



Introducing the NEW **PSAIR22N** with its sleek, aerodynamic hexagon enclosure that reduces weight, drag, surface area and the vertical clearance required for mounting. As the next iteration of the most popular 600-watt PA for mid-sized helicopters and fixed-wing aircraft, the **PSAIR22N** raises the bar for putting effective, high-powered, clear speech projection into the smallest, lightest, most compact airborne package possible.



The PSAIR22N comes in 4 models to suit your specific aircraft and installation requirements. Each has 2 horns, 4 speaker drivers and our new aerodynamic hexagon enclosure. The differences between these models are the components housed within the hexagon enclosure.

PSAIR22N	Our standard configuration. Enclosure includes a 600-watt amplifier.
PSAIR22NP	Power-Boosted configuration. Enclosure includes 600-watt amplifier and a 5V DC-DC converter. Recommended whenever power cable run length exceeds 15'.
PSAIR22NR	Remote Control configuration. Enclosure includes 600-watt amplifier and a built-in remote control board that can be integrated with certain existing cockpit audio panels such as the Technisonic A710, A711 & A711L without the need for a separate PA controller.
PSAIR22NS	Speaker-Only configuration. Enclosure does not house any electronic components other than the 4 speaker drivers. Allows easier upgrade from older ineffective speaker arrays installed.

The PSAIR22N hexagon enclosure has two connectors. The "Power" connector will be attached to 28VDC either at the aircraft power buss (usu. via ring terminal) or an auxiliary battery pack. The "Remote" connector will attach to the Remote Control Unit (PSRCU) or to a suitable cockpit audio panel such as the Technisonic A790. For the PSAIR22NS, only the "Remote" connector would be utilized since the power would be delivered directly to the separate PSAMP600 amplifier.



As shown on the front photo, mating plates attached to each side of the PSAIR22N enclosure enable it to be secured to a mounting bracket. This can be the PSBRKT22N used for demonstrations or a bracket designed and fabricated by your installer to meet your installation requirements.



600-Watt Externally Mounted System on Bell 412

SPECIFICATIONS	PSAIR22N PSAIR22NP PSAIR22NR	PSAIR22NS
# Horns	2 horns	2 horns
Amplifier	600-watt included	Separate PSAMP600 required
Wattage of Standard PSAIR22N Model	600 W	600 W (PSAMP600)
Power Boosted Peak Wattage ("NP" Model)	800 W	800 W (PSAMP800)
Max. Current Draw Standard PSAIR22N	20 amp	20 amp (PSAMP600)
Max. Current Draw Boosted "NP" Model	25 amp	25 amp (PSAMP800)
Recommended Breaker Rating	30 amp	30 amp
SPL @1m	138 dB	138 dB
Range at 70 dB	1 Mile 1600 m	1 Mile 1600 m
Weight of Standard Amplified Speaker	24 Lbs 10.89 Kg	22 Lbs 9.98 Kg
Max. Space Requirement for Speaker Array	13.75" x 9.75" x 12.75" 34.93 cm x 24.77 cm x 32.39 cm	13.75" x 9.75" x 12.75" 34.93 cm x 24.77 cm x 32.39 cm

Hearing is believing. Contact your Dealer or Agent to set up a demonstration.

POWER SONIXTM
THE SOUND OF HOMELAND SECURITY

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