

# CognitiveTPG A798 THERMAL RECEIPT PRINTER

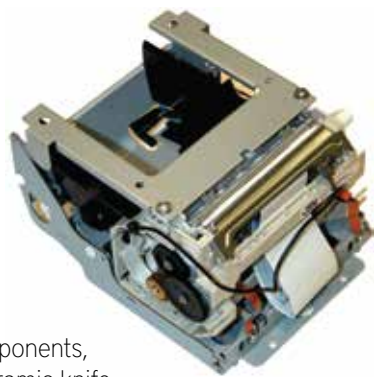
Durable and Reliable Receipt Printing for Retail, Hospitality, and Banking



“Better printer... better price!”

You don't have to settle for stripped down features to get the printer you need at the price you want. The CognitiveTPG A798 Receipt printers offer you more for less. The A798 combines the robust and reliable design with easy loading and set up, fast print speeds, dual motors, now at a low price to fit any budget.

- Fast print speeds at 6 inches per second
- Steel frame and modular design for greater strength and faster delivery
- Longest knife life in industry and unmatched reliability
- Multiple interface options
- Standard 3 year warranty
- Available with Spill Guard option for ultra-harsh environments



Steel frame, metal components,  
and self-sharpening ceramic knife



**COGNITIVE**TPG  
Innovation built to last

# A798 THERMAL RECEIPT PRINTER

## PRODUCT HIGHLIGHTS

### Fast Printing

The A798 prints a standard 6-inch receipt in one second with sharp 203 dpi clarity.

### Rugged and Reliable Design

The printer is often the most stressed component in any POS system. CognitiveTPG avoids vulnerabilities by using solid metal framing and metal components in the A798 printer to ensure optimum reliability and up-time in high-demand applications.

### Self-Sharpening Ceramic Knife

Ceramic knives keep their razor sharp edge and do not wear out as easily as other materials. The fact that our printers have a self-sharpening component means their auto cut life will last well beyond the warranty. CognitiveTPG offers the only self-sharpening ceramic knife in the receipt printer market, rated at 3 million knife cuts.

### Ease of Use and Versatility

The A798's easy drop-in paper load and small footprint makes it an easy plug and play installation. For more advanced settings, the printer comes with an installation CD.

### Increased Spill Resistance

The A798 was designed to withstand conditions in normal retail and hospitality environments where damage can occur. Designed with a liquid dam and unique drainage features, the A798 offers uninterrupted printing. For harsher environments, we also offer an optional Spill Guard accessory.



A798 with  
Spill Guard Accessory

## TECHNICAL SPECIFICATIONS

### PRINT

|                    |                                |
|--------------------|--------------------------------|
| Method             | Direct Thermal                 |
| Speed (Monochrome) | 150 mm/sec                     |
| Resolution         | 203 DPI                        |
| Knife              | Self-sharpening ceramic rotary |
| Receipt (Columns)  | 44/56                          |

### MEDIA

|                     |                              |
|---------------------|------------------------------|
| Paper Roll Diameter | 3.1" x 3.55" (80 mm x 90 mm) |
| Other Paper Widths  | 58, 60, 82.5 mm              |
| Paper Out           | Standard                     |

### MEMORY

|       |        |
|-------|--------|
| RAM   | 128 KB |
| Flash | 2 MB   |

### COMMUNICATIONS

|                      |  |
|----------------------|--|
| 25-Pin RS-232 Serial | Yes                                      |
| 9-Pin RS-232 Serial  | Yes, in Dual Interface                   |
| Parallel             | Yes (non-RoHS)                           |
| USB                  | Version 2.0 compatible in Dual Interface |
| Powered USB          | Yes                                      |

### RELIABILITY

|                 |                                      |
|-----------------|--------------------------------------|
| MCBF Printlines | 72 million                           |
| MCBF Knife Cuts | 3 million                            |
| Printhead Life  | 242 km                               |
| Warranty        | 3 years (Extended options available) |

### CASH DRAWER SUPPORT

1 connector drives up to 2 cash drawers

### ELECTRICAL

|                   |  |
|-------------------|--|
| Operating Voltage | DC 24V                                 |
| Power Supply      | 60W External (also available w/out PS) |
| Power Consumption | 2.3 A w/active power management system |

### DIMENSIONS

|                       |   |
|-----------------------|---|
| Footprint (W"x D"xH") | 5.65"x7.27"x5.27"<br>(144mm x 185mm x 134mm)                                    |
| Weight                | 4 lbs. (1.53 kg) (printer only)<br>6 lbs. (2.72 kg) (w/packaging & accessories) |

### CABINET COLORS

Beige, Dark Gray, Black, Custom

### PRINTER DRIVERS

OPOS for Windows 8, 7, XP, & Vista; JPOS for Linux, Windows 8, 7, XP and Vista; Minidrivers for Windows 8, 7, XP, and Vista. Printer Class USB Supported. Serial Emulation Driver for USB (Comm Class)



Meets strict European standards, such as RoHS & WEEE compliance for non-toxicity of components and recyclability.