

# TXTPS SERIES

TRAIN PASSENGER DISPLAYS



Following up on our 20+ years of experience providing 300,000+ bus-mounted, interior- and exterior-facing “next stop” signs, Sunrise Systems can now bring our superior engineering and production skills to the train industry with the Train Destination Sign series (TXTPS)

We are a service-driven organization from top to bottom and look forward to collaborating with you to complete your rail project in a timely manner with results your organization can be proud of.

## ADVANTAGES

- ✓ Easy to install
- ✓ Maintenance-friendly chassis
- ✓ Public transit design
- ✓ Built to last
- ✓ Low maintenance
- ✓ Easy to replace
- ✓ Designed to be resilient and durable

## VALUE

- ✓ Built to comply with EN50155 Standards
- ✓ Built to comply with Build America Program
- ✓ Built to comply with Americans with Disabilities Act policy
- ✓ Compatible with 3rd party controllers
- ✓ Customizable Controller available for Drive manual input
- ✓ Full color (RGB) LED
- ✓ Power control systems that manage brightness saves power consumption
- ✓ Easy readability for passengers
- ✓ 30 to 50 feet viewing distance per inch of character height
- ✓ Customizable mounting and finishes available to fit in with any Rail Brand



|                                    |  |
|------------------------------------|--|
| <b>LED Type</b>                    | <ul style="list-style-type: none"><li>• Surface Mount: 2.7mm black body plcc4</li><li>• Viewing Angle: 120°</li></ul>  |
| <b>Color</b>                       | Full Color (RGB) LED   |
| <b>Mounting</b>                    | Wall or Ceiling mount options  |
| <b>Enclosure Material</b>          | Aluminum (Black power paint)   |
| <b>Viewing Distance</b>            | 30 to 50 feet per inch of character height   |
| <b>Operating Temperature Range</b> | -13 to 185 °F (-25 to +85 °C)  |
| <b>Power</b>                       | See table below based on model size  |
| <b>Approvals/Certifications</b>    | <ul style="list-style-type: none"><li>• EN50155 Compliant</li><li>• Built to meet the standards of both the <i>Americans with Disabilities Act</i> and the <i>Build America Program</i>.</li></ul> |

| <b>Nominal Input</b> | <b>Permanent Input Range</b> |
|----------------------|------------------------------|
| 24 V                 | 16.6 – 30 V                  |
| 37.5 V               | 26 – 47 V                    |
| 48 V                 | 33.6 – 60 V                  |
| 72 V                 | 50.4 – 90 V                  |
| 96 V                 | 67.2 – 120 V                 |
| 110 V                | 77 – 137.5 V                 |

| <b>Model</b>        | <b>Pixel Height</b> | <b># of Lines</b> | <b>Char. Height</b> | <b>Cabinet Dimensions</b> | <b>Peak Power / Avg Power</b> |
|---------------------|---------------------|-------------------|---------------------|---------------------------|-------------------------------|
| <b>TXTPS-8X104</b>  | 8                   | 1                 | 2.2 in. (5.59cm.)   | 3.94"h X 34.25"w X 2.5"d  | 6/3 watts                     |
| <b>TXTPS-12X40</b>  | 12                  | 1                 | 3.3 in. (8.38 cm.)  | 6.88"h X 11.50"w X 2.38"d | 17/9 watts                    |
| <b>TXTPS-16X128</b> | 16                  | 2                 | 4.4 in. (11.18 cm.) | 5.25"h X 38.38"w X 2.0"d  | 72/36 watts                   |
| <b>TXTPS-24X168</b> | 16                  | 2                 | 4.4 in. (11.18 cm.) | 5.25"h X 38.38"w X 2.0"d  | 72/36 watts                   |

*The above are our standard models and most common size configurations:*

If you need a custom size, a specific matrix and/or pixel pitch, then we can design it and build it for you. We handle requests for custom enclosures with brushed aluminum and steel with a variety of color choices and custom mounting options available. We understand the stringent performance standard of the rail industry and we are prepared not only to meet those standards but to exceed them every step of the way.