




# Power Dynamics PD632 Series Wireless Microphone Instruction Manual

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**Power Dynamics PD632 Series Wireless Microphone**



## instruction

Congratulations to the purchase of this Power Dynamics product. Please read this manual thoroughly prior to using the unit in order to benefit fully from all features.

Read the manual prior to using the unit. Follow the instructions in order not to invalidate the warranty. Take all precautions to avoid fire and/or electrical shock. Repairs must only be carried out by a qualified technician in order to avoid electrical shock. Keep the manual for future reference.

- Prior to using the unit, please ask advice from a specialist. When the unit is switched on for the first time, some smell may occur. This is normal and will disappear after a while.
- The unit contains voltage carrying parts. Therefore, do NOT open the housing.
- Do not place metal objects or pour liquids into the unit. This may cause electrical shock and malfunction.
- Do not place the unit near heat sources such as radiators, etc. Do not place the unit on a vibrating surface. Do not cover the ventilation holes.
- The unit is not suitable for continuous use.
- Be careful with the mains lead and do not damage it. A faulty or damaged mains lead can cause electrical

shock and malfunction.

- When unplugging the unit from a mains outlet, always pull the plug, never the lead.
- Do not plug or unplug the unit with wet hands.
- If the plug and/or the mains lead are damaged, they need to be replaced by a qualified technician.
- If the unit is damaged to such an extent that internal parts are visible, do NOT plug the unit into a mains outlet and DO NOT switch the unit on. Contact your dealer. Do NOT connect the unit to a rheostat or dimmer.
- To avoid fire and shock hazard, do not expose the unit to rain and moisture.
- All repairs should be carried out by a qualified technician only.
- Connect the unit to an earthed mains outlet (220-240Vac/50Hz) protected by a 10-16A fuse.
- During a thunderstorm or if the unit will not be used for a longer period of time, unplug it from the mains. The rule is: Unplug it from the mains when not in use.
- If the unit has not been used for a longer period of time, condensation may occur. Let the unit reach room temperature before you switch it on. Never use the unit in humid rooms or outdoors.
- To prevent accidents in companies, you must follow the applicable guidelines and follow the instructions.
- Do not repeatedly switch the fixture on and off. This shortens the lifetime.
- Keep the unit out of the reach of children. Do not leave the unit unattended.
- Do not use cleaning sprays to clean switches. The residues of these sprays cause deposits of dust and grease. In case of malfunction, always seek advice from a specialist.
- Do not force the controls.
- This unit is with speaker inside which can cause magnetic field. Keep this unit at least 60cm away from computer or TV.
- If this product has a built-in lead-acid rechargeable battery. Please recharge the battery every 3 months if you are not going to use the product for a long period of time. Otherwise the battery may be permanently damaged.
- If the battery is damaged, please replace with same specifications battery. And dispose the damaged battery environment friendly.
- If the unit has fallen, always have it checked by a qualified technician before you switch the unit on again.
- Do not use chemicals to clean the unit. They damage the varnish. Only clean the unit with a dry cloth.
- Keep away from electronic equipment that may cause interference.
- Only use original spares for repairs, otherwise serious damage and/or dangerous radiation may occur.
- Switch the unit off prior to unplugging it from the mains and/or other equipment. Unplug all leads and cables prior to moving the unit.
- Make sure that the mains lead cannot be damaged when people walk on it. Check the mains lead before every use for damages and faults!
- The mains voltage is 220-240Vac/50Hz. Check if power outlet match. If you travel, make sure that the mains voltage of the country is suitable for this unit.
- Keep the original packing material so that you can transport the unit in safe conditions.

**WARNING:** This mark attracts the attention of the user to high voltages that are present inside the housing and that are of sufficient magnitude to cause a shock hazard.

**CAUTION:** This mark attracts the attention of the user to important instructions that are contained in the manual and that he should read and adhere to.

The unit has been certified CE. It is prohibited to make any changes to the unit. They would invalidate the CE certificate and their guarantee!

**NOTE:** To make sure that the unit will function normally, it must be used in rooms with a temperature between

5°C/41°F and 35°C/95°F.

Electric products must not be put into household waste. Please bring them to a recycling centre. Ask your local authorities or your dealer about the way to proceed. The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

Do not attempt to make any repairs yourself. This would invalid your warranty. Do not make any changes to the unit. This would also invalid your warranty. The warranty is not applicable in case of accidents or damages caused by inappropriate use or disrespect of the warnings contained in this manual. Power Dynamics cannot be held responsible for personal injuries caused by a disrespect of the safety recommendations and warnings. This is also applicable to all damages in whatever form.

## UNPACKING INSTRUCTION

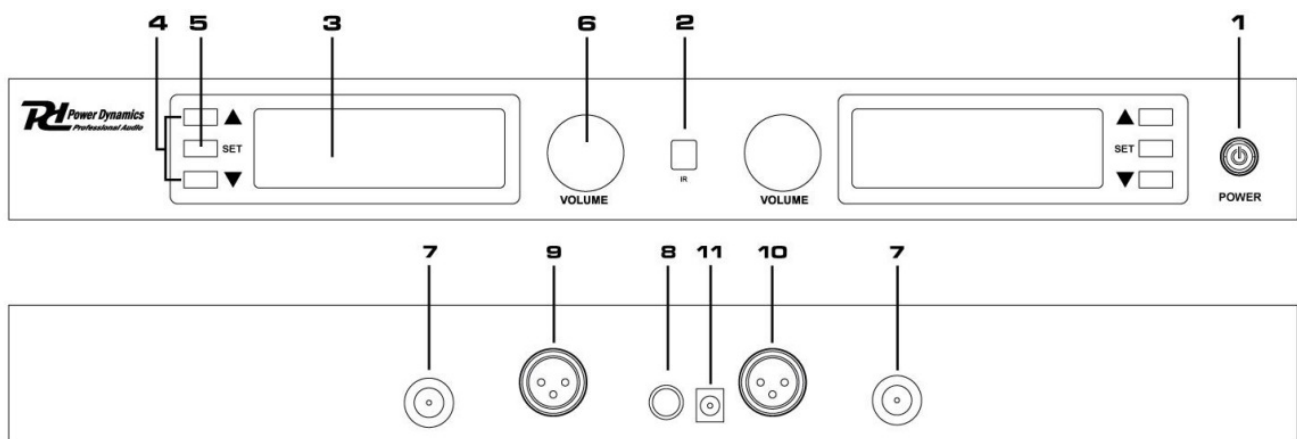
**CAUTION!** Carefully unpack the box upon receipt. Check the contents to ensure that all parts are present and have been received in good condition. Notify the shipper immediately and retain packaging material if any parts appear damaged from shipping or the package itself shows signs of mishandling. Save the package and all packaging materials. If the product must be returned, it is important that the product is returned in the original factory box and packaging.

If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.

## POWERSUPPLY

On the label on the backside of the product is indicated on this type of power supply must be connected. Check that the mains voltage corresponds to this, all other voltages than specified, the light effect can be irreparably damaged. The product must also be directly connected to the mains and may be used. No dimmer or adjustable power supply. Always connect the device to a protected circuit (circuit breaker or fuse). Make sure the device has an appropriate electrical ground to avoid the risk of electrocution or fire.

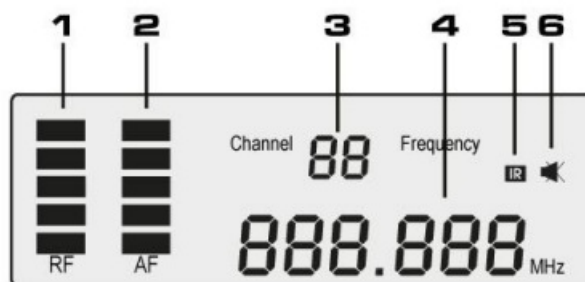
## OVERVIEW



1. Power ON/OFF
2. IR Sensor
3. Display
4. Up/Down buttons
5. Set button (Functions: frequency, auto-search, lock, IR)
6. Volume controller
7. BNC antenna connector

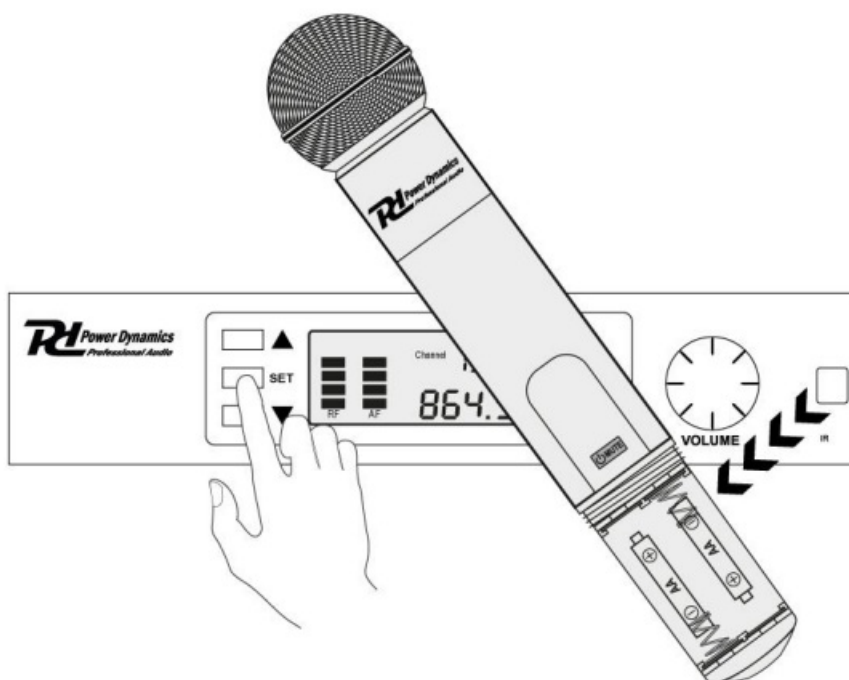
8. Mix output 6.3mm Jack connector
9. Balanced XLR output microphone channel B
10. Balanced XLR output microphone channel A
11. DC power Jack for external power supply (12V DC 1000mA)

## DISPLAY



1. RF Signal Strength Number of bars corresponds to RF signal strength.
2. AF Audiosignal Strength Number of bars corresponds to AF audiosignal strength.
3. Radio frequency
4. Transmission channel
5. IR Transmission
6. Active muting

## OPERATION



- Switch on the receiver with the power switch.
- Screw or open the battery cover of microphone and put new or full charged battery inside. Press the power switch on the microphone for 2 seconds, to switch on.
- Select automatic (Auto search) or manual (IR) search function.

### Automatic

Perform the automatic channel scan on each receiver section to select an interference-free transmission

channel. Press the ▲ or ▼ button, to select Auto Search and confirm with the SET button. Select YES and confirm with SET button again, the auto search will start, when the scan is complete, the display shows the number of the channel found. Manual

Press the ▲ or ▼ button, to select IR and confirm with the

SET button. Select YES and confirm with SET again. Select your transmission channel, with the ▲ and ▼ button on the receiver. Hold the IR sensor of microphone close to the IR sensor of the receiver. Press shortly on the SET button of the respective channel to synchronize the microphone. Noted: how more numbers of bars are displayed, how better is the reception.

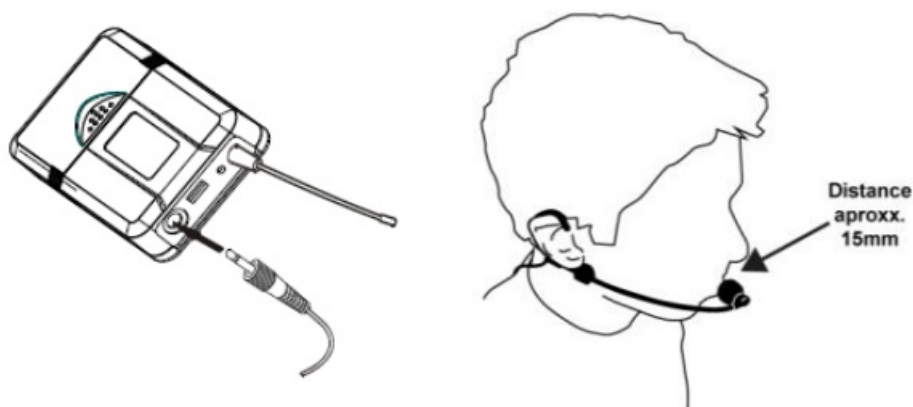
- Screw or close the battery cover onto the microphone again.

**Noted:** Press power ON/OFF button on the receiver for twice shortly, to leave menu.

#### **For optimum receiving**

- Reposition the receiver so there is nothing obstructing a line of sight to the microphones (including the audience).
- Avoid placing microphone and receiver where metal or other dense materials may be present.
- Place the receiver on the top of the equipment rack.
- Remove nearby sources of wireless interference, such as cell phones, two-way radios, computers, media players, Wi-Fi devices, and digital signal processors.
- Charge or replace the microphone battery.
- Keep microphones more than two meters (6 feet) from each other.
- Keep the microphones and receiver more than 5 meters (16 feet) apart.
- During sound check, mark trouble spots and ask presenters or performers to avoid those area.

#### **HEADSET MICROPHONE**



- Connect the connector of supplied headset microphone to the connecting jack of bodypack.
- Position the headset microphone approx. 15 mm (1/2 inch) from the opening of your mouth.

#### **RADIO FREQUENCY**

<b>Channel</b>	<b>MIC A EU Frequency</b>	<b>MIC B EU Frequency</b>	<b>MIC A NZ/AUS Frequency</b>	<b>MIC B NZ/AUS Frequency</b>
<b>0</b>	863.0 Mhz	863.0 Mhz	568.000 Mhz	575.000 Mhz
<b>1</b>	863.1 Mhz	863.1 Mhz	568.350 Mhz	575.350 Mhz
<b>2</b>	863.2 Mhz	863.2 Mhz	568.700 Mhz	575.700 Mhz
<b>3</b>	863.3 Mhz	863.3 Mhz	569.050 Mhz	576.050 Mhz
<b>4</b>	863.4 Mhz	863.4 Mhz	569.400 Mhz	576.400 Mhz
<b>5</b>	863.5 Mhz	863.5 Mhz	569.750 Mhz	576.750 Mhz
<b>6</b>	863.6 Mhz	863.6 Mhz	570.100 Mhz	577.100 Mhz
<b>7</b>	863.7 Mhz	863.7 Mhz	570.450 Mhz	577.450 Mhz
<b>8</b>	863.8 Mhz	863.8 Mhz	570.800 Mhz	577.800 Mhz
<b>9</b>	863.9 Mhz	863.9 Mhz	571.150 Mhz	578.150 Mhz
<b>10</b>	864.0 Mhz	864.0 Mhz	571.500 Mhz	578.500 Mhz
<b>11</b>	864.1 Mhz	864.1 Mhz	571.850 Mhz	578.850 Mhz
<b>12</b>	864.2 Mhz	864.2 Mhz	572.200 Mhz	579.200 Mhz
<b>13</b>	864.3 Mhz	864.3 Mhz	572.550 Mhz	579.550 Mhz
<b>14</b>	864.4 Mhz	864.4 Mhz	572.900 Mhz	579.900 Mhz
<b>15</b>	864.5 Mhz	864.5 Mhz	573.250 Mhz	580.250 Mhz
<b>16</b>	864.6 Mhz	864.6 Mhz	573.600 Mhz	580.600 Mhz
<b>17</b>	864.7 Mhz	864.7 Mhz	573.950 Mhz	580.950 Mhz
<b>18</b>	864.8 Mhz	864.8 Mhz	574.300 Mhz	581.300 Mhz
<b>19</b>	864.9 Mhz	864.9 Mhz	574.650 Mhz	581.650 Mhz

## TECHNICAL SPECIFICATION

	<b>PD632H</b>	<b>PD632C</b>
	179.010	179.012
Operating frequency EU:	863 – 865Mhz Class1	
Operating frequency NZ/AUS:	568 – 582Mhz	
RF output EU:	<10mW	
RF output AUS/NZ:	<100mW	
Frequency response:	60Hz – 18kHz	
Frequency stability:	<15ppm	
THD:	<1%	
Signal to noise ratio:	>97dB	
Power supply:	100-230VAC / 50-60Hz	
Dimensions:	220 x 420 x 44mm	
Weight:	1.46Kg	

	<b>Handheld</b>	<b>Bodypack</b>
Operating frequency EU:	863 – 865Mhz Class1	
Operating frequency NZ/AUS:	568 – 582Mhz	
Battery:	2x AA (handheld)	2x AA (bodypack)
Dimensions:	250 x ø 51mm	75 x 60 x 23mm
Weight:	0,4kg	0,2kg

The specifications are typical. The actual values can slightly change from one unit to the other. Specifications can be changed without prior notice.

The products referred to in this manual is conforming European and UK legislation directives to which they are subject:

### European Union


- Tronios B.V.,
- Bedrijvenpark Twente Noord 18, 7602KR Almelo, The Netherlands

### United Kingdom



- Tronios Ltd.,
- 130 Harley Street,
- London W1G 7JU, United Kingdom



## Documents / Resources

 <p>The image shows the cover of the instruction manual for the Power Dynamics PD632 Series Wireless Microphone. It features the Power Dynamics logo at the top, a photograph of the microphone and its base, and the title 'PD632 Series Wireless Microphone' in English and several other languages. The text 'PD632 Series Wireless Microphone' is also visible at the top of the cover.</p>	<p><a href="#">Power Dynamics PD632 Series Wireless Microphone</a> [pdf] Instruction Manual PD632 Series Wireless Microphone, PD632, Series Wireless Microphone, Wireless Microphone, Microphone</p>
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## References

-  [Stibat](#)
-  [Stibat](#)
-  [Sound & Light distributor - Tronios.com](#)
-  [Inleveren is terugkrijgen - Wecycle](#)
-  [Inleveren is terugkrijgen - Wecycle](#)