



TWO EMITTER



ONE EMITTER

PRODUCT INFORMATION

360XL-1ST-SYS	360XL omnidirectional, long range warning and communications system, 1 emitter with expanded control cabinet
360XL-2ST-SYS	360XL omnidirectional, long range warning and communications system, 2 emitters with expanded control cabinet

INCLUDED ACCESSORIES

1 RU Amplifier	Remote control interface to power each amplifier on and off, read fault status and control volume. 360XL amplifiers power up and are fully operational in less than 1 second to preserve UPS batteries during power failures.
Cables	70ft, cable assembly - amplifier to head unit, 18AWG

OPTIONAL ACCESSORIES

360X Mobile Trailer	Dual axle trailer with telescoping/folding mast (30ft / 9.14m max height) and rechargeable battery bank for 8 hours of continuous operation
Rooftop Mount	38in (96.5cm) rooftop mount

DIRECTIONALITY, POWER & RANGE

- > 360° uniform sound coverage
- > Powerful, highly intelligible voice communications up to 5.3 sq. km.
- > Clearly communicate lifesaving information over large areas

FEATURES

- > Fully ruggedized, space saving 1RU amplifier modules
- > Low power consumption for extended power outages
- > Industry leading voice clarity and intelligibility

MARKETS SERVED

- > Mass Notification
- > Emergency Warning
- > Public Address
- > Law Enforcement
- > Defense
- > Homeland Security



1 RU AMPLIFIER



SUPERIOR PERFORMANCE FOR HIGHLY INTELLIGIBLE EMERGENCY WARNING & PUBLIC ADDRESS

Featuring Genasys' next-generation XL driver technology, the 360XL delivers unmatched, highly intelligible voice and warning siren broadcasts with uniform 360° coverage.

The 360XL broadcasts uninterrupted audio communications over a 1.3km radius. 360XL 2 emitter systems produce up to 141dB at one meter.

Mounted on buildings and/or stand-alone poles with an integrated, fully self-contained, ruggedized trailer option, the 360XL is built to withstand up to 200 mph winds, is field upgradeable for added area coverage, and features flexible power options including battery, generator and solar. Each 360XL 2RU amplifier module drives two emitters. An optional TCP/IP network control interface is available for remote activation and control of multiple installations.



PERFORMANCE SPECIFICATIONS

	ONE EMITTER	TWO EMITTER
Maximum SPL @ 1 Meter	135 dBA	141 dBA
70 DB Coverage Radius	700 m	1000 m
Acoustic Array Dimensions	Dia = 34 in / 86.3 cm H = 27.7 in / 69 cm	Dia = 34 in / 86.3 cm H = 40.2 in / 99.6 cm
Acoustic Array Weight	125 lb / 49.9 kg	190 lb / 72.6 kg
Acoustic Array Effective Projected Area (EPA)	710 sq. in. .458 sq. m	1025 sq. in. .661 sq. m
Acoustic Array Conduit Inlet* (US Threads)	3/4" NPT	3/4" NPT
Acoustic Array Conduit Inlet* (English Threads)	G-3/4" BSPP	G-3/4" BSPP
Amplifier Power Consumption (MAX/TYP)	790 W / 360 W	1580 W / 720 W
Amplifier Dimensions	Two 1RU amplifiers: D=14.5in W=19in H=3.45 (2RU)	Four 1RU amplifiers: D=14.5in W=19in H=6.9in (4RU)
Amplifier Weight	14.8 lbs (32.62 kg) (2 x 7.4 lbs)	29.6 lbs (13.4 kg) (4 x 7.4 lbs)
Required Airflow	32cfm	64cfm
Thermal Load	150W at max output power of 640W (81% efficiency)	300W at max output power of 1280W (81% efficiency)
Inrush Current	<40A	<80A

ELECTRICAL SPECIFICATIONS

Standby Power Consumption	0W
Amplifier Input Power	20-32VDC
EMC	FCC Class A Radiated Emissions, CE



PHYSICAL SPECIFICATIONS

Temperature	-40°C to +60°C
Construction	Composite, Aluminum, Galvanized Structural Steel
Hazardous Substances	RoHS Compliant

INTERFACE

Amplifier Interfaces	Hard power on/off switch, Resettable pushbutton 40A circuit breaker, One XLR balanced audio input (0.775 VRMS, 2.0kOhm load), One RCA single ended audio input (0.775 VRMS, 1.0kOhm load), One RCA single ended audio out pass through for daisy-chaining multiple amplifiers, Power LED, green, Master volume control rotating knob with 300° rotation, 8-pin speaker out Phoenix screw connector, 12 AWG to 24 AWG, Two 10-32 studs for DC power input, 10-pin Remote Control Interface Phoenix screw connector, 16 AWG to 28 AWG
Remote Control Interface Functions	Remote power on/off, Two bit remote volume control, Latching fault, Fault reset



Genasys - A Critical Communications Company

Genasys Inc. is the global leader in Long Range Voice Broadcast systems and advanced Public Safety Notification and Emergency Warning solutions. The Company's LRAD systems are in service in 72 countries and in more than 450 U.S. cities, counties, and states in diverse applications, including public safety mass notification, law enforcement defense, border and homeland security, critical infrastructure protection, fire rescue and emergency management, maritime and port security, and wildlife control and preservation.

For more information, please visit: genasys.com