

ADDCO PTS-2000™

THE EASIEST TO DEPLOY AND USE PORTABLE TRAFFIC SIGNAL

MADE IN
USA

The ADDCO PTS-2000 is the most advanced and easiest to deploy portable traffic signal system available. It features a fully automated electric mast that can be raised into position with the flip of a switch. One person can set up the ADDCO PTS-2000 system in seconds without entering the traffic path.



NEMA TS5-TR1 PORTABLE TRAFFIC SIGNAL

The ADDCO PTS-2000 system consists of two or more trailers, controlling up to 16 traffic phases and employing up to 30 signal trailers. Each trailer features a bank of batteries with solar recharging, two signal heads, an integrated radio with solid state signal control and a scaling redundant conflict monitoring system. The signals are capable of operating under manual or automatic control.



EASY TO USE GALAXY OPERATING SYSTEM

The Galaxy Controller is capable of driving a single temporary signal or an entire network. Users can program and store everything from simple flagger functions to complex 16 phase intersections. The controller features wireless programming and operation; monitors and manages power consumption; and stores a library of programs for the complete range traffic control scenarios.

COMPREHENSIVE REAL-TIME REMOTE MONITORING

When you buy or rent portable traffic signals from JTI, you have the peace of mind knowing we have your back any time of the day or night. Our Galaxy Remote Monitoring System (RMS) enables you to monitor your portable traffic signals in real time and receive text or email alerts. JTI also offers Galaxy RMS Plus, which also enables our technical support team to work with your traffic control engineers to make programming adjustments and resolve any issues from anywhere and at any time 24/7.



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FEATURES

JTI can customize the ADDCO PTS-2000 to match any state specification, including signal head visor/door color/material, trailer harness plugs, LED brand, and signal head configuration (turn arrows, etc.).

STANDARD FEATURES	AVAILABLE OPTIONS
Trailer / Mast & Arm <ul style="list-style-type: none">» Heavy-duty, ASTM A500B, structural steel tubing» Frame steel tubing size: 4" x 2" x 3/16"» Fenders bolt-on heavy-duty 12-gauge steel» Drop axle and electric brakes» Heavy-duty drop leg jacks» Electric actuators for mast lift and arm extension» Retractable and lockable tongue» Lifting eye for trailer placement» Designed to tow in tandem or individually» Non-slip treads	<ul style="list-style-type: none">» Custom colors» Hydraulic actuators» Hitch style and size» Manual extension arm for 3-section lighthead» Manual extension arm for 5-section lighthead» Electric actuator for moving extension arm» Upper auxiliary swivel mount (for extension arm)» Tool Box (with single battery box configuration only)» External security light
Power <ul style="list-style-type: none">» Completely self-contained power supply» Eight (8) 6-volt batteries standard (one battery box)» Approximately 900 Amp-hours capacity at 12V» Two (2) 160W solar panels standard (320W total)» Onboard auxiliary 110/120V AC charger» Weatherproof and lockable battery enclosure	<ul style="list-style-type: none">» Additional battery box with eight (8) 6v batteries» Additional solar array configurations available from 320W to 640W
Signal Heads <ul style="list-style-type: none">» Two signal heads per trailer (one high and one low)» 3-section signal heads» Fixed arm support» 12" diameter, standard ITE approved LEDs» Light heads rotate 180° in 10° increments	<ul style="list-style-type: none">» Back plates» Signal head visor/color/material» Signal head configuration (turn arrows, etc.)» Third light head with static upper arm auxiliary mount» Pedestrian crossing signal» Countdown timer
Galaxy Controller <ul style="list-style-type: none">» Includes Galaxy Operating System» Wireless programming and operation» Run up to 16 traffic phases» Radio-interconnect up to 30 signal trailers» Embedded conflict monitor» Store up to 20 pre-set signal programs» Lockable metal control cabinet	<ul style="list-style-type: none">» Galaxy Wireless Interface System (for knockdowns)» Galaxy Remote Monitoring System (RMS)» Flagger remote control» Galaxy Station Control System» Pilot car operation

OTHER OPTIONS

Video, Doppler, and Microwave motion sensors
Galaxy Wait Time/Fault Display System
Pre-emption (emergency vehicle)

CERTIFICATIONS

- » NEMA TS 5-TR1 Portable Traffic Signal
- » 90 mph wind load certified
- » NATM certified

SPECIFICATIONS

- » Deployed Height (pavement to bottom of upper signal head): 17'6"
- » Deployed Height (pavement to bottom of lower signal head): 9'7"
- » Transport Height (pavement to highest point on trailer): 8' 5"
- » Width (at widest point): 7' 0"
- » Length (tongue extended): 16'6"
- » Length (tongue stowed): 12'5"
- » Length (tandem tow configuration): 28'8"
- » Distance (lateral spacing between signal heads): 10'7"
- » Distance (between edge of trailer and upper signal head): 9'7"
- » Distance (between pavement and top of upper signal head): 21'4"
- » Gross Weight: 3,040 lbs



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