

# Silent Advisor

## Radar Speed Trailers

### DISPLAY

Panel Size .....	36" x 29" (92 cm x 74 cm)
Panel Construction.....	All aluminum, modular construction
Matrix Size .....	9 x 12 pixels
Pixel Size.....	2.60" x 2.60" (66 mm x 66 mm)
Number of Digits.....	Up to three (3) - (1st digit as "1")
Number of Fonts .....	Four (4)
Character Height.....	18" (46 cm)
Display Technology.....	LED (amber, 592 nm)
Display Life Expectancy.....	10 years typical
Lifting Mechanism.....	1,000 lb. capacity winch and cable
Viewing Angle .....	>30°

### TRAILER

	RST-1000	RST-2000
Length Overall (operating)	75" (191 cm)	112" (284 cm)
Length Overall (towing)	117" (297 cm)	112" (284 cm)
Width Overall	56" (142 cm)	75" (191 cm)
Width Across Fenders	56" (142 cm)	75" (191 cm)
Height Traveling	90" (229 cm)	92" (234 cm)
Ground Clearance	13" (33 cm) min.	13" (33 cm) min.
Height Operating	129" (328 cm)	142" (361 cm)
Weight	(both) 1,160 lbs (526 kg) approximately	
Coupler	(both) 2" (50 mm) ball or 2.5" (64 mm) pintle ring	
Axle/Suspension	(both) Torq flex, independent	
Display Height	RST-1000: 3.5 feet (107 cm) to bottom of LED display RST-2000: 7 feet (214 cm) to bottom of LED display	

### MEGA-TECH CONTROL CONSOLE

Console Circuitry .....	Ultra-low power solid state
Console Touchscreen .....	Waterproof, backlit, full-color GUI, intuitive icon-driven, multi-lingual
Programming Software .....	Proprietary with automatic remotely managed upgrades (field upgradable for units not connected to Command Center)
Message Capacity .....	Pre-programmed and user-defined (> 250 each)
Message Display Time .....	User-selectable (0.1 to 99 seconds)
Display Update Time .....	Instantaneous
Non-Volatile Memory .....	4 GB Micro SD card
Password Protection .....	User-selectable, multi-level
Operator Interface .....	Easy-to-use icons (no manual required)
Connectivity .....	Supports NTCIP version 2 via UDP/IP over Ethernet, UDP/IP over the built-in cellular modem, and PMPP over RS-232.
Remote Control.....	Embedded cellular transceiver with free cellular service and fleet management software included
GPS .....	Integrated GPS receiver

### ENERGY SOURCE

Operating Voltage .....	12 volts DC (nominal)
Battery Type .....	6 Volt heavy duty, deep cycle (GC-2) protected by anti-theft steel security frame and hardware
Number of Batteries.....	Two (2) lead acid (flooded)
w/Auxiliary Battery Pack.....	Four (4) lead acid (flooded)
Battery Bank Capacity .....	260 amp hours
w/Auxiliary Battery Pack.....	520 amp hours
Battery Status Indicator.....	Displays battery voltage, charging activity and low battery condition
Solar Array Construction.....	Top mounted in aluminum frame
Solar Array Power Output.....	Standard 40 watt (nominal)
Solar Charge Controller.....	Automatic, temperature compensated



### SPEED LIMIT SIGN

Panel Size .....	30" wide x 36" high (77 cm x 92 cm)
Panel Construction.....	All aluminum, Type III Coated
Numerals .....	First Digit - 1, 2, 3, 4, 5, 6 or 7 Second Digit - 0 or 5
Sign Height.....	7 feet (214 cm) *Both Units

### RADAR DETECTOR

Operating Frequency .....	24.150 GHz (K-Band)
Antenna Beam width .....	12 degrees circular
Capture Angle .....	16.5 degrees
Target Speed Range .....	5 to 199 MPH (8 to 199 KPH)
Speed Accuracy .....	1 MPH typical
Detection Distance.....	1,500 feet
Units.....	MPH or KPH (user-selectable)

### OPTIONS AND UPGRADES

#### LARGER SPEED LIMIT SIGN SIZES

RST-1000:	36" w x 48" h (92 x 122 cm)
RST-2000:	48" w x 60" h (122 cm x 153 cm)

#### BATTERY UPGRADES

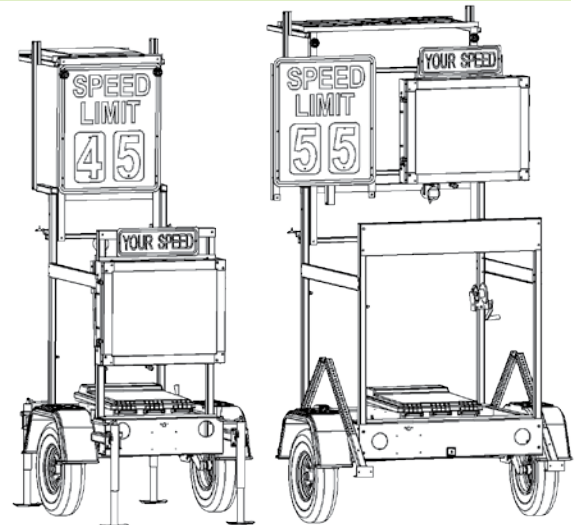
- Four (4) lead acid (flooded) (520 amp/hour capacity)
- Two (2) maint. free (Gel Cell or AGM) 260 amp/hour capacity
- Four (4) maint. free (Gel Cell or AGM) 520 amp/hour capacity

#### BATTERY CHARGER OPTIONS

- 45 amp output (120 volt AC 60 Hz - input)

#### SECURITY OPTION

Vandal-Proof Battery Box reinforced steel cage



Custom colors available



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