



PORTABLE OZONE GENERATOR

TKZ-P98

OPERATING MANUAL

What is Ozone?

The ozone is an unstable gas consisting of three oxygen atoms. It is the state of oxygen which is present in diatomic atmosphere (O_2) and reserves very high energy.

The ozone gas comes out in the nature when the ultraviolet rays coming from the sun or lightning break up the oxygen in the atmosphere.

Since the oxygen gas is heavier than air, it goes down the earth surface and cleans the air by natural methods. The smell that we feel specifically in the rainy or stormy days, is the peak form of ozone on the earth surface. Therefore, it is very crucial for protection of all creatures on the earth surface.

The ozone gas oxidation has started to be used widely in the recent years since it is very high and known to be most powerful disinfectant and it does not leave any residue harmful to human body compared to other disinfection methods.

The ozone disinfection is more powerful compared to other disinfection methods. It has a destructive effect for all known types of viruses, bacteria, fungi, yeasts and molds by breaking up the cell walls of ozone organisms.

Common Use Areas of Ozone Gas

- Disinfection of vehicles
- Disinfection of hotel rooms
- Re&De practices
- Disinfection of ambient air
- Deodorization
- Disinfection of water dispensers

Common Use Areas in Industrial Practices

- Disinfection of potable water
- Disinfection of pools
- Water and air disinfection in foodstuff plants
- Water and air disinfection in greenhouses
- Ozone Use in Textile Sector
- Ozone Use in Medical Sector
- Ozone Use in Transportation

**!!! Follow the Rules Given Below in Order
Not to Damage the Device and
Environment**

- Check its conformance to 220 Volt 50 Hz frequency and earthing before wiring up the device to network. Don't operate the device if the connections are not convenient.
- The manufacturer and seller do not assume responsibility for problems which may arise from mains voltage not conforming to electrical safety rules specified.
- Don't unplug the power lead by pulling it from device or cable.
- Don't insert foreign matters into openings and ventilation holes of device.
- Don't contact the control panel and entire device with water in order not to damage the device and since this will threat damage.
- In case of breakdown, inform the closest authorized service.
- Operate this device in conformity with verbal and written operating instructions of authorized service.

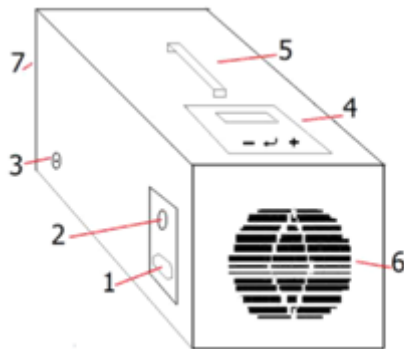
**!!! Follow the Rules Given Below in Order
Not to Damage the Device and
Environment**

- The manufacturer and seller do not assume responsibility for problems which may arise from wrong, out of purpose or unnecessary use outside the operating instruction.
- Use only parts recommended by manufacturer and authorized service as spare parts and accessories.
- Don't open the device. Only the service, which is authorized by manufacturer, can open the device.
- There is no device part that you can intervene.
- Don't smoke and leave direct fire near the device.
- Don't leave it idle except for point of ozone discharge when the device is operating, and otherwise, this may pose hazard to health.
- Don't breathe the ozone gas directly.
- Clean the device in conformity with the operating instructions.
- Keep the device away dust and moisture.
- Contact with closest authorized service at the times of periodical maintenance.

TECHNICAL SPECIFICATION

Brand	Teknozone
Model	TKZ-P98
Ozone Output	4000 mg/hr
Ozone Production Method	Corona Discharge
Operating Voltage	220 Volt/ 50 Hz
Power	95 Watt
Cooling	Air
Control Unit	0-60 minute Digital Programming
Case	Aluminum Stainless Steel
Length	400 mm
Width	200 mm
Height	200 mm

DESCRIPTION OF DEVICE



- 1- 220 V 50 Hz Electric Power Input
- 2- Turn On-Off Button
- 3- Ozone Discharge
- 4- Control Panel
- 5- Carrying Handle
- 6- Ventilation Hole – 1
- 7- Ventilation Hole – 2

CONTROL PANEL



- Decreases the cursor or period selected,
- Sets the time and date,



- Confirms the cursor or menu selected,
- Enter to Settings Menu,



- Increases the cursor or period selected,
- Displays the serial number of device and operating and maintenance periods

OPERATING OPTIONS FOR DEVICE

Flip-Flop Mode

The period required for operating and stopping the device is set and thus, the device will operate and stop automatically within these periods unless the user makes any intervention.

Timing Mode

The operating period of device is set and thus, the device will stop at the end of this period set and the sound alarm will be given to user.


Real Time Mode

Enter the real local time to operate and stop the device. Thus, the device will operate and stop within the periods set. It continues to operate and stop within these periods unless the user makes any intervention.

Full Operating Mode

The device operates continuously when the device is turned on by on-off button.

*** If the operating options of device are not changed, the new device will operate at the timing mode.







*** In order to stop the device, push  button for once when the device is operating in all modes. When

the device is in the stop mode, push  button for once to operate the device.

*** Please, you can wait 15 minutes after the device working in one to other period.


*** You have to wait 15 seconds after giving a stop command to your device. Waste ozone in the device will be evacuated in the meantime.

SETTING THE OPERATING MODE OF DEVICE

- Plug in the power cord of device,
- Push on-off button and  button simultaneously,
- Release  button after the Settings menu has been displayed on the screen and you hear the beep sound.
- Push  or  button to go to the mode that you want to select,
- Push  button to confirm your choice,
- Finally, push  button to record and exit from the menu.

!!! Avoid using your device in humid areas as much as possible, do not operate the device in areas with high humidity.

OPERATING THE DEVICE

- ✓ Install and place the device at the point of application,
- ✓ Plug the power cord in the power socket of device,
- ✓ Plug the power cord in socket,
- ✓ Set the on-off button of device to on (I) position.
- ✓ Press the  key and give a run command. The device will operate after 60 seconds countdown is completed in automatic cycles.








Start-Stop Mode

<div><div><div>↓</div><div>⌚</div><div>↑</div><div>⏮</div><div>⏭</div></div><div><div>- Push button to set the stop time (max. 60 min.),</div><div>- Push button to set the operating time (max. 60 min.),</div><div>- Push button to operate the device.</div></div><div>The device will operate and stop automatically within the periods set.</div><div>** The icon R will flash when the device is operating.</div></div> <div><div><div><div>Screen Shot of Operating Status</div><div>Operating Time Set</div><div>Mode Selected</div><div>Warning of Operating Status</div></div><div><div><div>F C > 005</div><div>R D > 015</div></div><div><div>12:03</div><div>18:11</div></div><div><div>Time</div><div>Date</div></div></div><div><div>Stop Time Set</div></div></div></div>



Timing Mode

<div><div><div>↓</div><div>⌚</div><div>↑</div><div>⏮</div><div>⏭</div></div><div><div>- Push or button to set the operating time (max. 60 min.),</div><div>- Push button to operate the device.</div></div><div>The device will stop at the end of period set and it will warn the user vocally and visually.</div><div>** The icon R will flash when the device is operating.</div></div> <div><div><div><div>Screen Shot of Operating Status</div><div>Operating Time Set</div><div>Mode Selected</div><div>Warning of Operating Status</div></div><div><div><div>T A > 005</div><div>R K > 003</div></div><div><div>12:03</div><div>18:11</div></div><div><div>Time</div><div>Date</div></div></div><div><div>Stop Time Set</div></div></div></div>
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Real Time Mode

	Screen Shot of Operating Status
<ul style="list-style-type: none"> - Push  button to set the real local time for operating, - Push  button to set the real minute for operating, - Push  button - Push  button - Push  to set the real local time for stopping, - Push  button to set real local time for stopping. <p>** The icon R will flash when the device is operating. This</p>	<p>Operating Time</p> <div> <div> Mode Selected </div> <div>  </div> <div> Time Date </div> </div> <p>Stop Time Set</p>



Full Operating Mode

	Screen Shot of Operating Status
<ul style="list-style-type: none"> - Push  button - The device will operate. - The icon R will flash on the screen. - The device will operate as long as it is powered. 	<div> <div> Mode Selected </div> <div>  </div> <div> Time Date </div> </div> <p>Stop Time Set</p>

SETTING THE DATE AND TIME

- Plug in the power cord of device,
- Push on-off button and  button simultaneously and release the button when the time setting is displayed on the screen,
- Push  or  button to set the time and  button to confirm the cursor set and then, set the minute, second and date to complete the procedure.

DISPLAYING THE DEVICE INFORMATION

<ul style="list-style-type: none">- Plug in the power cord of device,- Push on-off button and  button simultaneously and release the button when the time setting is displayed on the screen,- Push  button to return to home screen after the information has been displayed.	<p>Serial Number</p> <div>SN: 100913 - 1755</div> <div>C: 00000B: 0000:03</div> <div>Maintenance Period</div> <div>Operating Period</div>
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MAINTENANCE

1A Maintenance: It is the maintenance procedure performed by the user after 200 hours of use of portable devices. The device gives 1A user maintenance warning. Maintenance is done by the user. When performing this maintenance, follow the steps below;

1. The device is turned off from the power key.
2. The device is disconnected from the power socket.
3. The filter cover on the back of the device is pulled back and the filter is removed.
4. The filter of the device is checked, if there is tearing or wear, it is replaced with a new one. (You can request the new filter from your service.)
5. If there is no tearing or wear on the filter, the filter is cleaned by holding air or washing in warm water.
6. The filter is dried.
7. The dry filter is placed back into the plastic housing and the filter cover is installed.
8. The outer surface of the device is cleaned with a slightly damp cloth that does not leave lint.
9. The electrical connection of the device is made again.
10. The device is turned on by pressing the right button and pressing the power button. A2 service maintenance means A1 user maintenance. The device is turned on by holding down the button with the up arrow, and A1 maintenance is reset by long pressing the middle button.
11. After the reset, the device is turned off and on again using the power key.
12. If any problem is observed, contact the nearest authorized service.

2A Maintenance: It is the maintenance procedure performed by the AUTHORIZED SERVICE after 400 hours of use of portable devices. The device gives a 2A service maintenance warning. Maintenance is done by AUTHORIZED SERVICE.

When the device gives a 2A maintenance warning, please contact the Authorized Service.

TECHNICAL SUPPORT



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