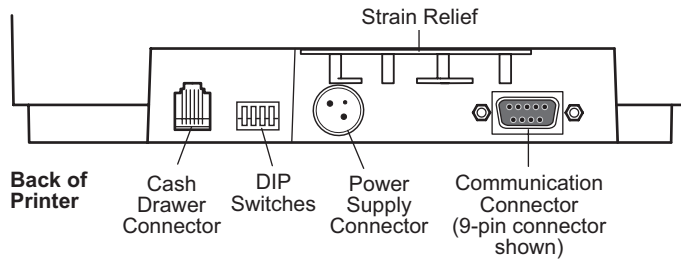
1. Open the front cover, remove the foam restraint holding the carriage.
2. Remove the cardboard support from the slip path.



3. Open the receipt cover and remove the test printout.
4. Lift the thermal paper roll out of the paper bucket and remove the paper supports.

4 Connecting the Cables

Caution: Connect the cables to the printer before plugging in the power supply. If power is received from the host computer, turn it off before connecting any cables.

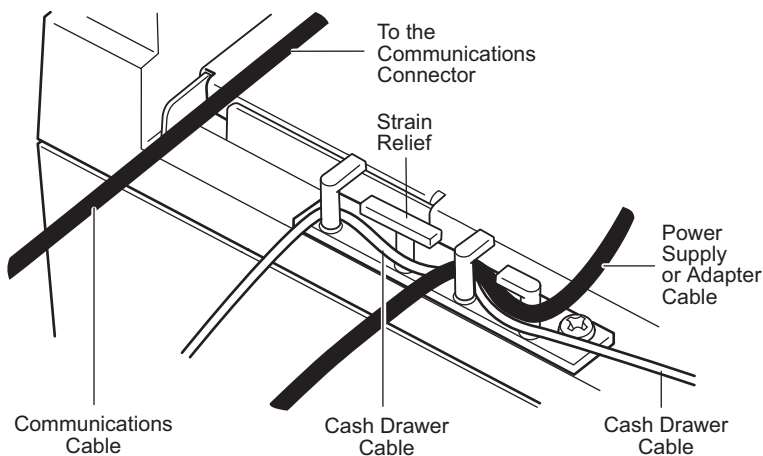


Note: Depending on your printer configuration, the connector panel may vary from the above illustration.

1. Turn off the host computer.
2. Secure the communication cable to the communication connector.
3. Connect the cable to the host computer.
4. Connect the cash drawer cable to the cash drawer connector at the left rear of the unit.

If your system has two cash drawers, attach a Y-cable to the printer's cash drawer connector first.

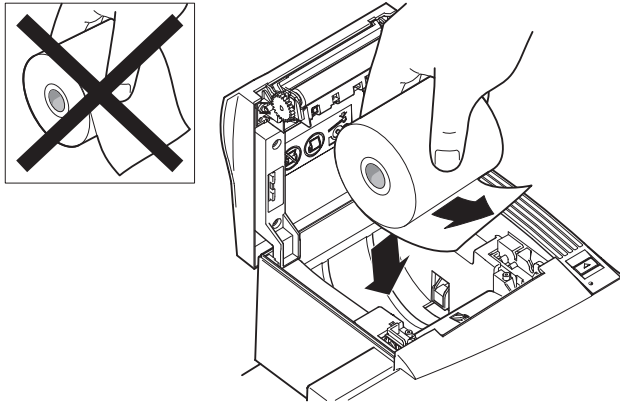
5. Connect the power supply cable to the power supply connector last.



6. Route the cash drawer and the power supply cables through the strain relief as shown.
7. Plug the power cord into the power supply, then plug the power supply into an outlet. The green LED on the top cover will light up.

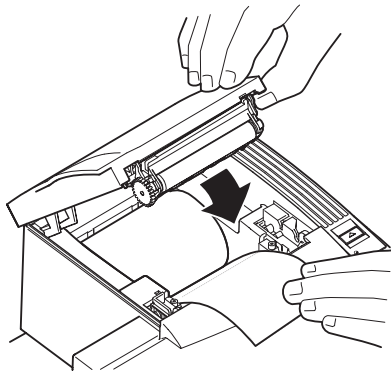
5 Loading Receipt Paper

1. Tear off the end of the roll so that the edge is loose.

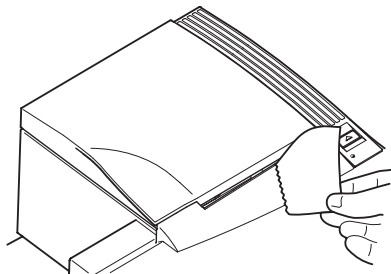


2. Place the roll into the paper bucket with the paper unrolling from the bottom of the roll, and with a few inches of paper extending over the cabinet front.

The paper must unroll from the bottom of the roll to insure the image will print.



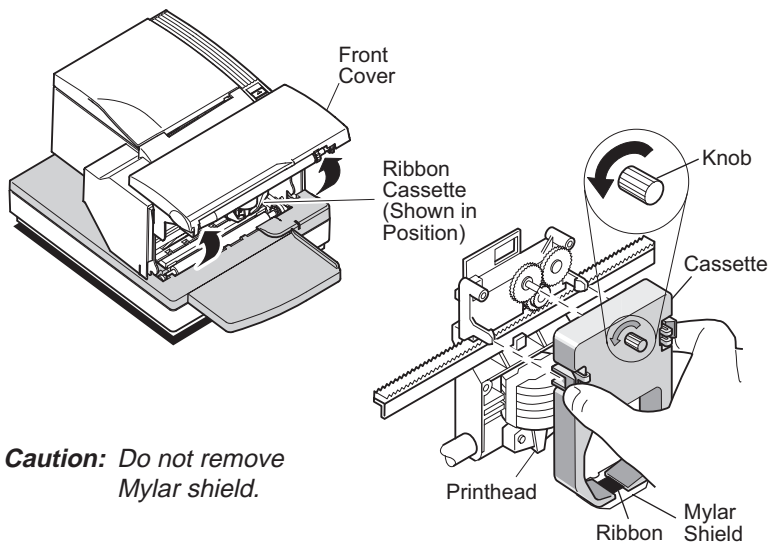
3. Close the cover while holding the paper over the front of the cabinet.



4. Remove the excess paper by tearing it against the tear-off blade.
5. Press the Paper Feed Button to advance the paper.

6 Putting In the Ribbon Cassette

1. Unwrap and tighten the ribbon by turning the knob on the cassette in the direction of the arrow.

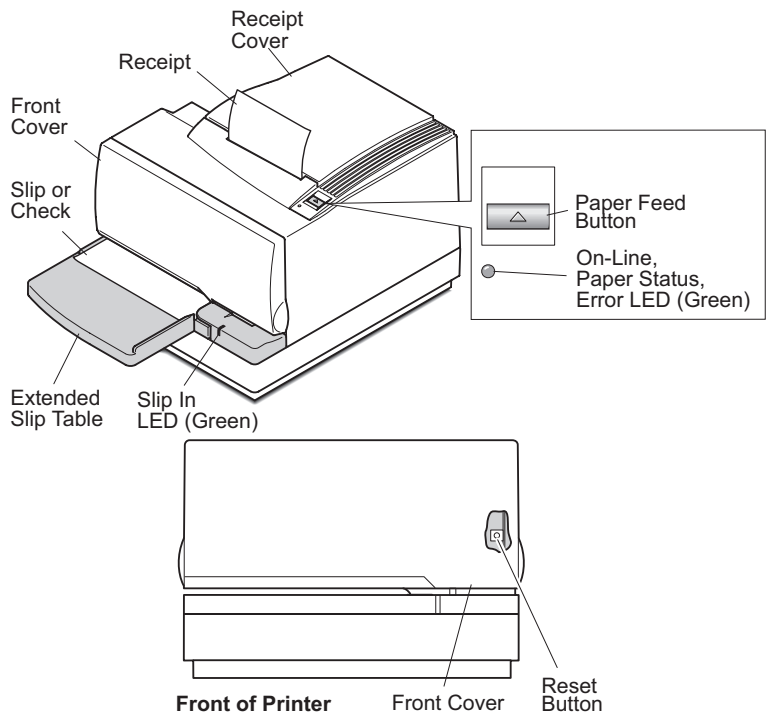


Caution: Do not remove Mylar shield.

2. Open the printer's front cover, position the ribbon cassette onto the carriage making sure the ribbon is underneath the printhead.
3. Snap the cassette into place and close the front cover.

7 Testing the Printer

The Configuration Menu allows you to set general printer parameters. The test prints a list of various printer settings and partially cuts the paper if a knife is installed. The test printout may vary depending on the printer model. To change the default settings, enter the Configuration Menu as instructed on the bottom of the test printout. The printout may be useful to a service representative if there is a problem. If something appears to be wrong with the test printout (such as missing or faded text), additional troubleshooting and diagnostic guides are available by calling 1-607-274-2424.



1. To run the test, either
 - a. Open and close the receipt cover while holding down the Paper Feed Button,
 - OR,
 - b. Press the Paper Feed Button and the Reset Button at the same time.
2. When the printer begins printing let go of the Paper Feed Button.

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*** A758 - Diagnostics Form ***

Model number      : A758-1025
Serial number     : A991703053

Boot Firmware
Revision          : V1.25
CRC               : A866
P/N              : 189-1073150A

Flash Firmware
Revision          : V2.43
CRC               : B74B
P/N              : 189-1073151A

H/W parameters
Flash Size        : 512 kbytes
Flash Logos/Fonts : 64 kbytes
Flash User Storage : 64 kbytes
SRAM Size         : 256 kbytes
CPU Clock Freq.  : 50 MHz
Head Setting      : A
Print Density     : 100 %
Max Speed Step    : 31
Max Power         : 55 W
Knife             : Enabled
Paper Low Sensor  : Enabled
MICR              : Enabled
Check Flip        : Enabled

Comm. Interface
RX Buffer Size    : 4096
Interface type   : RS232
Parameters
Baud Rate        : 115200
Data Bits         : 8
Stop Bit(s)      : 1
Parity           : NONE
Flow Control     : DTR/DSR
Reception Errors : Ignore
                
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*** A758 - Printer Config Menu ***

This config menu allows you to set general printer
parameters

Sub-menus are entered and selections are made using
the Paper Feed Button :

- short click : Feed Button is quickly depressed
                then released
- long click  : Feed Button is held down more than
                1 second then released

CAUTION !!
The settings are predetermined in factory and
should generally not be changed.
If you must change the settings do so carefully
to avoid changing other functions.

*****

MAIN MENU
*****

Select a sub-menu :
- EXIT                -> 1 click
- Print Current Configuration -> 2 clicks
- Set Communication Interface -> 3 clicks
- Set Diagnostics Modes    -> 4 clicks
- Set Emulation/Software Options -> 5 clicks
- Set Hardware Options      -> 6 clicks

Enter code, then hold Button DOWN
at least 1 second to validate
                
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To enter Printer Config Menu :

- 1) Flip DIP switch #1 up
- 2) Reset the printer, while holding the Paper Feed button down

Important: Ensure that the configuration settings match your host computer, if not, enter the Configuration Menu to make changes.

*Print Test and Configuration Menu Samples
(shown approximately 60% of size)*

8 Setup Complete

The printer is now ready to communicate with the host system.

Federal Communications Commission (FCC) Radio Frequency Interference Statement Warning

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Information to the User

This equipment must be installed and used in strict accordance with the manufacturer's instructions. However, there is no guarantee that interference to radio communications will not occur in a particular commercial installation. If this equipment does cause interference, which can be determined by turning the equipment off and on, the user is encouraged to contact Axiohm immediately.

The Axiohm company is not responsible for any radio or television interference caused by unauthorized modification of this equipment or the substitution or attachment of connecting cables and equipment other than those specified by Axiohm. The correction of interferences caused by such unauthorized modification, substitution or attachment will be the responsibility of the user.

In order to ensure compliance with the Product Safety, FCC and CE marking requirements, you must use the power supply, power cord, and interface cable which are sold for use with this product or which meet the following parameters:

Power Supply

UL Listed (QJGG), Class 2 power supply with SELV (Secondary Extra Low Voltage), non-energy hazard output, limited energy source, input rated 100-240 Vac, 1.5/0.8 A, 50/60 Hz, output rated 24 Vdc, 2.3 A.

Use of this product with a power supply other than the Axiohm power supply will require you to test the power supply and Axiohm printer for FCC and CE mark certification.

Communication Interface Cable

A shielded (360 degree) interface cable must be used with this product. The shield must be connected to the frame or earth ground connection or earth ground reference at EACH end of the cable.

Use of a cable other than described here will require that you test the cable with the Axiohm printer and your system for FCC and CE mark certification.

Power Cord

A UL listed, detachable power cord must be used. For applications where the power supply module may be mounted on the floor, a power cord with Type SJT marking must be used. For applications outside the US, power cords which meet the particular country's certification and application requirements should be used.

Use of a power cord other than described here may result in a violation of safety certifications which are in force in the country of use.

Industry Canada (IC) Radio Frequency Interference Statement

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Voluntary Control Council for Interference (VCCI) Radio Frequency Interference Statement

This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

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