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Expertise

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PHOENIX
PROFESSIONAL-AUDIO

ZP-4D+2 X SET

PORTABLE SOUND SYSTEMS



BT
RECEIVER

**DIGITAL
RADIO**

**CLASS-D
DIGITAL
POWER AMP**



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ZP-4D+2 X SET

Portable PA system with digital radio, Class D digital amplifiers, MP3 players and more

- DIGITAL RADIO SYSTEM** **BT RECEIVER**
- 4 HRS. OPERATING TIME** **LIGHT-WEIGHT**

Portable amplifier system / procession system with digital power amp (2 x 20W, 2-channel digital Class-D), 2 x digital radio receiver and 2 x radio transmitter (hand-held microphone or bodypack transmitter), USB/SD player with BT receiver and nickel metal hydride (NiMH) battery.

The **ZP-4D+2 X (SET)** is a portable sound system in OUT-DOOR ALU housing with a digital radio system (2-channel receiver), digital power amplifier (2 x 20W, 2-channel digital Class D), USB/SD player with BT receiver. Frequency ranges: 800, 600 or 500 MHz - depending on the model.

The integrated UHF radio microphone receiver and the nickel metal hydride power battery (NI-MH) guarantee up to 4 hours of operating time and freedom of movement.

Equipment: 4 x 3" full-range speakers, neodymium.

Complete SET

The scope of delivery includes a complete mobile system (scope varies depending on the model):

- 1 x portable speaker column
- Battery
- Charger
- 2 x radio hand-held transmitter^{*)} or radio body-pack transmitter^{**)}
- 2 x radio receiver

DIGITAL RADIO TECHNOLOGY:

A digital radio transmission system is installed in the ZP-4D+2 X (SET) portable sound systems - 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 ZP-4D+2 X (SET) mobile sound systems.

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



Top-Features:













Fig.:
top device top
below device bottom
left ZP-4D+2X (SET)
rear side with
controls

^{*)} "MC" versions: with wireless hand-held microphone
^{**)} "BP" versions: with bodypack (with lavalier and headset microphone)



Specials

-  **Digital radio technology**
-  **Easy operation**
-  **Flexible use:** Mobile or as a stationary sound system (tripod solution)
-  **Excellent voice reproduction**
-  **Powerful music playback**
-  **Light-weight & compact**
-  **Player module with BT receiver:** Transfer and play music wirelessly. Supports all Bluetooth enabled devices.
-  **Playback module with USB port or SD card**
-  **Digital power amp CLASS-D**
-  **Numerous accessories** (stand / tripod, microphone holder, rain cover and more)

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.

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 ZP-4D+2 X (SET) mobile sound systems.

The ZP-4D+2 X (SET) portable procession system was specially developed for use in environments where there is no power grid or where cable laying is complicated. The system is particularly characterized by its **easy handling, low weight (approx. 4 kg)** and **long range (approx. 150 m)**.



Accessories (optional)

- ZP-COVER** Rain cover
- ZP-BMH** Neck microphone holder
- ZP-ST** Microphone stand

The **built-in playback module with BT receiver** (player for USB sticks, SD memory cards and for audio transmission using all common Bluetooth-enabled devices) will provide you with optimal support during use.

Easy data transfer



Complete freedom of movement:

The built-in playback module with **BT receiver** (including IR remote control) supports all common Bluetooth-enabled devices and allows you to **wirelessly transfer and play music or pre-written texts from your mobile phone, PC or MP3 player to the procession system.**

Inputs for **USB stick and SD memory card** are available

Fig.: Playback module (with BT receiver, inputs for USB stick + SD card) & remote control

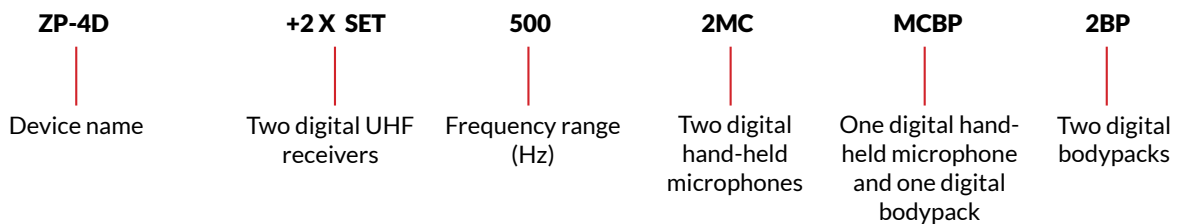
Technical data	ZP-4D+2 X (SET)
Dimensions	520mm
Antenna	integrated, screwable external antenna
Audio outputs	1 x LINE to XLR
Audio inputs	1 x Mic. on jack / 1 x LINE on RCA / 2 x radio receiver
Output power	40 watt sine wave (2 x 20W Class D)
Battery technology	Nickel-metal hydride battery (NiMH)
Operating time	approx. 4 hours
Rec. type/frequency range	800, 600 or 500 MHz - depending on the model
Frequency response	150 Hz - 15,000 Hz [+/-2 dB]
Radio technology	2 x radio receiver / 2 x radio transmitter
Weight	approx. 4kg
Loading time	approx. 10 hours
Speakers	4 x 3.5" full-range, neodymium
Range [radio]	70 mtrs.
Range [System]	150 mtr.
Sound pressure level	92 dBA value@1W/1Mtr.
Protection circuits	Short circuit, over temperature protection
Power supply	24VDC
Power amplifier	2-channel digital class D



Model names

ZP-4D+2 X SET 500-2BP	2 x digital bodypack with lavalier and headset microphone 2 x digital UHF radio receiver Frequency area 500 MHz
ZP-4D+2 X SET 500-2MC	2 x digital hand-held microphone 2 x digital UHF radio receiver Frequency area 500 MHz
ZP-4D+2 X SET 500-MCBP	1 x digital hand-held mic. + 1 x digital bodypack with lavalier and headset mic. 2 x digital UHF radio receiver Frequency area 500 MHz
ZP-4D+2 X SET 600-2BP	2 x digital bodypack with lavalier and headset microphone 2 x digital UHF radio receiver Frequency area 600 MHz
ZP-4D+2 X SET 600-2MC	2 x digital hand-held microphone 2 x digital UHF radio receiver Frequency area 600 MHz
ZP-4D+2 X SET 600-MCBP	1 x digital hand-held mic. + 1 x digital bodypack with lavalier and headset mic. 2 x digital UHF radio receiver Frequency area 600 MHz
ZP-4D+2 X SET 800-2BP	2 x digital bodypack with lavalier and headset microphone 2 x digital UHF radio receiver Frequency area 800 MHz
ZP-4D+2 X SET 800-2MC	2 x digital hand-held microphone 2 x digital UHF radio receiver Frequency area 800 MHz
ZP-4D+2 X SET 800-MCBP	1 x digital hand-held mic. + 1 x digital bodypack with lavalier and headset mic. 2 x digital UHF radio receiver Frequency area 800 MHz

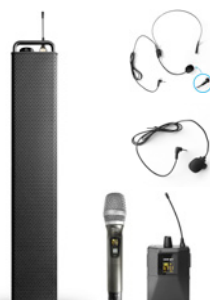
Meaning of the device name using the example of the version ZP-4D+2 X SET 500...



ZP-4D+2 X SET-XXX-2MC



ZP-4D+2 X SET-XXX-MCBP



ZP-4D+2 X SET-XXX-2BP





ONLINESHOP *Link:*



[ZP-4D+2X SET >>](#)



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