



## Power Dynamics PDC-40 DAB+ Tuner Instruction Manual

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### Power Dynamics PDC-40 DAB+ Tuner



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 guide lines and follow the instructions.
- Do not repeatedly switch the fixture on and off. This shortens the life time.
- 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.

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. 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!** Immediately upon receiving the product, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damage from shipping or the package itself shows signs of mishandling. Save the package and all packing materials. In the event that the product must be returned to the factory, it is important that the product be returned in the original factory box and packing. 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.

## CONNECTING WITH BT DEVICE



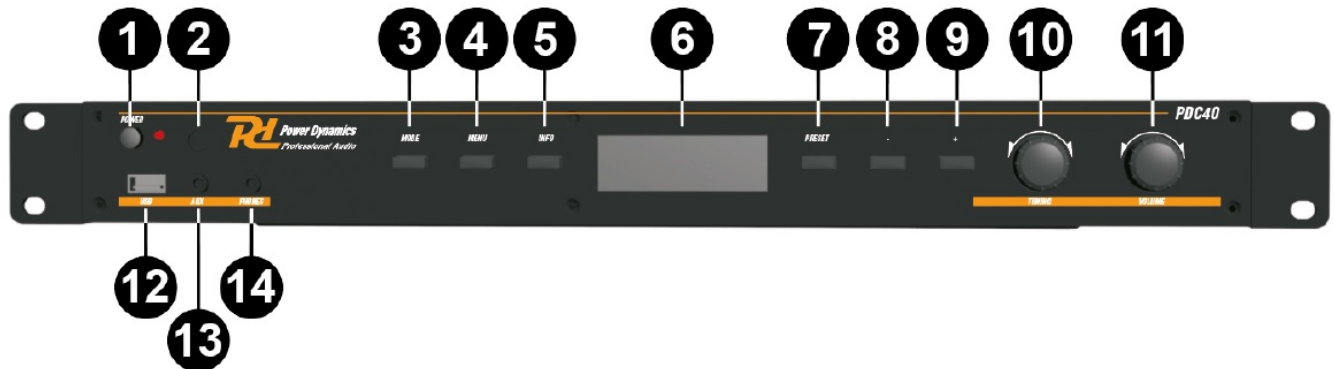
1. Activate the BT-function on your device (Mobile phone, tablet etc.) from which you want to play the music. See the operating instructions for that device.
2. Press the "MODE" button and activate BT-function.

3. Select “PDC40” on your BT-device and make the BT-connection

If password is required, you can enter “0000”.

**Attention:** The BT distance is approx. 10 meter without any barrier.

## CONTROLS AND CONNECTIONS



### Front View:

#### 1. STAND-BY BUTTON

Use this switch to put the unit into or out of standby mode.

#### 2. REMOTE SENSOR

This sensor receives the infrared information from the remote control. Don't place any object or sticker in front of the sensor.

#### 3. MODE BUTTON

Press to change modes between playing USB stick, auxiliary input, BT, DAB+ and FM.

#### 4. MENU BUTTON

Press to enter FM / DAB+ menu mode. If the user does not select any item by pressing ENTER knob, it will return to FM / DAB+ playing after several seconds.

FM menus consist of “Audio setting” and “System”.

“Audio setting”

1. **Forced mono:** As a stereo signal becomes weaker the audio signal will become poorer. It may be preferable to force the radio to play the station in mono in order to reduce the level of audio noise.
2. **Stereo allowed:** “St” indicator on LCD display means that the current station is played as stereo
3. **Time setup:** There are 4 sub-items in time setup menu Set clock: While the digit flashing, use “-,”+” or TUNING knob to set hour and minute. Press ENTER to confirm. Set date: While the digit flashing, use “-,”+” or TUNING knob to set date, day and year. Press ENTER to confirm. Auto update: Press ENTER to update the firmware automatically. Set 12/24 hours: enter to switch between the 12-hour and 24-hour formats.
4. **Factory reset:** If you select “Yes”, a full reset will be performed. The station list and presets will be erased.
5. **SW version:** If you select the item, it shows the software version for several seconds.

#### 5. INFO BUTTON

Switch to show different type of displaying information for the current playing channel.

#### **FM mode**

Radio text: It makes Radio text displayed on the LCD display. Program type: It makes the program type of the current station/channel displayed on the LCD display. Signal strength: It makes the signal strength of the current service displayed on the LCD display. Time and Date: It makes the time and date information displayed on the LCD display.

#### **DAB+ mode**

DLS: It makes DLS text displayed on the LCD display. Program type: It makes the program type of the current station/channel displayed on the LCD display. Ensemble: It makes the current ensemble name displayed on the LCD display. Time and Date: It makes the time and date information displayed on the LCD display. Transfer rate: It makes the bit rate information displayed on the LCD display. Signal strength: It makes the signal strength of the current service displayed on the LCD display.

### **6. LCD DISPLAY**

This displays FM/DAB frequency station, menu, time / date and USB information etc.

### **7. PRESET BUTTON**

During playing DAB or FM, press the PRESET button and navigate the preset number and hold and press ENTER knob until the display shows “stored”. If you want to play a preset station/channel during playing DAB or FM press the PRESET button navigate through the preset numbers and press the ENTER knob to confirm choice. “P#” indicator in display means that the preset number saved.

### **8. – BUTTON**

Press, during playing DAB or FM, to seek for a lower frequency by 50KHZ step or navigate previous item in the sub-menu or move to previous station. During playing from USB stick, press and hold this button for fast backward searching, press once to skip backwards. During playing BT, press to skip backwards.

### **9. + BUTTON**

Press, during playing DAB or FM, to seek for a higher frequency by 50KHZ step or navigate next item in the sub-menu or move to next station. During playing from USB stick, press and hold this button for fast forward searching, press once to skip forwards. During playing BT, press to skip forwards.

### **10. TUNING / ENTER KNOB**

Turn, during playing DAB or FM, to navigate to the previous or next service on the list. Press to select the displayed service on the list. Hold and press to auto scan FM/DAB+ stations. During playing from USB stick, turn to go to the previous or next track. Press to start and pause the playback. During playing BT, short press for pairing with the last paired device, hold and press to disconnect the current device and enter pairing mode.

### **11. VOLUME KNOB**

Use to adjust the sound level. Turn clockwise to raise the sound level, turn counter clockwise to reduce the sound level.

### **12. USB PORT**

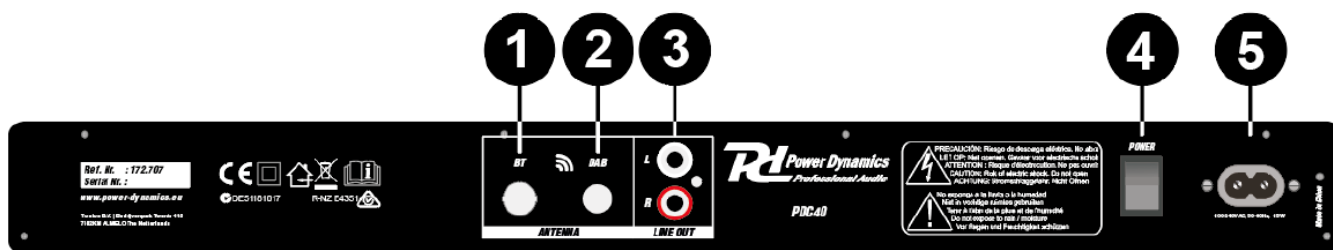
Supports playing USB flash drive up to 32GB, FAT16/32, USB versions: 1.0, 1.1, 2.0.

### **13. AUX PORT**

Connect your music device to this socket by 3.5mm jack cable.

### **14. HEADPHONE JACK**

Socket for connecting headphones.



## Rear View:

### 1. BT ANTENNA

Insert the supplied BT antenna in to this port.

### 2. FM/DAB+ ANTENNA

Insert the supplied radio antenna in to this port.

### 3. LINE OUT

Output terminal.

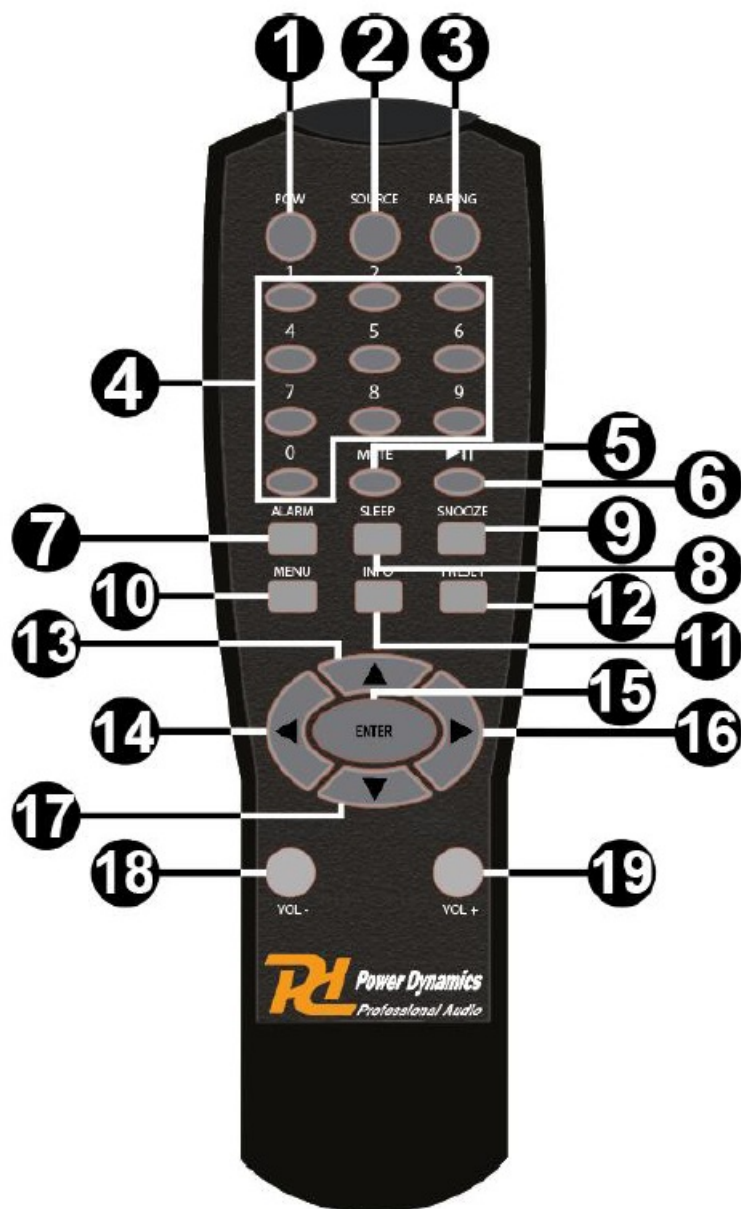
### 4. POWER SWITCH

Use this switch to turn the unit ON/OFF.

### 5. AC IN

Insert power cord to this port

## Remote control



**1. STAND-BY BUTTON**

Use this switch to put the unit into or out of standby mode

**2. SOURCE BUTTON**

Press to switch input channel

**3. PAIRING BUTTON**

Press to make a BT connection with your BT-device possible

**4. NUM PAD**

Numeric keyboard for selecting presets

**5. MUTE BUTTON**

Press to mute the device

**6. PLAY / PAUSE**

Press this button to start or pause play

**7. ALARM BUTTON**

Press this button to set an alarm

**8. SLEEP BUTTON**

Press button to set a sleep timer

**9. SNOOZE BUTTON**

Press this button to set a snooze alarm interval

10. **MENU BUTTON**

Press this button to open the menu

11. **INFO BUTTON**

Button to show different type of displaying information for the current playing activities

12. **PRESET BUTTON**

Press this button to save a channel/station (preset)

13. **UP**

Directional button up

14. **LEFT**

Directional button left

15. **ENTER BUTTON**

Press this button to confirm your inputs

16. **RIGHT**

Directional button right

17. **DOWN**

Directional button down

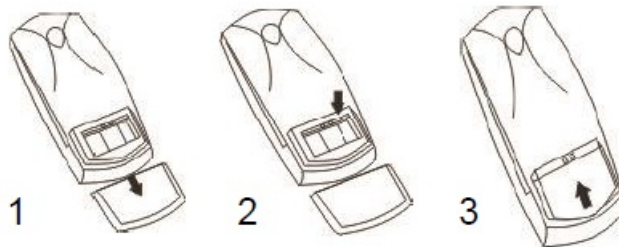
18. **VOL –**

Press to lower the sound level

19. **VOL +**

Press to raise the sound level

**Instructions for remote control**



1. Open the battery compartment.
2. Insert the batteries AAA(UM-4). Make sure to match + and – markings of the batteries to the marks in the battery compartment.
3. Close the battery cover

**NOTE:** Improper use of the batteries may cause battery leakage and corrosion. To operate the remote control correctly, follow the instructions below:

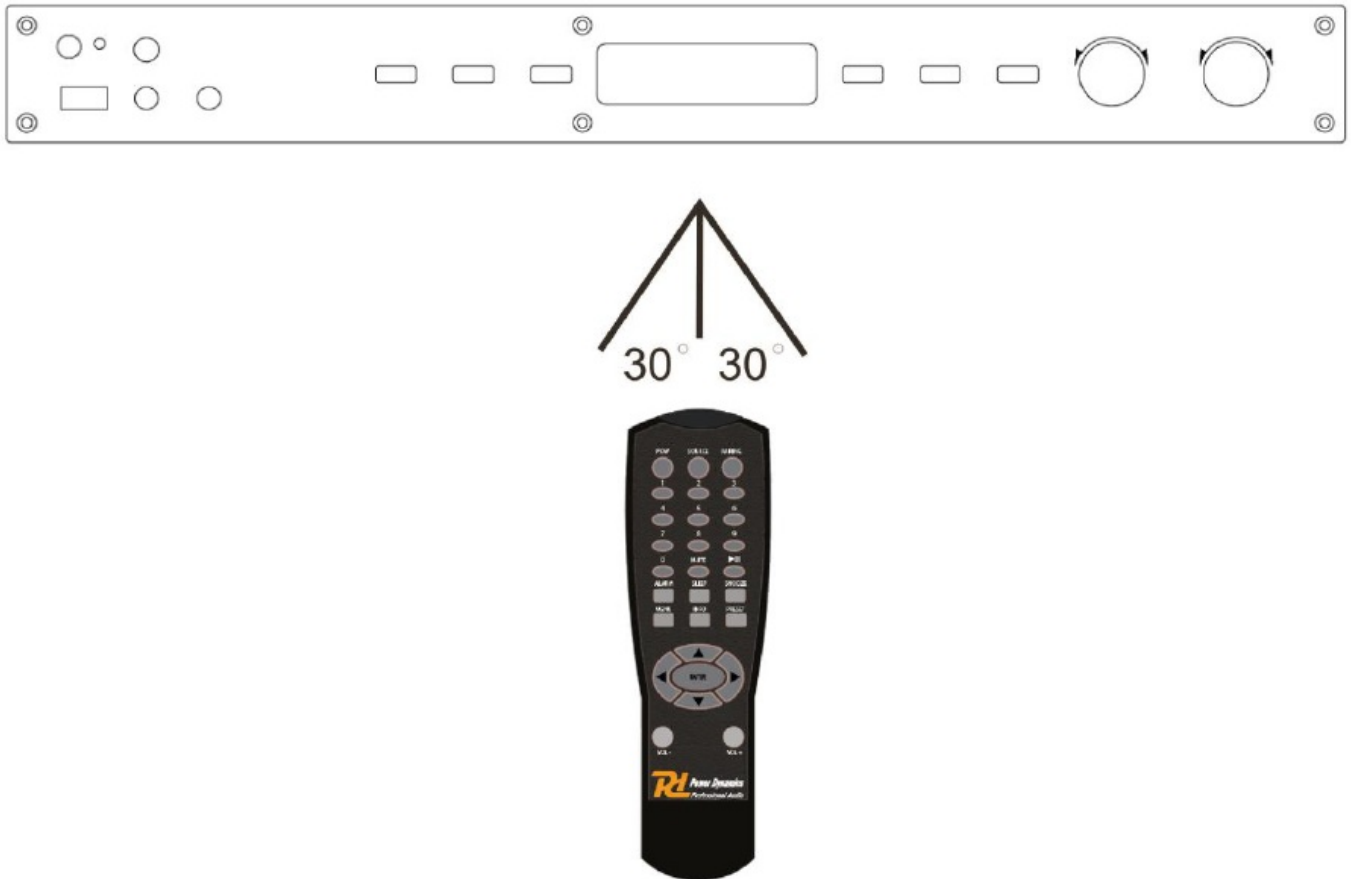
- Do not insert batteries into the remote control in the wrong direction.
- Do not charge, heat, open or short-circuit batteries. Do not throw batteries into a fire.
- Do not leave dead or exhausted batteries in the remote control.
- Do not use different types of batteries together or mix old and new batteries.
- If you do not use the remote control for a long period of time, remove the batteries to avoid possible damage



from battery corrosion.

- If the remote control does not function correctly or the operating range becomes reduced, replace all batteries with new ones.
- If battery leakage occurs, wipe the battery liquid from the battery compartment, then insert new batteries.
- The batteries can be used for one year in normal condition

## OPERATION OF THE REMOTE CONTROL



**Distance:** within 7m from the front of the remote control sensor.

**Angle:** within 300 each direction of the front of the remote sensor

### CAUTION:

- Do not drop or shock the remote control.
- Do not put heavy objects on top of the remote control.
- Do not spill water or other liquids on the remote control.
- Do not open the remote control

## TECHNICAL SPECIFICATION


- **Input:** 3.5 mm jack
- **Power supply:** 220-240VAC 50Hz
- **Dimensions :** 290 x 485 x 45mm
- **Weight:** 2.40kg

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 conform to the European Community Directives to which they are subject: European Union United Kingdom Tronios B.V., Bedrijvenpark Twente Noord 18, 7602KR Almelo, The Netherlands Tronios Ltd., 130 Harley Street, London W1G 7JU, United Kingdom

- 2014/35/EU
- S.I. 2016:1101
- 2014/30/EU
- S.I. 2016:1091
- 2011/65/EC
- S.I. 2012:3032

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## Documents / Resources

 <p>Power Dynamics Professional Audio PDC-40 DAB+ Tuner / USB / BT 172.707</p> <p>INSTRUCTION MANUAL BEDIJVENHANDLEIDING BEDIJVENHANDLEIDING MANUAL DE INSTRUCCIONES MANUAL D'INSTRUCCIONS BEDIJVENHANDLEIDING</p>	<p><a href="#">Power Dynamics PDC-40 DAB+ Tuner</a> [pdf] Instruction Manual PDC-40 DAB Tuner, PDC-40, DAB Tuner, Tuner, 172.707</p>
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## References

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