



*Shown Above : Dual Horn System Configuration*



### PRODUCT INFORMATION

RANGE-1	Single Horn: 60XL Mobile Range System
RANGE-2	Dual Horn: 60XL Mobile Range System

### DIRECTIONALITY, POWER, & RANGE

- › Industry-leading vocal intelligibility
- › 60° directional beam for accurate targeting
- › Portable and versatile
- › Highly effective for emergency warning and public address
- › Designed for efficiency and low power consumption
- › Rugged components allow for use in all weather conditions
- › Remotely operate from more than 100 feet away

### SYSTEM COMPONENTS

- › 60XL Horn Speaker
- › Medium-duty Tripod
- › Self-contained Amplifier Pack
- › MP3 Player
- › Push-to-Talk Microphone
- › Connection Cables and Cable Reel
- › Pelican™ Protective Cases

### MARKETS SERVED

- › Indoor/Outdoor Ranges
- › Disaster Response
- › Emergency Warning
- › Public Safety Mass Notification
- › Commercial Security
- › Homeland Security

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XL Driver Technology  
for Louder Broadcasts**

### 60XL MOBILE RANGE SYSTEM: VERSATILE & PORTABLE MASS NOTIFICATION

The 60XL Mobile Range System incorporates highly intelligible, focused sound in a small, mobile form factor that enables operators to configure the system to meet their unique public safety and mass notification needs.

The 60XL horn has a Speech Transmission Index rating of 0.95 on a 0.00 - 1.00 scale, ensuring critical communications are always clearly heard and understood.

The horn's 60° audio dispersion pattern distributes voice communications more effectively and efficiently.

The self-contained amplifier pack is easily transported and set up to provide several hours of continuous mass notification, no matter the location.

The 60XL Mobile Range System is available in either one or two-horn configurations.

### ACOUSTIC SPECIFICATIONS

Maximum Continuous Output (RMS)	Single Horn: 139 dBA SPL at 2 kHz	Dual Horn: 145 dBA SPL at 2 kHz
Frequency Response	350 Hz - 7.0 kHz	
Beam Width	60 degrees at 1 kHz (-9 dB)	
Max Range (Ideal Conditions: 74 dB SPL)	Single Horn: 900 meters	Dual Horn: 1700 meters
Operational Range (High Noise Conditions: 82 dB SPL)	Single Horn: 300-400 meters	Dual Horn: 600-800 meters

### MECHANICAL SPECIFICATIONS

Horn Dimensions (with stud)	18.5 in x 15.0 in x 17.0 in (47.0 cm x 38.1 cm x 43.2 cm)	
Horn Weight (with stud)	15.6 lb (7.1 kg)	
Horn Construction	Injection Molded Plastic	
Amp Pack Dimensions	21.2 in x 16.0 in x 8.3 in (53.8 cm x 40.6 cm x 21.1 cm)	
Amp Pack Weight	43.7 lb (19.8 kg)	
Tripod Dimensions	Height Open: 43.5 in (110.5 cm) Height Collapsed: 31.4 in (79.8 cm)	Diameter: 55.5 in (141.0 cm)
Tripod Weight	19.0 lb (8.6 kg)	

### ELECTRICAL SPECIFICATIONS: AMPLIFIER PACK

Power Output	2 x 160 W	
Estimated Playback Time (at Maximum, Continuous Power Output)	1 hour 40 minutes	
Power Portability Capacity	570 W	
Power Input (for charging)	100-240 VAC	50/60 Hz
Estimated Time to Charge	9 hours from empty to full	
Max Power Req. to Charge	185 W @ 120 VAC	

### ENVIRONMENTAL SPECIFICATIONS: 60XL HORN

Cold/Hot Operating Temperature	MIL-STD-810G, Method 501.5 & 502.5, Procedure II, -33° to 60° C (-27° to 140° F)
Cold/Hot Storage Temperature	MIL-STD-810G, Method 501.5 & 502.5, Procedure I, -40° to 70° C (-40° to 158° F)
Operating Humidity	MIL-STD-810G, Method 507.5, Procedure II, Aggravated Cycle
Rain	MIL-STD-810G, Method 506.5, Procedure I, Blowing Rain
Salt Fog	MIL-STD-810G, Method 509.5

*Designed to meet MIL-STD-810G*

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