



# Indoor Mechanical Timer

- Set of two -

## USER GUIDE & WARRANTY



### After Sales Support

Now you have purchased a Delta product you can rest assured in the knowledge that as well as your 3 year parts and labour warranty you have the added peace of mind of dedicated helplines and web support.

### AFTER SALES SUPPORT

UK / N.IRELAND HELPLINE NO 0800 328 6020  
REP. IRELAND HELPLINE N O 00800 4467 5888  
WEB SUPPORT info@dariolondon.com

MODEL NO.: GT-ZSm-01

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## INTRODUCTION

### Congratulations on choosing a DELTA product

By doing so you now have the assurance and peace of mind that comes with purchasing a product made by one of Europe's leading manufacturers.

All products brought to you by DELTA are manufactured to the highest standards of performance and safety, and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 3 Year Warranty.

We hope you will enjoy using your purchase for many years to come.

## GENERAL SAFETY INSTRUCTIONS



Carefully study the information below and keep these operating instructions at hand in case you should want to check something later.

Should you give this appliance away to someone else be sure to also pass on the operating instructions - the manual is part of the product.

### Proper use

The timer switch serves to automatically switch on and off electrical devices and is suited for indoor use only. The timer switch is designed for domestic use.

**Devices that may bear risks when being used without operator attention (e.g. terrace heater, smoothing iron, fan heater, etc.) must not be connected to the switch.**

### Danger to children

- Keep children away from packaging material. Danger of choking if swallowed.

### Danger caused by electricity

- Connect the device to a properly installed mains outlet with earthing conductors whose voltage corresponds to the "Technical data".
- Ensure your hands are dry when operating the timer switch.
- Maintain free access to the wall outlet - case of need or you want to unplug the timer switch quickly. Only when unplugged, the device and its connected consumers are voltage-free!
- Do not use the timer switch if it is obviously damaged or does no longer function correctly.
- Unplug the timer switch from the mains before cleaning the switch or its connected device.
- Do not modify the timer switch. Have a home appliances' or electrician's shop make any repairs if necessary. Take heed of the terms of warranty as well.

- Do not use an extension cord to connect the timer switch. Always mind to connect the timer switch directly into a mains outlet with earthing conductors.

### **Caution - risk of material damage**

- Devices with a power consumption of more than 13 amp (= 3,120 watt ohmic load) or 2 amp (= 460 watt inductive, e.g. motor-driven devices, transformers) must not be connected.
- Protect the timer switch against humidity, direct sunlight and extreme heat. Do not plug the timer switch in power outlets which are situated near sources of damp.
- Do not connect the timer switch in series with other timer switches or similar appliances.
- Do not connect heavy pluggable power supply units to the timer switch. Otherwise, the wall plugs of the wall outlet may be mechanically overloaded.
- You must not use hard, scratching or abrasive cleaning agents or similar to clean the switch, as the surface may become scratched.

### **CONTENTS OF PACKAGE**

- Mechanical indoor timer
- User guide & Warranty

## PARTS



## OPERATION

### General informations

As soon as you plug the timer switch into a mains outlet, the dial begins to turn round. The dial is driven by a small synchronous motor which is powered by the mains voltage.

The dial resembles the clock which completes one round in 24 hours. The respective hours are printed on the dial.

Every hour on the dial is divided into quarters, that is four equal parts with 15 minutes each. Every quarter is equipped with a small pusher with its own on and off switch.

### Setting the time and switching times



#### Note

- Only turn the dial as indicated by the arrow.
- A nail file or flat-tip screw driver are best suited to adjust the pushers.



1. Set the pushers to the desired switching times:
  - Press down the pusher: current starts to flow and the connected device is activated. In addition, a red control lamp lights up.
  - Push up the pusher again: current is stopped again, the connected device is deactivated or switched off.
2. Finally turn the dial so that its timing arrow shows the current time of the day.  
Beside sample illustration shows the time "12:00".

### Example 1

A radio is to switch on at 06:00 and again switch off at 06:15.

- ▶ Press down the first pusher at number **6**.

### Example 2

Switching-on time 1: A lamp is to switch on at 19:00 and again switch off at 22:30.

Switching-on time 2: At 03:15 the lamp is to light up once more for a quarter of an hour.

- ▶ Switching-on time 1:  
Start with number **19** and press down a total of 14 pushers.
- ▶ Switching-on time 2:  
Press down the second pusher after number **3**.

## Connecting a device



### ATTENTION

- Devices that may bear risks when being used without operator attention (e.g. terrace heater, smoothing iron, fan heater, etc.) must not be connected to the switch.
- Devices with a power consumption of more than 13 amp (= 3,120 watt ohmic load) or 2 amp (= 460 watt inductive, e.g. motor-driven devices, transformers) must not be connected.

1. Connect the timer switch to a mains outlet with earthing conductors whose voltage corresponds to the "Technical data".
2. Insert the plug of the other device (aquarium pump, lamp, radio, etc.) into the outlet of the timer switch.
3. Turn the connected device on.
4. Push the lateral switch of the timer switch until you can see the clock symbol ☹.

The device connected to the timer switch now automatically switches on and off according to the specified times.

**Note**

- If you want the connected device to remain switched on, push the lateral switch until you can see the on symbol **I**.
- Push back the switch to the former position (the clock symbol  $\odot$  becoming visible) for again initiating switching operation with regard to time.

**Usage notes**

- As soon as the timer switch is disconnected from the mains outlet or in case of power outage the dial ("the clock") is deactivated.
- With the current again flowing, e.g. following a power outage, the dial again starts to turn round. The time is not automatically adjusted in this case, though.
- Thus, check in case of longer use whether the set time corresponds to the actual time.
- The time scale given for this mechanical timer switch is the quarter of an hour. It is not possible to set the time as per minute. If you need to have a device switched on or off at exactly 10:08, for example, this timer switch will not be suited to your needs. Use a digital timer switch instead.

**CLEANING****ATTENTION**

Unplug the timer switch from the mains before cleaning the switch or its connected device.

- ▶ When required, wipe the timer switch clean with a soft, dry cloth.

**TECHNICAL DATA**

Name:	Mechanical timer
Power supply:	220 - 240 V ~ 50 Hz
Protection class:	1
Switching load:	13 A (ohmic load) / 2 A (inductive load)
Ambient temperature:	0 °C to +40 °C
Circuit breaker:	Micro interrupt
Ohmic load:	max. 3,120 W

## TROUBLESHOOTING GUIDE

Fault	Possible causes and solution
The connected device remains deactivated.	<ul style="list-style-type: none"> <li>• Are both timer switch and device plug completely plugged in?</li> <li>• Check whether the correct pushers were completely pressed down.</li> </ul>
The connected device is switched on at the wrong time.	<ul style="list-style-type: none"> <li>• Is the time specified by the dial correct?</li> <li>• Was there a power outage or was the time changed from summer to winter time or vice versa?</li> </ul>
The connected device remains switched on.	<ul style="list-style-type: none"> <li>• Is the switch set as to see the On symbol <b>I</b>? The connected device is continuously supplied with power in this position.</li> <li>• Check the pusher positions.</li> </ul>

## CONFORMITY DECLARATION

The conformity of the product with the legally prescribed standards is guaranteed. You can find the full conformity declaration on the Internet at [www.gt-support.de](http://www.gt-support.de).

## CORRECT DISPOSAL OF MECHANICAL TIMER



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. At the end of its life do not dispose of the mechanical timers with the household rubbish. Contact your local authority waste department for details of your local recycling schemes.



## WARRANTY

# WARRANTY CERTIFICATE

11/10 Model: Mechanical indoor timer GT-ZSm-01

The appliance has been manufactured with the greatest care.

**WARRANTY**  
**36**  
**MONTHS**

The warranty period is three years from the date of purchase. Please retain the sales receipt as proof of purchase as without it the warranty claim cannot be processed.

During the warranty period, the sales receipt and the completed warranty card with a description of the fault must be returned once you have contacted the service centre by phone. A new appliance will be returned.

This warranty is in addition to your statutory rights. Your statutory rights are not affected.

This warranty does not apply in cases of damage caused by accident, improper use, abuse and force majeure.

This warranty will be invalidated if the appliance is tampered with in any way whatsoever.

For warranty claims, please first contact us by telephoning the service centre free phone number or email:

Dario London Service Centre  
PO Box 70  
Chislehurst  
BR7 5YH  
UK  
UK: 0800 328 6020  
Ireland: 00800 4467 5888  
info@dariolondon.com

If the appliance has to be returned to us, it must be packed correctly as we cannot accept any responsibility for damage caused in transit.



## MECHANICAL INDOOR TIMER

# 3 YEAR WARRANTY CARD

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Email \_\_\_\_\_ Tel No \_\_\_\_\_

Model No. \_\_\_\_\_

Location of purchase \_\_\_\_\_

Please send your completed Warranty Card to:

**UK**

**Dario London Service Center**

**PO Box 70**

**Chislehurst**

**BR7 5YH**

**E43247**

**11/10**