



PAS 100

AC OR BATTERY POWERED PORTABLE AMPLIFIED SPEAKER

KEY FEATURES

- Bi-amplified 50 Watt woofer and 30 Watt tweeter
- Up to four total inputs
- Two universal option slots accommodate up to two Sennheiser wireless microphone receivers, optional anti-shock CD/MP3 player (CDP3)
- Dynamic mic input (XLR or 1/4")
- Music playback input (dual RCA)
- 118 dB sound pressure level
- High, mid and low tone controls
- Advanced professional horn design
- Rugged cabinet design
- Integrated pole mount adaptor
- Battery status indicator
- Up to 8 hours battery life, rechargeable
- Use and charge at the same time
- Integrated storage pouch
- Light rain poncho included
- Durable nylon rain cover and carry bag available (PC100)



PRODUCT DESCRIPTION

The PAS 100 is a completely wireless indoor/outdoor portable speaker which is simple to set up and operate in record time. Characterized as being clear, natural and strong the PAS 100 brings K+H audio quality to fitness instructors, educators, hotels, local gatherings and small performance areas. It features two option slots for choosing Sennheiser wireless microphones or a built in CD/MP3 player as well as external inputs for a microphone and music playback. The conveniently integrated pouch holds microphones and accessories nearby.

Applications

The PAS 100 is perfect for schools, government, hospitality, and corporate uses where a portable, wireless, or battery-powered public address is needed.

The PAS 100 wireless speaker and microphone system can be moved around wherever needed for welcome receptions, corporate meetings, building lobbies, poolside events, evening stage entertainment, weddings on grounds, aerobic classes or background music for special events. Its rugged, touring style wooden housing and optional durable rain cover make the PAS 100 suitable for outdoor uses. It may be easily set up and taken down with each use. Rental companies, convention centers and hotels can save labor time on system cabling and maintenance by using the PAS 100.

TECHNICAL DATA

Acoustical	
Power amplifier (cont./max.)	50 W (Woofer), 30 W (Horn)
Max. SPL (1W/1m)	118 dB/SPL
Directivity	90° (H) x 40° (V) above 2500 Hz
Coverage	appr. 40-70 feet, audience up to 400
Frequency response	75 - 18,000 Hz
Crossover	3 kHz, 24 dB/Oct.
Electrical	
Input mixing channels	1 x MIC: electr. balanced, - 40 dBu, XLR or 1/4" Jack
	1 x AUX, RCA: 6 - 10 dBV unbalanced
	2 x Internal Sennheiser wireless receiver / CD/MP3-Player
Equalizer	Bass ± 6 dB (200 Hz), Mid ± 6 dB (2 kHz), Treble ± 6 dB (8 kHz)
Output	REC OUT, RCA, unbalanced
Power supply	100 - 230 VAC, 50 - 60 Hz Battery, built-in with built-in charger
Mechanical	
Cabinet material	Birch plywood, integrated handle
Cabinet surface	Sturdy, touring epoxy paint
Standard color	Black (RAL 9005)
Baffle cover	Metal grille in front of acoustic foam cover
Transducers	1 x 8" cone driver, 1 x 1" dome-tweeter with horn
Mounting point	Integrated pole mount socket
Dimensions (Height x width x depth)	451 x 266 x 323 mm (17 3/4 x 10 15/32 x 12 23/32")
Weight	Approx. 12 kg /26,5 lb (without receivers)
Included accessories	Power cord, Accessory pouch, Light rain poncho
Optional accessories	CD/MP3 Player (CDP3), Protective Cover (PC100), Collapsible Dolly (LRR 100)

ARCHITECT & ENGINEERING SPECS

The sound reinforcement loudspeaker shall be fully integrated including rechargeable battery, battery charger, 4-input mixer, audio power amplifier and a 2-way 50/30 Watt bi-amplified speaker system in one cabinet. Two option slots shall exist for the installation of either compatible CD players or wireless microphone receivers including cables for plug and play operation. The loudspeaker shall operate on AC power simultaneous to charging the battery. A lighted bar graph indicator shall indicate the battery charge level. The intelligibility of the sound may be enhanced with 3-way bass, mid and treble tone controls. The high frequency horn shall be computer modelled to provide a coverage area of 90 degrees horizontal by 40 degrees vertical above 2500Hz. Lighted indicators shall inform the user when the unit is operating from the battery, when the unit is operating from AC power and when the battery is charging. The mixer shall accept a microphone input compatible with dynamic microphones and the music input shall accept line level audio from portable music players. A line level audio output of the mix shall be available for recording or driving additional loudspeakers. An integrated pouch shall provide storage for accessories and a protective cover. The loudspeaker shall be carried from an integrated handle in the top of the cabinet. The loudspeaker shall be a K+H PAS 100.