

BACK PACK LOUD HAILER SYSTEMS

PSPAK 12X2



The Power Sonix PSPAK 12X2 is a completely self contained, portable, 600-watt public address system capable of projecting clear, intelligible speech up to one mile away (1.6 Km).

The key characteristic of the PSPAK 12X2 is that each of the two speakers can be separated from each other allowing 300 watts of sound to be individually targeted in 2 different

directions. This provides the capability to reach a broader audience across the horizon or 2 distinct targets simultaneously. This is a critical capability in emergency response and search & rescue operations, especially when there are a limited number of loud hailer systems in the field. For maximum distance, keep the speakers attached. If you only have 1 system, this should be it.

PSPAK 22



The Power Sonix PSPAK 22 is also a completely self contained, portable, 600-watt public address system capable of projecting clear, intelligible speech up to one mile away (1.6 Km).

The key characteristic of the PSPAK 22 is that both speakers are mounted in the same enclosure and as such are always pointed together at 1 target. This provides maximum range of voice projection for a

back pack system. The extra range is often a life saver for military or law enforcement personnel facing the threat of hostile fire. Getting an extra 1/4 to 1/2 mile away puts your people in a much safer and more manageable position for operating the equipment. In SAR, 600 watts on a hill top will cover many square miles with life-saving directions in just minutes!

ABOUT OUR LOUD HAILER BACK PACKS...

Power Sonix PSPAKs are military-grade, all-metal construction for superior ruggedness. They are light enough to be carried by a single person and easy to operate. PSPAKs are designed to give the maximum acoustical power performance with minimal weight and space for infantry and ground-based emergency operations. This is achieved by using a 95% efficient class D audio amplifier, low impedance speaker transducers, and a lightweight, high energy density, lithium polymer battery. Working together, these components produce an unparalleled speech projection capability.



PS-AMP-600

Back Pack system components include; 1) amplifier (PS-AMP-600), 2) speaker horn array, 3) rechargeable battery, 4) remote control (PS-RCU), 5) noise canceling microphone, 5) battery charger, 6) carrying frame with mounting rack, and 7) associated interconnect cables. The complete system fits within standard military ruck sacks. It is weather resistant and not compromised in hostile environments.

The PSPAK has two solid state recorded signals permanently stored in the remote control. One is called the "Siren" and the second is called the "Trill". In many cases, there is competing noise in the target environment and the system is operated at maximum volume levels. Ear protection is recommended. In addition to speaking through the mic, you can play pre-recorded studio-quality messages from a commercial MP3 or CD player using the AUX Input. Can also be used with wireless transceivers for remote operation.



PS-RCU

EMERGENCY & PSYOPS APPLICATIONS

PSPAKs are ideally suited for both military and civilian missions such as emergency warnings, search and rescue (SAR), disaster alerts, crowd control, psychological operations, and terrorist/hostage negotiations, to name a few. And by the way, PSPAKs have the versatility to be easily deployed from a ship, vehicle, aircraft, mounted on a tripod or attached to a fixed pole for a variety of communication missions!

SAR: The most typical use of loud hailers for saving lives. Every law enforcement unit should have at least one PSPAK for their mobile units. A PSPAK covers more territory than an army of volunteers. Working in tandem with our airborne systems, you simply can't get a message out over a broader area using any other system.

Emergency Response: use the PSPAK to direct people without phones, car radios or computer access with critical, life-saving information. In an era of terrorism, every embassy, port authority, energy plant and law enforcement installation should be equipped with this technology as part of their readiness plan.

Tsunami Alert: A coastal population can be quickly given clear instruction on how to avoid a coming tsunami and direct their exodus so it doesn't interfere with responders trying to do other critical tasks.

Military Ops: the PSPAK can be used to communicate between two independent groups positioned a mile apart. This preserves radio silence avoiding radio signals which can be picked up well over a mile away.

PSYOPS: use the system can be used to harass the enemy with annoying sounds and cause confusion and discomfort from lack of sleep. Pre-recorded sound effects can produce the audio deception of troop, vehicle or aircraft movement. Even munitions fire can be pre-recorded and used to deceive an enemy about troop and ordinance strength. The number of possible uses is limited only by the imagination of the user.

PSPAK SELECTION CHART

	PSPAK12X2	PSPAK22
# Horns (PS-SPK-300)	2 horns, each repositionable for independent targeting	2 horns in a single enclosure for unidirectional targeting
Amplifier	PSAMP600	PSAMP600
Wattage of Standard Model	300 W each	600 W
Power Boosted Wattage (+Series)	400 W each	800 W
Max Current Draw Standard System	20 amp	20 amp
Max Current Draw Boosted System	25 amp	25 amp
Recommended Breaker Rating	30 amp	30 amp
SPL @1m	135 dB each	138 dB
Range at 70 dB	.75 Mile, (1200 m) in two directions or 1 Mile (1600 m) in one direction	1 Mile, (1600 m)
Weight of Back Pack System	36.2 Lbs, (16.5 Kg)	36.2 Lbs, (16.5 Kg)
Back Pack Dimensions	26.5" x 11.0" x 14.75" 67.0 cm x 28.0 cm x 37.5 cm	26.5" x 11.0" x 14.75" 67.0 cm x 28.0 cm x 37.5 cm

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