

## Lattice Series | WPS Mobile Tower



## Mass Notification Systems for Temporary Applications

MCA designs, installs, and maintains world-class mass alerting and notification solutions for government agencies from coast-to-coast. Our fully integrated mass notification systems keep your people advised of events that occur while providing vital instructions for any actions they need to take.

Most public safety agencies are aware of the existence and use of Mass Notification Systems (MNS) to broadcast critical messages that proactively or reactively provide pertinent need-to-know information to their community residents regarding human manufactured or naturally occurring emergency situations.

What many agencies don't know, is that while many of systems are traditionally utilized within fixed installations, we are also able to provide them with mobile solutions for temporary facilities, events, and disaster recovery sites. This is especially useful for forward operating bases in military applications, pop-up medical facilities during large scale patient care operations, staging areas for disaster recovery agencies, and other vital uses.

### Mobile Alerting Towers

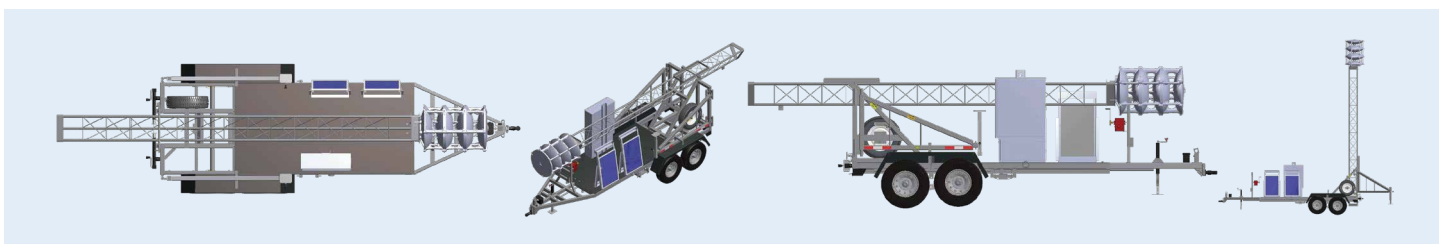
Along with our manufacturing partners at Whelen and ATCS, we are able to provide modular, reliable, and durable mass notification trailers that improve the safety and security of citizens and personnel working or living in areas designated for temporary use. Simply attach your mobile MNS tower to a sufficient truck or tractor trailer and move it into strategic locations to keep your people alerted, informed, and directed should emergency situations arise.

## Modular | Reliable | Safe

The Lattice Series mobile tower is the product of over ten years worth of design and testing. It is the most robust mobile tower platform on the market with standard safety features to ensure your deployment stays up.

The mechanical advantage built into the design provides a safety factor for both the lift and tilt winches. Less stress is placed on the gear boxes and motors reducing the total cost of ownership.

The Lattice Series mobile tower will quickly become the work horse for your mobile communication deployments. It's what a mobile tower should be.



### Why Partner with MCA?

- Over 30 Years Experience in Communications
- Quality Devices from Top Manufacturing Partners
- Rapid Deployment of Alerting Solutions
- Fast, Secure, and Reliable Network Performance
- Customized Engineering Services



### About MCA

Enterprise leaders faced with problems from communication gaps, security challenges, and data threats choose MCA's certified teams to design, implement, and maximize solutions, from the most trusted and reliable US-based manufacturers. These leaders love the assurance of MCA's local sales and service teams, being there in the moments that matter throughout the life of the solution.

**We are the trusted advisor for a safe, secure, and efficient workplace.** MCA offers a carefully researched portfolio of voice, data, and security solutions. As your trusted advisor, we reduce the time and effort needed to research, install, and maintain the right solutions to make your workplace better.

Tower	LS-40	LS-55	LS-72	LS-89	LS-106
Fully Deployed Height	40'	55'	72'	89'	106'
Minimum Deployed Height	22'	23'	24'	26'	28'
Tower Sections	1	2	3	4	5
Maximum Payload	850lbs	1,050lbs	850lbs	750lbs	650lbs
Main Winch Cable Diameter	1/2"	3/8"	3/8"	3/8"	3/8"
Main Winch Cables Per System	N/A	1	2	2	2
Tower Section Cable Diameter	N/A	3/8"	3/8"	3/8"	3/8"
Cables Per Tower Section	N/A	3	3	3	3
Main Winch Motor HP	1-HP	1-HP	1-HP	1-HP	1-HP
Tilt Winch Motor HP	HC	1-HP	1-HP	1-HP	1-HP
Main Winch Motor Brake	Y	Y	Y	Y	Y
Tilt Winch Motor Brake	Y	Y	Y	Y	Y
Drum Safety Lock	Y	Y	Y	Y	Y
Winch Torque	HC	5,300 lbs	13,000 lbs	13,000 lbs	13,000 lbs
Sheave Type	Roller-Bearing	Roller-Bearing	Roller-Bearing	Roller-Bearing	Roller-Bearing
Sheave Material	Nylatron-GSM	Nylatron-GSM	Nylatron-GSM	Nylatron-GSM	Nylatron-GSM
Adjustable Tower Section Guides	NA	Y	Y	Y	Y
3-Sector Antenna Mount	Included	Included	Included	Included	Included
4-Sector Antenna Mount	Optional	Optional	Optional	Optional	Optional
6-Sector Antenna Mount	Optional	Optional	Optional	Optional	Optional
NEMA Rated Control Panel [UL/cUL]	Included	Included	Included	Included	Included

Trailer					
GVWR	14,000lbs	14,000lbs	14,000lbs	14,000lbs	14,000lbs
Dual Axle Suspension	7,000lbs	7,000lbs	7,000lbs	7,000lbs	7,000lbs
Deck Height	24"	24"	24"	24"	24"
Number of Axles	2	2	2	2	2
Transport Height	12'6"	12'6"	12'6"	12'6"	12'6"
Transport Width	8'	8'	8'	8'	8'
Transport Length	33'	33'	33'	33'	33'
Curb Weight	4,800 lbs	8,300 lbs	8,700 lbs	9,100 lbs	9,500 lbs
12,000lbs Leveling Jacks	4	4	4	4	4
17' Folding Outriggers	2	2	2	2	2
6' Outrigger	Optional	Optional	Optional	Optional	Optional
Powder Coat	Y	Y	Y	Y	Y
Storage Box	18"x18"x24"	18"x18"x24"	18"x18"x24"	18"x18"x24"	18"x18"x24"
Full Size Spare Tire	Y	Y	Y	Y	Y
DOT - Safety Chains	Y	Y	Y	Y	Y
DOT - Break Away Kit	Y	Y	Y	Y	Y
Standard 7-PIN Electrical Connector	Y	Y	Y	Y	Y
Wheel Chocks	Y	Y	Y	Y	Y
2-5/16" Ball Hitch	Y	Y	Y	Y	Y

CONTACT US TODAY TO ENGINEER YOUR MASS NOTIFICATION SOLUTIONS



www.callmc.com • 800-577-3678 • info@callmc.com