

+30
YEARS of
Expertise

Made in EU



ZP-02X & ZP-04X

PORTABLE SOUND SYSTEMS



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www.phoenix-pa.com



PERFECT FOR
Processions, parades,
burials, (sports) events,
guided tours
and much more



Fig.:
All models are also available
with radio bodypack transmitter
(versions "BP") in place of the
radio hand-held transmitter
(versions "-MC")

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.

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.

- 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

1 Model ZP-02X 2 Model ZP-04X * Versions „MC“: with wireless microphone
** Versions „BP“: with bodypack (with lavalier and headset microphone)



The digital radio system also offers a choice of **16 channels** with a frequency deviation 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 mobile system (scope varies depending on the model):

- 1 x portable speaker with wired microphone
- Battery
- Charger
- 1 x radio hand-held transmitter^{*)} or radio body-pack 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 **lithium-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.**

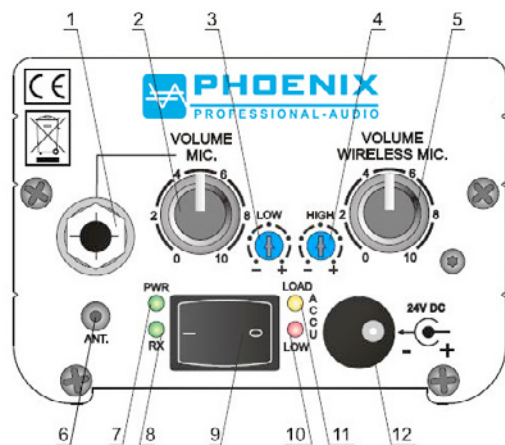
Thanks to their **speaker systems (chassis)**, which are unique for mobile systems, it is possible to use the systems to provide sound to very large areas within a **radius of up to 100 m** effectively (system range) and with **very good speech reproduction.**

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" Neodymium fullrange chassis	4 x 3.5"
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 power amp Class-D	40 Watt Digital power amp Class-D
Range	25m to 100m (depending on weather / ambient noises)	
Supply voltage (int. battery)	14.4V	

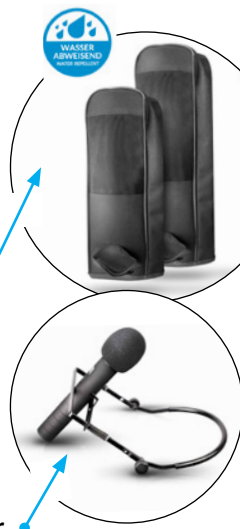
* Versions „MC“ (with wireless microphone)
 ** Versions „BP“ (with bodypack (with lavalier and headset microphone))
 *** After full charge



- Digital radio technology
- Very easy operation
- Excellent voice reproduction
- Powerful music playback
- Light-weight & compact
- Digital power amp CLASS-D



1. Klinkenbuchse (6,3 mm) zum Anschluss eines kabelgebundenen Mikrofons
Jack socket (6.3 mm) for connecting a wired microphone
2. Lautstärkeregelung des kabelgebundenen Mikrofons
Wired microphone volume control
3. Mikrofon-Klangregelung (Tieftön)
Microphone tone control (bass)
4. Mikrofon-Klangregelung (Hochton)
Microphone tone control (treble)
5. Lautstärkeregelung des kabellosen Mikrofons
Wireless microphone volume control
6. Empfangsantenne
Receiving antenna
7. Systemaktivierungssignal
System activation signal
8. Betriebssignal des drahtlosen Mikrofons
Wireless microphone operating signal
9. An-/Aus-Schalter
On/off switch
10. Anzeige für niedrige Batteriespannung
Low battery indicator
11. Batterieladeanzeige
Battery charge indicator
12. Buchse zum Anschluss des Batterieladegeräts
Socket for connecting the battery charger



- Accessories**
- ZP-COVER Rain cover
 - ZP-BMH Neck microphone holder



ONLINESHOP *Links:*



[ZP-02X >>](#)



[ZP-04X >>](#)



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