

# freePORT™ PAS 400

The Modern Way of  
Wireless Sound Reinforcement

- Portable 100 W active speaker system
- Enhanced Flexibility by means of built-in rechargeable battery or AC powered operation
- Integrated mixer and amplifier
- Built-in slots for up to four evolution wireless systems
- Outstanding reproduction of music and speech



# freePORT™ PAS 400

Mobile powered PA-speaker battery and/or AC powered



freePORT PAS 400

freePORT PAS 400 with  
**evolutionwireless** bodypack receivers

freePORT PAS 400 with  
**evolutionwireless** diversity rack receivers

## freePORT PAS 400 - Description

Transportable, self-powered loudspeaker equipped with built-in amplifier and rechargeable battery provides total independence from AC power at any place you like. Up to four SENNHEISER **evolutionwireless** receivers can be built into two compartments for wireless reception of audio signals.

The freePORT PAS 400 is based on a state-of-the-art 3-chassis design. This concept in combination with a sophisticated electronic circuitry provides performance and flexibility advantages unattainable until now.

The high-power amplifier in combination with very efficient speakers affords high SPL, greater range, more optimal coverage, and outstanding feedback immunity. The freePORT PAS 400 impresses with its clear and undistorted sound quality paired with good intelligibility for speech and music reproduction.

## Versatile applications

- Powerful sound, both indoor and outdoor with natural sound reproduction for an audience up to 400
- Applicable for both for speech and music
- Easy to setup and use, even on short notice, in multiple applications such as summits, conferences, trade shows, lectures and training sessions. Your ideal companion at banquets, parties, sporting events, schools, houses of worship, theatres, fitness clubs and in any occasion where flexibility and freedom are essential.

## Easy setup within seconds

- Quickly mounted on a stand, no wires at all
- Turn on in battery mode, immediately operable
- Switch on wireless system or external sound source
- Ready to go

## Versatile companion with multiple talents

- User-friendly operation interface even without referring to the user manual.
- Two microphone inputs, one with phantom power for condenser microphones
- Neutrik-Combo connectors for connection to parallel XLR or 1/4" jacks
- Dedicated mixing channel for up to four built-in SENNHEISER **evolutionwireless** receivers
- 6 V and 12 V DC output for external sound devices such as portable CD players
- Connection for external devices, 2 RCA phono Jacks for both recording and playback
- 3-band equalizer for bass, mid-range and treble
- XLR-Line-Out for external devices like additional mixers and amplifiers
- Adjustable output for an additional speaker (15 W/4 Ohms), e.g. Pro X 5. Additional operation independent from the internal amplifier/speaker section.

## Independence from mains power

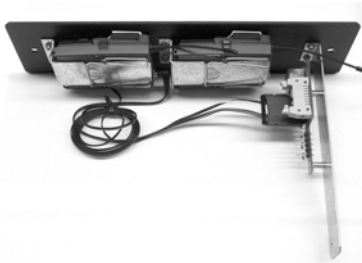
- Built-in high-performance rechargeable battery for the electronics. Wireless mode for up to 13 hours of operating time (voice transmission). Quickcharge feature even with simultaneous operation of the freePORT PAS 400.
- Low Battery indication
- Optional operation with 12 DC input (e.g. car battery)
- Mains power 230 V, 50 – 60 Hz (120 V version also available)

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## Installation kit



Mounting for [Evolution Wireless](#) bodypack receivers



Mounting for [Evolution Wireless](#) diversity rack receiver

## Elegant look

- Stylish but still rugged design, robust multiplex birch plywood housing with ergonomic, integrated handle. Strong protective front grill covered with an elegant acoustic foam material.
- Anthracite surface or fibre-nap finish
- Integrated pole mount socket for tripod mounting
- Protection of operation elements by recessed position on the rear of the cabinet.

## Smart accessories

- Safe transportation and storage provided by optional carrying bag LTR 100 with integrated compartment for accessories
- Easy transportation with optional trolley LRR 100
- Optional protective cover LRH 100 and sturdy speaker chassis allowing outdoor all-weather usage.
- Multiple mounting kits and accessories for various mounting options



TV-spigot LH 29



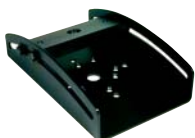
Mounting bracket LH 26



Tripod stand adaptor LH 28



Tilt connector LH 33



Tilt connector LH 36



Stand pipe SR 21



Trolley LRR 100



Carrying bag LTR 100



Carrying bag with Trolley



Rain and protective Cover LRH 100

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freePORT PAS 400 rear view



freePORT PAS 400 in use

Technical specification	freePORT PAS 400
Power amplifier (cont. / max.)	50/65 Watts (Woofer), 15/20 Watts (Horn), 15/20 Watts external speaker
Max. SPL in 1 m	116 dB/SPL
Directivity	90° (H) x 40° (V)
Coverage	appr. 40/70 feet, audience up to 400
Frequency response	75 - 18 000 Hz
Transducers	2 x 6,5" (T, M), 1 x 1" (H)-Horn
Crossover	3 kHz/24 dB/Oct.
Input mixing channels	1. MIC / LINE electr. balanced, -45/-25/0 dBu, switchable, XLR or 1/4" Jack 2. MIC / LINE, transf. balanced, -65/-25/+6 dBu, switchable, phantom power 12V, XLR or 1/4" Jack 3. AUX, RCA -6 - +6 dBu unbalanced
Equalizer	4. Internal evolution wireless G2 receiver, ground lift switch T ± 5 dB (100 Hz) M ± 4 dB (1800 Hz), H ± 12 dB (10 000 Hz)
Outputs	1. REC OUT RCA 2. LINE OUT +6 dBu electr. balanced XLR M 3. Monitor speaker 15 W/4 Ohm 1/4" Jack
Power supply	1. 230 V 50-60 Hz AC, 120 V version available 2. 12-16 V DC (e.g. car battery) 3. Integrated maintenance-free rechargeable battery 12 V/7,2 Ah, Quick-/Trickle-Charge circuitry integrated 4. 6 V and 12 V DC out for external audio sources
Operation time in battery mode	Up to 13 hours (speech), min. 3 hours (permanent full power)
Cabinet	Birch multiplex plywood, integrated handle, Anthracite surface or fibre-nap finish (RAL 7021), Integrated pole mount socket, multiple mounting kits, accessories for various mounting options, Front grill with acoustic foam cover
Dimensions (W x H x D)	8,6" x 19,3" x 10,2"
Weight	34 lb (without receivers)
Accessories	Mounting tools: LH 26, LH 33, LH 36, LST 60, SR 21, C 15, LH 26 + LH 28, LH 29 Rain and protective cover LRH 100, carrying bag LTR 100 Carrying bag with trolley LRR 100 Digital delay



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