



Power Dynamics PD782 Dual Handheld Wireless Mic System Instruction Manual

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Power Dynamics

Power Dynamics PD782 Dual Handheld Wireless Mic System



Thanks for purchasing this product, please read this instruction carefully so that can understand how to operate the product of style you bought correctly. Please store this instruction in a safe place after reading as a reference in the future. This series of professional wireless microphone system used a super steady PLL-synthesized control technique and match with the high efficient, low consumption discharging technique.

Warning

- Always read the manual before using the product.
- Keep the manual so every new user can read it before using the product.
- Always keep the packaging. When a malfunction occurs, please send it in the original packaging.
- Only for indoor use. Do not use in moistures places.
- Don't expose to direct sunlight or heat sources. Don't block ventilation openings.
- Don't let small objects or fluids enter the housing. Don't put candles on it. This may cause malfunction.
- Clean this unit with a dry cloth. Don't use cleaning fluids or solvent.
- Unit contains no serviceable parts. Only the replacement parts named in this manual can be changed by the user or servicing personnel.
- Never open the unit, service may only be done by qualified personnel.
- Never remove or place the mains plug in a socket with wet hands.
- Disconnect the unit from mains power before servicing.
- Condensation water can form while reusing, please let the unit reach the environmental temperature before using it.
- Keep out of children's reach.
- When the unit is damaged in a way that internal parts are visible. NEVER connect the unit to a mains socket and NEVER switch the unit on. In this case, contact your supplier.
- When a lightning storm occurs, always disconnect this unit from the mains socket. Do the same when the unit won't or hasn't be used for a long period of time.
- Using this unit might cause disturbance in insufficiently shielded equipment. This disturbance might cause damage or accidents. Please check if there is any sensitive equipment in close proximity of the unit before installing it.

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.

No license required (excluding geographical restrictions)

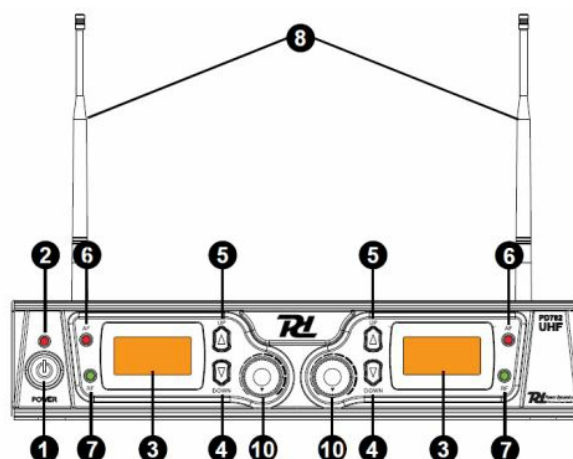
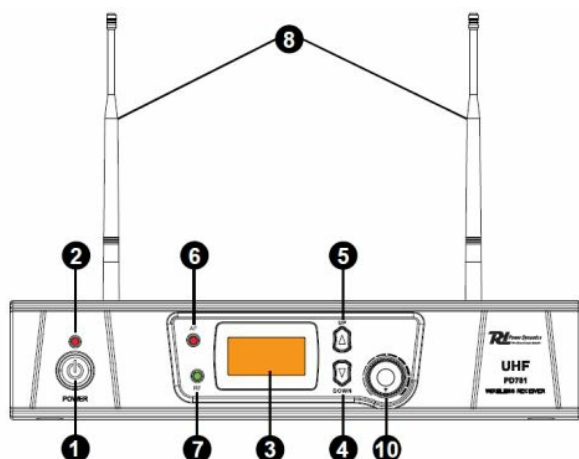
BE	DK	F	FI	DE
HU	IT	NL	NO	PL
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CH	GB			

Belgium (BE), Denmark (DK), France (F), Finland (FI), Germany (DE), Hungary (HU), Italy (IT), Netherlands (NL), Norway (NO), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Spain (ES), Sweden (SE), Switzerland (CH), United Kingdom (GB)

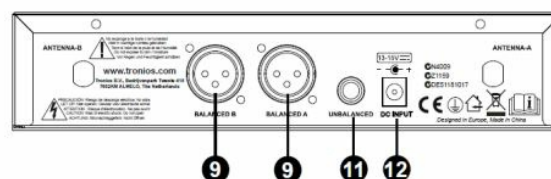
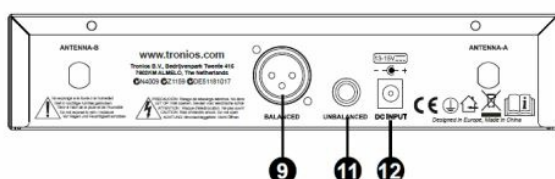
- Please contact your radio licensing authority in your country, who will advise you on the available frequencies and transmitter power requirements.

FRONT- AND BACKSIDE

- 179.193 PD781 Wireless Microphone UHF 1x8Ch 1 Microphone
- 179.196 PD782 Wireless Microphone UHF 2x8Ch 2 Microphone



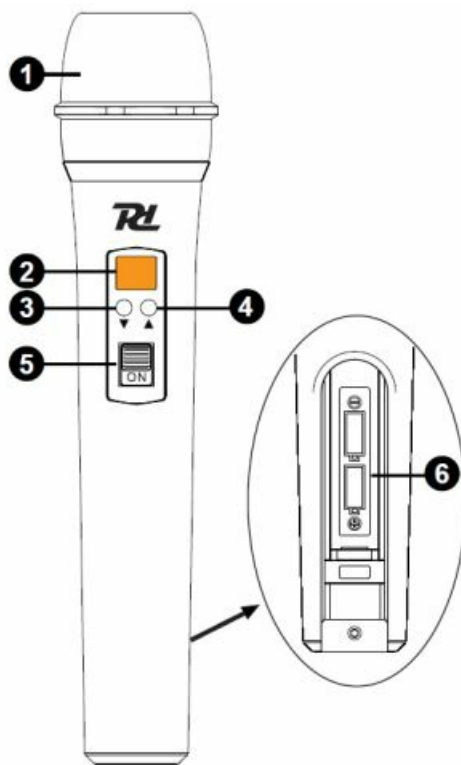
1. Power switch to switch ON/OFF the system
2. Power indicator ON/OFF
3. LCD Information Display: Show the receiver frequency channel ect.
4. Down button: Sets channel data.
5. Up button: Sets channel data.
6. "AF" Audio level indicator: Indicate the wireless system audio signal level.
7. "RF" signal Indicator: Indicate when receive RF signal from transmitter.
8. Antenna.



9. XLR- connector balanced: Connect the audio cable from this jack to the input port of amplifier, mixer.
10. Volume knob

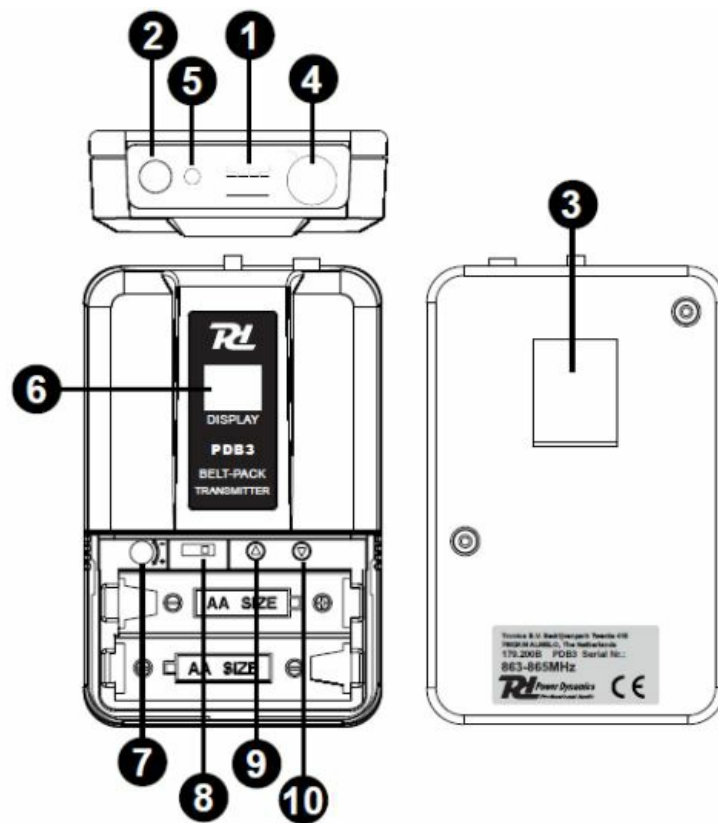
11. 1/4" Jack connector: Connect the audio cable from this jack to the input port of amplifier, mixer.
12. Power inlet, 12-15Vdc

HANDHELD TRANSMITTER

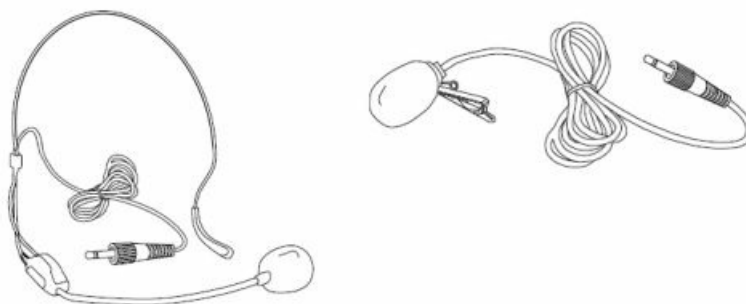


1. Grille: Protects the cartridge and help reducing the breath sounds and wind noise.
2. LCD Information Display: Show the transmitter frequency channel ect.
3. Down button: Sets channel data.
4. Up button: Sets channel data.
5. Power ON/OFF and Audio Mute Switch.
6. Battery Cover: Open it to install the battery. remove batteries in case of long time no use (prevent leakage).

BODYPACK TRANSMITTER (OPTIONAL)

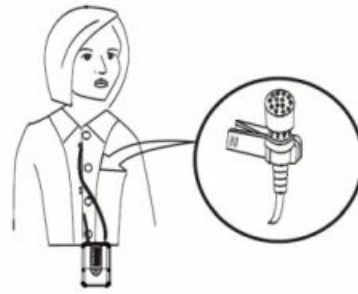


1. Power ON/OFF and Audio mute switch.
2. Antenna: Transmit the RF signal of transmitter.
3. Belt Clip
4. Audio Input Jack: it is suitable for lavalier tie-clip or headset system.
5. Low Battery Indicator: Red light glows when the power is low and change the battery.
6. LCD Information Display: Show the transmitter frequency channel ect.
7. Gain Adjusting Volume: Adjust the transmitter audio input gain.
8. State Setting Switch: Set the using state of lavalier tie-clip or headset system.
9. Up Function Button: Sets channel data.
10. Down Function Button: Sets channel data.



LAVALIER TIE-CLIP MICROPHONE

Connect the connector of supplied lavalier microphone to the connecting jack of transmitter (Shown as below).
Set the transmitter work state in wireless lavalier system (8).



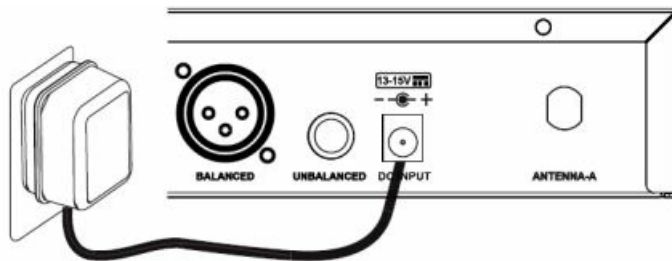
HEADSET MICROPHONE

Connect the connector of supplied headset microphone to the connecting jack of transmitter (Shown as below). Set the transmitter work state in wireless headset system (8).

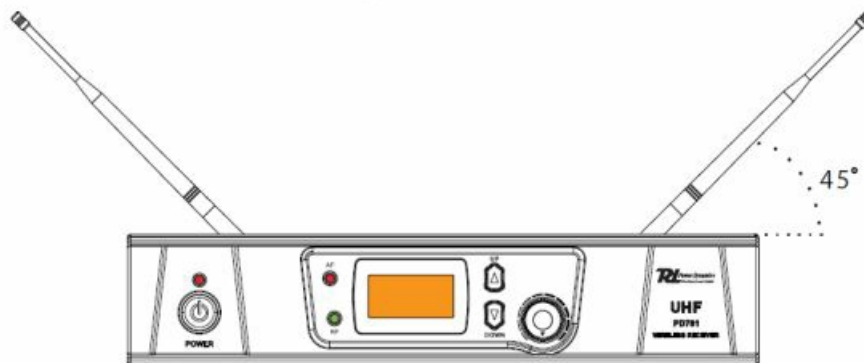


SYSTEM CONNECTIONS

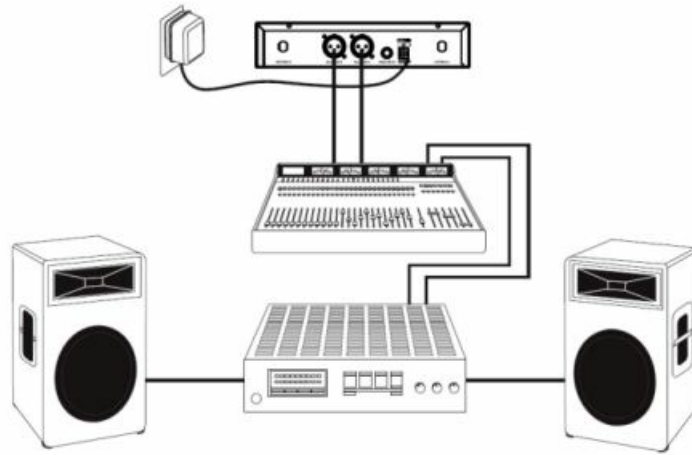
1. Receiver power connection: Connect the AC adapter into the DC power connector on the back of the receiver. Plug the AC adapter into a AC230V 50Hz outlet.



2. Antenna: Keep the position of antenna at a 45° angle from vertical. Shown as below.



3. Audio connection: Connect the audio cable from the audio output on the receiver to the input on your amplifier equipment.



OPERATION

Turn off the system first, turn down the receiver's volume to the minimum and then turn on the receiver, CPU initializes, the LCD screen begins to display and the system reverts to the last shutdown's state! Tune to the desired frequency of the receiver and observe the RF- and AF signal level. If the signal level is displayed it means the receiver has interference from other signals or noise. The system has a mute circuit to avoid interference noise. If interference with each other occurs it is recommended to use other frequencies. If the system is turned on look at the transmitter and receiver's frequency. Then the receiver display shows RF signal level value, the antenna status will display antenna A or B. Adjust the volume to the desired level.

Volume adjustment

Adjust the receiver's volume to the 12 o'clock position, then adjust the volume of the amplifier or mixer to a desired level. If the receiver volume has been adjusted too loud the amplifier will produce a saturated distortion which will blow the amplifier or/and the loudspeaker(s)!

Best acoustics:

1. You should always see the receiver antenna from your transmitter location.
2. The distance between transmitter and receiver should be as short as possible.
3. If the receiver has two antennas, they should be adjusted 45° with a vertical line.
4. Keep the antennas away from metal surfaces and shelter.
5. Let the antennas not contact or cross each other.
6. Before using the system during the presence of public do a test to find out where the "dead spots" are. Avoid these spots when operational.

TROUBLESHOOTING

PROBLEM	INDICATOR	SOLUTION
No sound	Red transmitter indicator is not flash	Slide transmitter POWER ON/OFF switch to ON position. Make sure battery is inserted properly, observing battery (+ / -). If battery is inserted properly, replace with fresh battery.
No sound	Red transmitter indicator is flash.	Slide transmitter MUTE/ON switch to ON position.
No sound	Red receiver indicator POWER light off.	Make sure AC adapter is securely plugged into electrical outlet and into DC input connector. Make sure AC electrical outlet works and supplies proper voltage.
No sound	Receiver signal indicators A/B lights glowing.	Turn up receiver volume control. Confirm that the output connections from the receiver to the external equipment are secure.
No sound	Receiver signal indicators A/B lights off. Transmitter and receiver POWER light glowing.	Confirm transmitters and receivers frequencies match. Move transmitter closer to receiver.
Sound level differs from level of a cabled instrument.	Receiver signal indicators A/B lights glowing.	Adjust transmitter gain level to compensate. Adjust receiver volume as necessary.
Distortion level increases gradually	Receiver signal indicators A/B lights and transmitter LOW BATTERY light glowing	Replace transmitter battery
Bursts of noise or other audible radio signals present.	Signal indicators A/B/ lights on.	Identify potential sources of interferences (other RF-sources) and turn off, remove or use a wireless system operating on a different frequency.
Momentary loss of sound as transmitter is moved around performing area.	Receiver signal indicator A/B lights of when sound is lost	Reposition receiver and perform walk-through test again. If audio dropouts persist, mark "dead" spots and avoid them during performance.

TECHNICAL SPECIFICATION

	PF781	PD782
Ref.nr:	179.193	179.196
Frequency range	863-865Mhz	863-865Mhz
Frequency response	50Hz-18kHz	50Hz-18kHz
Signal/Noise ratio	> 105dB	> 105dB
Rated voltage	AC220~240V 50Hz	AC220~240V 50Hz
Adapter	13-15V DC / 500mA	13-15V DC / 500mA
Dimensions per unit	215 x 170 x 50 mm	215 x 170 x 50 mm


	Handheld PDM3	Bodypack PDB3 (OPTIONAL)
Ref.nr:	179.193H	179.200
Frequency range	863-865Mhz	863-865Mhz
Battery	2x 1.5V AA Battery	2x 1.5V AA Battery
RF output	>10dBm	>10dBm
Dimensions per unit	238 x 50 x 50 mm	100 x 65 x 30 mm

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

- www.tronios.com

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Documents / Resources

 <p>Power Dynamics Professional Audio UHF WIRELESS MICROPHONE SYSTEMS</p> <p>179.193 - PD781 Wireless Mic UHF 1800m 179.196 - PD782 Wireless Mic UHF 1800m Instruction Manual Gebruiksaanwijzing Gebruiksaanwijzing Manual de instrucciones Notice d'utilisation</p>	<p>Power Dynamics PD782 Dual Handheld Wireless Mic System [pdf] Instruction Manual 179.196, 179.193, PD782, PD782 Dual Handheld Wireless Mic System, Dual Handheld Wireless Mic System, Handheld Wireless Mic System, Wireless Mic System, Mic System, System</p>
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References

- [NVMP - Home](#)
- [NVMP - Home](#)
- [Stibat](#)
- [Stibat](#)
- [Sound & Light distributor - Tronios.com](#)

