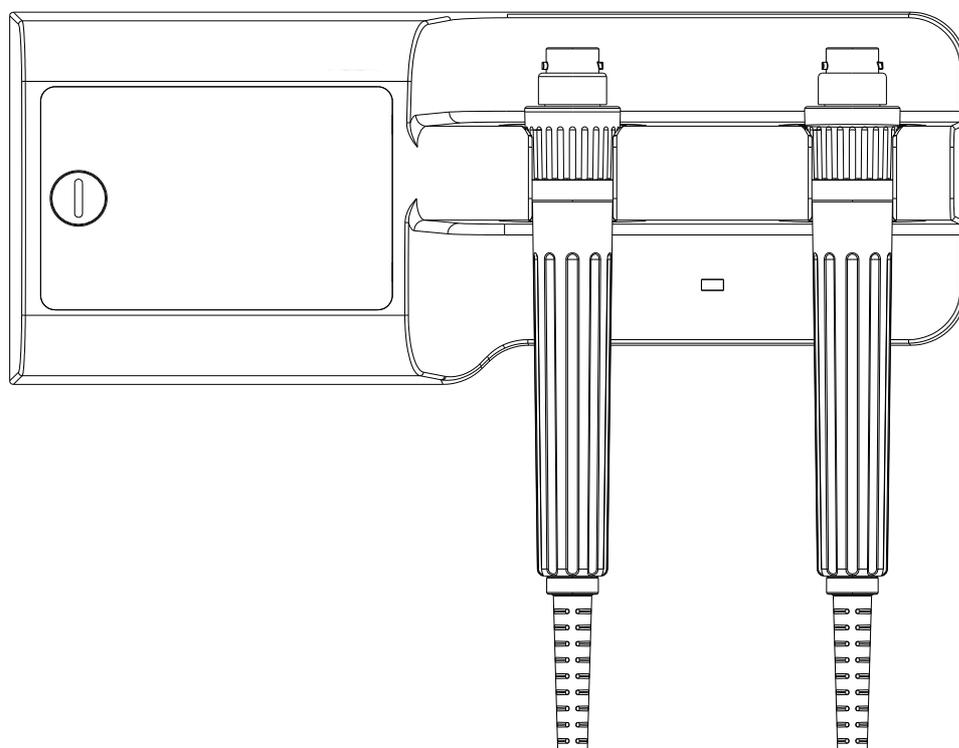


EZ-WTC-5200 DC

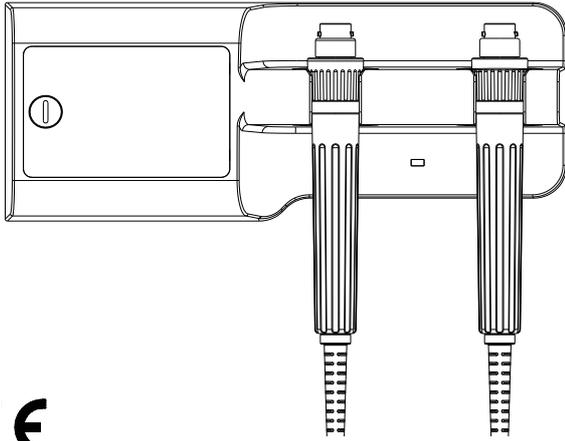
Diagnostic Wall Unit Transformer

# Operation Manual



# EZ- WTC-5200 DC Wall Mount Transformer

## User's Guide



The CE mark on this product indicates it has been tested to and conforms with the provisions noted within the 93/42/EEC Medical Device Directive.

**Eli Ezer**

Thank you for purchasing the EZ-WTC-5200 DC Wall Mount Transformer. To prevent damage to the EZ-WTC-5200 DC Wall Mount Transformer or injury to you or others, read the following safety precaution in their entirety before using this equipment. Keep these safety instructions where all those who use the device will read them.



Consult User's Guide



**Class II**



**Internal electrical power source**



**Cautions**

1. Read User's Guide for Cautions and instructions for use.
2. Do not use this instrument in damp rooms. Do not expose the instrument to water splashes, dripping water or sprayed water.
3. Immediately unplug any equipment that gives off smoke, sparks or strange noises.
4. The device has two handles with output port. Each of them can only attach to the special instrument head made by Ezer. Such as ophthalmoscope, retinoscope and otoscope etc.

**Warning:** To avoid or minimize the potential electromagnetic or other interference the device should away from the disturbance source.



**Warning:** The device should connected to 5V adapter which description in the technical specifications or Three "C"- size LR14 (alkaline) batteries when loss the power source.



**Warning:** To avoid leakage from battery or other unacceptable risk, please remove batteries when not likely to be used for some time.



**Warning:** No modification of this equipment is allowed



## 1. Purpose and Part list of the product

### 1.1 Purpose

EZ-WTC-5200 DC Wall Mount Transformer is designed for providing the voltage for head of ophthalmoscope, retinoscope and otoscope etc.

### 1.2 Part list

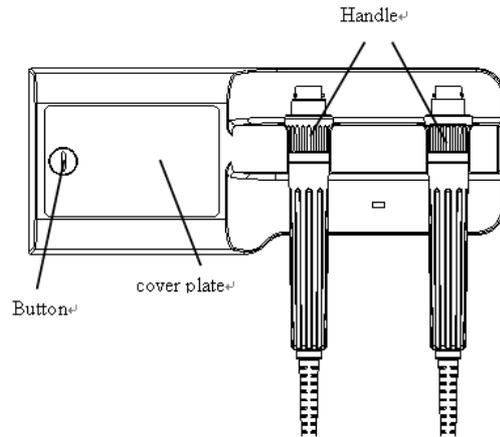


Fig.1

## 2 Mounting and Operating Instructions

### 2.1 Mounting Instructions

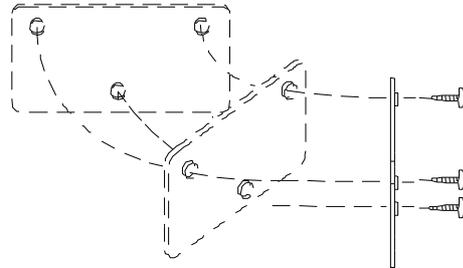


Fig.2

- 2.1.1 Hold the mounting plate horizontally in place where the unit should be mounted and mark the holes to be drilled in the wall.
- 2.1.2 Drill a hole with a 6 mm drill at least 35 mm deep and insert the fixing plugs.
- 2.1.3 Fasten mounting plate to the wall with enclosed screws, making sure that the screw hole flanges face away from the wall and the smooth surface of the mounting plate is flush with the wall. Show as Fig.2.

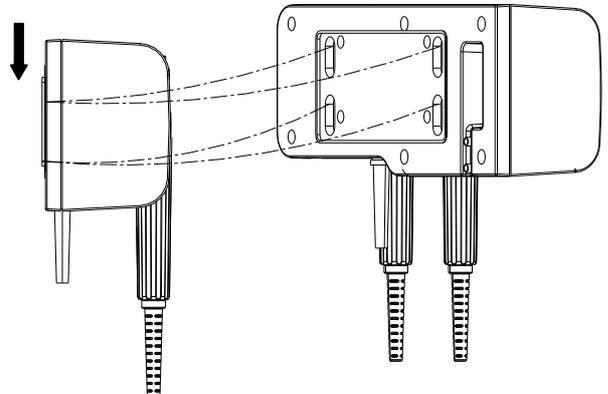


Fig.3

- 2.1.4 Mount the unit by fitting the round holes in the backplate over screw heads on the wall mounting plate, then push downward on the unit to secure it to the wall. See from Fig 3.

### 2.2 Operating Instructions

- 2.2.1 Connect instrument head to the handle.
- 2.2.2 The instruments can supply by adapter or Three C type batteries. If both adapter and C batteries built in the instrument then supply by adapter. If only C type batteries built in instrument then supply by batteries.
- 2.2.3 The instruments will automatically light when handles are lifted from the handle cradle and automatically turning it off when the handle is placed back in the cradle.
- 2.2.4 Rotate rheostat CW to increase intensive while CCW is decrease shown as bar's way refer to Fig.4.

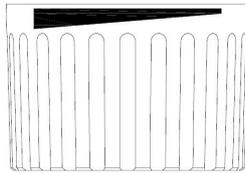


Fig.4

### 3 Maintenance



**Caution:** Qualified trained professional persons are needed to maintain the product. Please contact with authorized dealer or manufacture.

#### 3.2 Replace battery

Rotate the button of the transformer house on anti-clockwise by a coin, take the cover plate away and remove the battery.

Insert the new battery, mount the cover plate and rotate the button on clockwise.

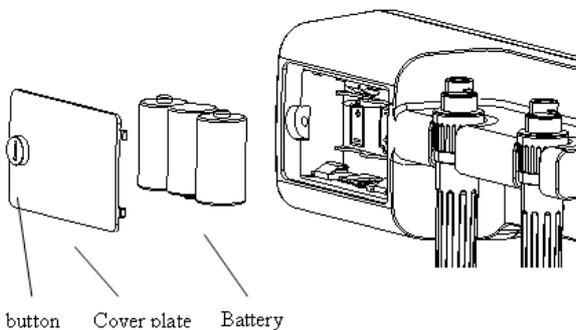


Fig 5



**Caution:** Dispose of old batteries safely. Please contact the local environmental protection department to disposal of batteries.

### 3.3 Cleaning

The cleaning of EZ-WTC-5200 DC Wall Mount Transformer is easily accomplished by wiping the external surface with a cloth dampened with a mild detergent and water solution, or a 70% isopropyl alcohol, or a 10% bleach solution (by volume).



**Caution:** Be careful to prevent the solvent into the instrument.

## 4 Technical specifications

Electrical specifications		
Rated input voltage	5VDC For adapter 4.5VDC For Three "C"- size LR14 (alkaline) batteries	
Input power	≤ 5 VA	
Output	2×3.5 V / 200 mA	
Operation mode	Intermittent: on-time should not exceed 5 min with off-time not less than 2 min	
Electrical safety	Complying with EN60601-1, EN60601-1-2, Protection: Internal electrical power Class II IPX0	
Adapter		
Input voltage	100 VAC – 240 VAC 50 Hz / 60 Hz	
Input power	≤ 15 VA	
Output	5 VDC / 2 A	
Electrical Safety	Complying with EN60601-1 EN60601-1-2 Protection: Class II IP20	
Environment requirements		
Operation	Temperature	+10 °C – +35 °C
	Rel. humidity	30% – 75%
	Air pressure	700 hPa – 1060 hPa
Shipping	Common Conveyance	
Storage	Temperature	-40 °C – +55 °C
	Rel. humidity	10% – 90%
	Air pressure	500 hPa – 1060 hPa



**Eli Ezer**

9990 NW 14 ST SUITE 105 Doral, FL 33172

Phone: +786-621-0521

Fax: +786-621-1842

<http://www.usophthalmic.com>



Wellkang Ltd.  
Suite B, 29 Harley Street, LONDON W1G 9QR, UK

EZ-WTC-5200 DC

Diagnostic Wall Unit Transformer

