





ZP-02X & ZP-04X

PORTABLE SOUND SYSTEMS





ZP-02X & **ZP-04X**

Digital portable PA systems with wired microphone and radio hand-held transmitter*) or radio bodypack transmitter**)

DIGITAL RADIO SYSTEM LIGHT-WEIGHT LONG OPERATING TIME WIDE RANGE

Mobile sound systems with digital radio system, high-performance lithium-ion battery, 20W (1) or 40W (2) digital power amplifier Class D and 102 dB (1) or 114.5 dB (2) sound pressure.

The digital portable loudspeaker systems ZP-02X and ZP-04X are equipped with 1 x wired condenser microphone, 1 x radio receiver and optionally 1 x radio hand-held transmitter (versions "-MC"*)) or 1 x radio bodypack transmitter (versions "-BP"**)). Frequency ranges: 800 MHz, 600 MHz or 500 MHz - depending on the model.

Models

ZP-02X MC...Version with radio hand-held transmitter 20 W Digital power amp CLASS-D, 102 dB

ZP-02X BP....Version with radio bodypack transmitter 20 W Digital power amp CLASS-D, 102 dB

ZP-04X MC... Version with radio hand-held transmitter 40 W Digital power amp CLASS-D, 114,5 dB

ZP-04X BP....Version with radio bodypack transmitter
40 W Digital power amp CLASS-D, 114,5 dB

NEW

WITH **DIGITAL RADIO TECHNOLOGY**:

A **digital radio transmission system** is installed in the portable sound systems ZP-02X and ZP-04X - the latest state of the art:

As a result of the increased frequency requirement in the analogue frequency spectrum and the increasingly narrow free frequency gaps, Phoenix Professional Audio has decided to develop a new intelligent digital radio solution and use it in the mobile sound systems ZP-02X and ZP-04X.

Compared to analog technology, the digital radio transmission system offers more security against radio interference, radio noise, etc.

The so-called "pairing" between the radio receiver and transmitter (radio microphone) creates a digitally coded, closed "radio bridge" that prevents the "intrusion" of other, unpaired and unauthorized radio connections.



ZP-02X & **ZP-04X** - Continued from previous page



ZP-02X & ZP-04X

PORTABLE SOUND SYSTEMS

Specials

The digital radio system also offers a choice of 16 channels with a frequency sdeviation of 500 Hz in the currently used HF spectrum (500 MHz, 600 MHz or 800 MHz frequency range, depending on the model).

In relation to the problematic issues with radio transmission. Phoenix Professional Audio offers you a new, reliable digital performance with the mobile sound systems ZP-02X and ZP-04X.

Complete SET

The scope of delivery includes a complete mobi-

- **le system** (scope varies depending on the model):
- 1 x portable speaker with wired microphone
- **Battery**
- Charger
- 1 x radio hand-held transmitter*) or radio bodypack transmitter**)
- 1 x radio receiver

The portable speaker systems were specially developed for use in environments where there is no power network or where cable laying is complicated. They are characterized by easy handling, low weight (approx. 1 kg (1) or 1.6 kg (2)) and complete freedom of movement.

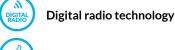
The integrated **UHF radio microphone receiver** and the **lithi**um-ion high-performance battery (Li-Ion) guarantee a long operating time (up to 4 hours (**①**) or up to 2 hours (**②**)) and maximum freedom of movement.

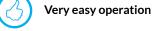
Thanks to their speaker systems (chassis), which are unique for mobile systems, it is possible to use the systems to provide sound to very large areas within a radius of up to 100 m effectively (system range) and with very good speech reproduction.

Technical data	ZP-02X	ZP-04X
Dimensions (H/W/D) [cm]	19.5 x 10 x 6.7	35.5 x 10 x 6.7
Assembly	2 x 3.5" 4 x 3.5" Neodymium fullrange chassis	
Battery operating time***)	4 hours	2 hours
Operating frequency [MHz]	480 - 680	
Efficiency (1W/1m) [dB]	91	95
Frequency response	120 - 18.000 Hz	
Weight [kg]	1	1,6
Sound pressure [dB]	102	114.5
Rated capacity	20 Watt Digital powe	40 Watt r amp Class-D
Range	25m to 100m (depending on weather / ambient noises)	
Supply voltage (int. battery)	14.4V	

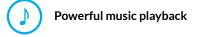
- Versions ..-MC" (with wireless microphone)
- Versions "-BP" (with bodypack (with lavalier and headset microphone))

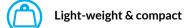
After full charge

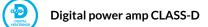


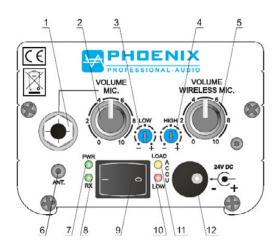


Excellent voice reproduction









- 1. Klinkenbuchse (6,3 mm) zum Anschluss eines kabelgebundenen Mikrofons
- 2. Lautstärkeregelung des kabelgebundenen Mikrofons
- Mikrofon-Klangregelung (Tiefton)
- 4. Mikrofon-Klangregelung (Hochton)
- Lautstärkeregelung des kabellosen Mikrofons
- 6. Empfangsantenne
- 7. Systemaktivierungssignal
- Betriebssignal des drahtlosen Mikrofons
- 9. An-/Aus-Schalter
- 10. Anzeige für niedrige Batteriespannung
- 11. Batterieladeanzeige
- 12. Buchse zum Anschluss des Batterieladegeräts



ZP-COVERRain cover **ZP-BMH**Neck microphone holder





ONLINESHOP *Links*:











www.phoenix-pa.com • www.phoenix-pa.com/shop

Tel.: +49 (0) 8061 495 603 - 0 | Fax: +49 (0) 8061 495 603 - 1 | E-Mail: info@phoenix-pa.com

PHOENIX PROFESSIONAL AUDIO GMBH

Gewerbepark Markfeld 5 83043 Bad Aibling Germany