



A799 Two-Color Thermal Receipt Printer

Setup Guide

Thank you for selecting **TPG Model A799 Two-Color Single Station Thermal POS Receipt Printer**
STRENGTH... ENDURANCE... SPEED!

You have chosen the world's most innovative thermal receipt printer. A799 features ultra fast printing, industry-leading durability and outstanding graphics capability.

Please review this Setup Guide and follow the prompts on the installation CD. Additional information can be found in the A799 User Guide and A799 Programmer Guide, which are included on the disk. If you have any questions, please call us at **800-732-8950** or **607-274-2500** or visit **www.TPGprinters.com**.

Package contents

- Printer (enclosed in plastic bag)
- Starter roll of receipt paper (in paper compartment)
- Test printout (in paper compartment)
- Power supply with power cord (most models except powered USB)
- Setup Guide
- Installation CD, featuring free Receiptware™ Graphics Utility

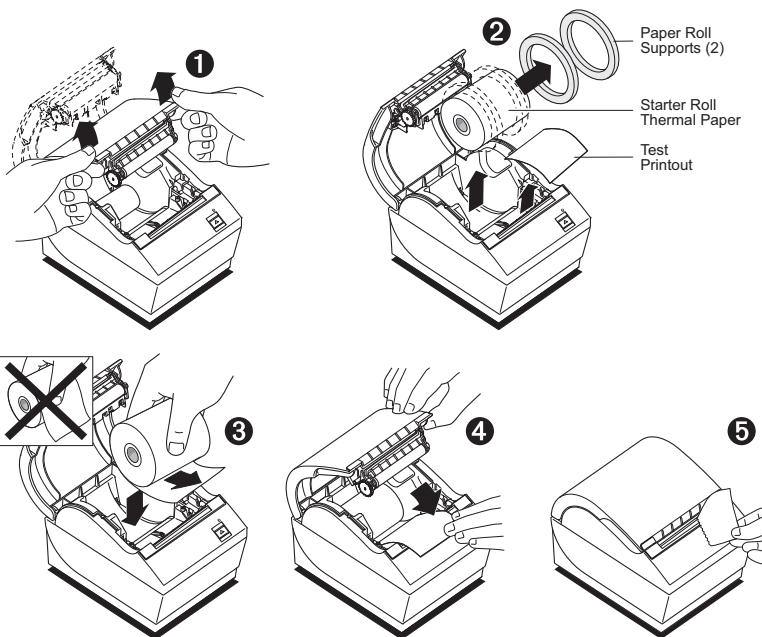
Setting up the printer (Pages referenced are from the User Guide)

1

Unpack the printer, saving all packing materials for future shipping or storage (page 11).

2

Load the starter roll of paper (pages 12). You can change the paper type used in this printer (page 24).



Made under one or more of the following U.S. patents: 4886381, 5579043, 5613787, 5651624, 5713678, 5752779, 5789916, 5800080, 5879090, 5887999, 5975776, 6027266, 6085973, 6089450, 6129465, 6155483, 6404452, 6486902, 6504331, 5749277, 6722754, 6739773, 6784909. Other U.S. and international patents pending.



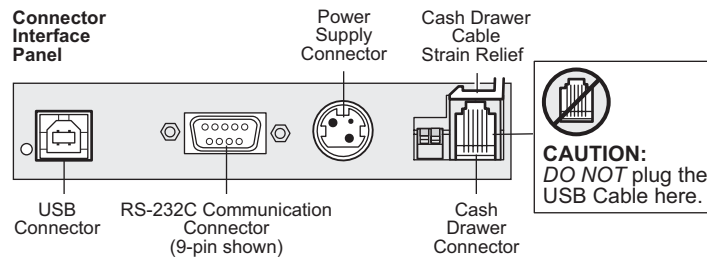
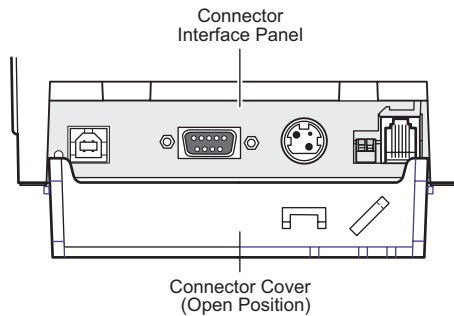
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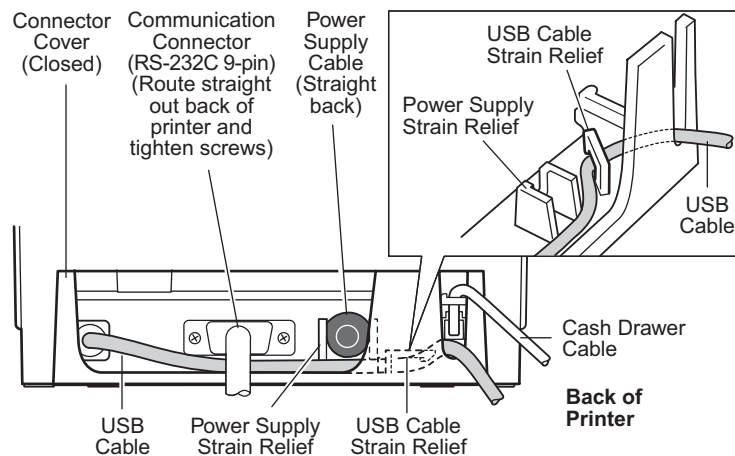
3 Choose a location for the printer.

4 Connect the following cables based on your configuration using a-b below.

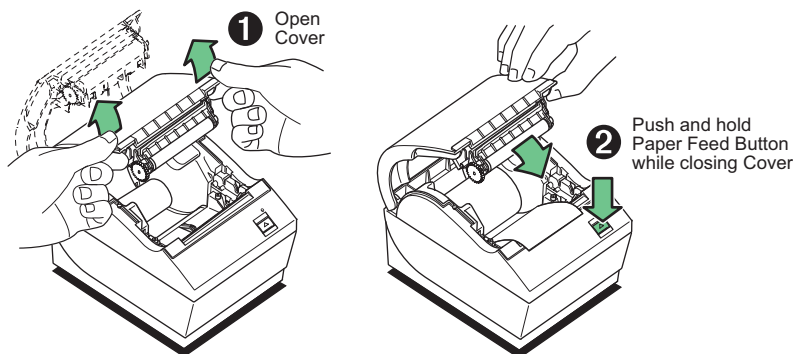
When using USB (step "b" below), use caution to ensure the **USB cable is connected to the USB connector on the back left of the printer** and not into the cash drawer connector that is on the right back of the printer.



- a** Cash drawer (if your installation includes this feature, page 15).
- b** 9-pin or 25 pin Serial or USB cable (serial: page 16; USB: page 17).
- c** Connect the power cable (page 18).
- d** Route cables as shown for your setup configuration (page 19).



5 Run a diagnostic test to test the printer (page 19).



6 Configure the printer if necessary (page 20).

*** A799 – Diagnostics Form ***
ReceiptWare Enabled

Model number	: A799-720D	
Serial number	: K07101234	
Boot Firmware		
Revision	: V0.02	
CRC	: 7790	
P/N	: 189-7940109B	
Flash Firmware		
Revision	: V0.02	
CRC	: 86BD	
P/N	: 189-7940110B	
H/W parameters		
Flash Memory Size	: 2 Mbytes	
Flash Logos/Fonts	: 896 kbytes	
Flash User Storage	: 64 kbytes	
Flash Journal Size	: 64 kbytes	
SRAM Size	: 256 kbytes	
Head setting	: F	
Motor ID	: 1	
Paper Type setting	: Type 0, Monochrome	
Color Density Adj	: n/a	
Print Density (Mono)	: 100%	
Max Speed	: 250 mm/sec	
Paper Width	: 80 mm	
Max Power	: 55 W	
Knife	: Enabled	
Partial Cut	: 110 steps	
Paper Low Sensor	: Enabled	
Paper Logo Extension	: 10 ft	
Comm. Interface		
RX Buffer Size	: 4096	
Interface type	: RS232/USB	
Parameters		
Baud Rate	: 115200	
Data Bits	: 8	
Stop Bit	: 1	
Parity	: NONE	
Flow Control	: DTR/DSR	
Reception Errors	: Ignore	
USB Driver Type	: Native	
USB Packet w/Error	: Reject	
Resident Code Pages		
	: 437, 850, 852, 858	
	: 860, 863, 865, 866	
	: 1252, 862, 737, 857	
Logo(s) defined		: YES
User Char(s) defined		: NO
Journal Unused		: 64 kbytes

To enter Printer Config Menu :
1) Flip DIP switch #1 down
2) Reset the printer, while holding the Paper Feed button down

***** 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
- Set Paper Type	-> 7 clicks

Enter code, then hold Button DOWN
at least 1 second to validate

When the printer is configured for USB, this location will show either: "USB Driver Type: Native", "USB Driver Type: Printer Class", or "USB Driver: Comm Class".

Print Test and Configuration Menu Sample. Samples will vary depending on the printer model. The A799 is LogoEZ® compatible for ease of setting-up your logo and two-color design needs.

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 TPG, Inc. immediately.

TPG, Inc. 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 TPG, Inc. 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 (QGGQ), 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 for 55 watt unit; 100-240 Vac, 2.0A, 50/60 Hz, output rate 24 Vdc, 3.125 A for 75 watt unit.

Use of this product with a power supply other than the TPG, Inc. power supply will require you to test the power supply and TPG, Inc. 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 TPG, Inc. 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.

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づいてクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

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Patents

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Web Site

<http://www.TPGprinters.com>

DECLARATION OF CONFORMITY

Type of Equipment: Information Technology Equipment – Printer

Model: A799-XXXX-XXXX

Model: A798-XXXX-XXXX

(X = any alphanumeric character)

Applicable EU

Directives: 89/336/EEC (electromagnetic compatibility directive)

92/31/EEC, (electromagnetic compatibility directive)

73/23/EEC, (low voltage, product safety directive)

Harmonized Standards:

EN 55024 (1998/A1:2001/A2:2003) Information Technology Equipment Immunity Characteristics

EN 55022 (1998/A1:2001/A2:2003) EMC, Class B, Limits and Methods of Measurement of Interference Characteristics of IT Equipment

IEC 60950-1 (2001) First Edition - Product Safety Standard

"Transaction Printer Group, Inc, 950 Danby Road, Ithaca, New York, 14850, declares that the equipment specified above conforms to the referenced EU Directives and Harmonized Standards."



Randy Bullock, Regulatory Compliance Engineer
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950 Danby Road
Ithaca, New York 14850

Date: 10-1-07

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