

## Ballasts Controller and UV Intensity Detector

### Specifications



Part Number	BAP2011	BAP2022	BAP4011	BAP4022	GDCT-365
Electrical	110V/50-60Hz.	220V/50-60Hz.	110V/50-60Hz.	220V/50-60Hz.	2pcs "AA" battery
Operation	Operate one lamp 10 - 20 watts, 425mA	Operate one lamp 10 - 20 watts, 425mA	Operate one lamp 10 - 40 watts, 425mA	Operate one lamp 10 - 40 watts, 425mA	Optional timer for BAP4011 and BAP4022
Features	• Lamp operating indicator • Audible lamp failure	• Lamp operating indicator • Audible lamp failure	• Lamp operating indicator • Audible lamp failure	• Lamp operating indicator • Audible lamp failure	• Lamp life 365 days countdown timer • Automatic or connect BAP4011 or BAP4022
Certificates					



Part Number	BAP40365	BAP100365	BAP40365MS	BAP100365MS	GDS254NM15-V
Electrical	Universal voltages 100-250V / 50-60Hz.	Universal voltages 100-250V / 50-60Hz.	Universal voltages 100-250V / 50-60Hz.	Universal voltages 100-250V / 50-60Hz.	RJ45 connection
Operation	Operate one lamp 10 - 40 watts, 425mA	Operate one lamp 30 - 100 watts, 425mA	Operate one lamp 10 - 40 watts, 425mA	Operate one lamp 30 - 100 watts, 425mA	Ultraviolet 254nm wavelength probe
Features	• Lamp operating indicator • Audible lamp failure • Lamp life 365 days countdown • Total running days • Dry contact	• Lamp operating indicator • Audible lamp failure • Lamp life 365 days countdown • Total running days • Dry contact	• Lamp operating indicator • Audible lamp failure • Ultraviolet intensity alarm monitoring • Lamp life 365 days countdown • Total running days • Dry contact	• Lamp operating indicator • Audible lamp failure • Ultraviolet intensity alarm monitoring • Lamp life 365 days countdown • Total running days • Dry contact	• Voltage signal interfaces • Stainless steel 316L • 1/2" port
Certificates					

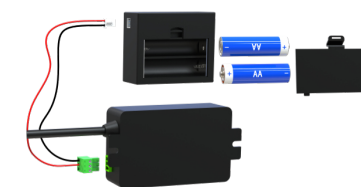


Part Number	GDB42540L2	GDB80095L2	GDB800155L2	GDT-9000	GDS254NM20-V
Electrical	Universal voltages 110-240V / 50-60Hz.	Universal voltages 110-240V / 50-60Hz.	Universal voltages 110-240V / 50-60Hz.	AC 85~265V.	Connect to GDT-900
Operation	Operate one lamp 10 - 40 watts, 425mA	Operate one lamp 35 - 95 watts, 800mA	Operate one lamp 90 - 155 watts, 800mA	Monitor for multi-lamps systems	Ultraviolet 254nm wavelength probe
Features	• Lamp operating indicator • Audible lamp failure • Dry contact	• Lamp operating indicator • Audible lamp failure • Dry contact	• Lamp operating indicator • Audible lamp failure • Dry contact	• Lamp operating indicator • Audible lamp failure • Ultraviolet intensity alarm monitoring • Lamp life 9000 hours alarm • Total running days • Dry contact	• Voltage signal interfaces • Stainless steel 316L • 3/4" port
Certificates					

## Lamp Life Countdown Timer GDCT-365

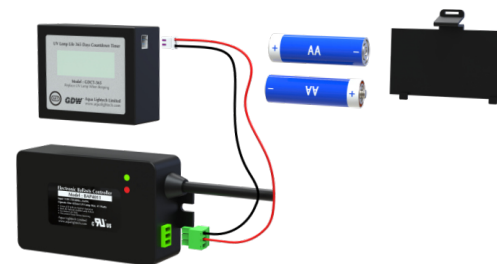
### Specifications

- Input Power : 2pcs AA battery, Dimensions : 66x56x26mm
- Operation : Signal cable connected controller (suit BAP4011 and BAP4022 only), countdown with controller's operation. Otherwise, timer countdown itself.
- 365 Days Count Down : Simple and effective way for the home-owner to be notified when their UV lamp needs to be replaced. Provides 365 days countdown to meet the standard replacement time for your UV lamp with basic controller.
- Audible Alarm : After countdown completion, it sounds an audible alarm to alert the need to replace new UV lamp.
- Blinking Display : After countdown completion, the display notifies that 365 days have expired.
- Count Up Expired Days : Once countdown is expired, the timer counts up to indicate how many days have passed after the 365 days have expired.



### Installation

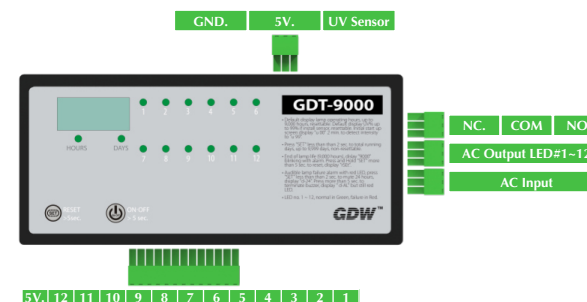
1. Power on the controller (BAP4011 and BAP 4022) of UV system
2. Signal cable (red/black) connect timer with controller (suit BAP4011 and BAP 4022 only), then install battery into timer
3. The timer will detect the signal from controller for counting (if none cable connection, timer countdown itself)
4. Strongly recommend to change new battery when replace new lamp
5. Mute Alarm : press button less than 2 seconds
6. Reset to 365 Display : press button 5 seconds to reset 365 days when replace new lamp or re-install battery



### Specifications

- Input power AC 85~260V, Panel power ON-OFF button
- Basic system default screen display lamp operating hours
- Monitored system default screen display UV intensity in %
- Multi lamps operating indicators, normal in green LED
- Audible lamp failure in red LED
- Lamp operating hours, resettable
- Total running days, non-resettable
- Lamp life 9000 hours alarm
- Ultraviolet intensity in %, low UV alarm
- Dry contact (N.O. - COM - N.C.)

## Multi Lamps Monitor GDT-9000



1. Basic system default screen display lamp operating hours (hours LED on and days LED off), press "SET" button less than 2 seconds to display total running days (hours LED off and days LED on) up to 9999 days (non-resettable). Press "SET" button again or more than 5 seconds will return default screen display
2. Monitored system default screen display UV intensity in % (hours LED off and days LED off), press "SET" button to display lamp operating hours, press "SET" button again to display total running days. Press "SET" button again or more than 5 seconds will return default screen display
3. Audible lamp failure in red LED, press "SET" button less than 2 seconds to mute 24 hours, press "SET" button more than 5 seconds to mute buzzer
4. End of lamp life (default 9000 hours), screen display "9000" blinking, alarm and relay is activated. Press "SET" button 2 seconds to mute. Change new lamp then press and hold "SET" more than 5 seconds to reset
5. Intensity below 50%, alarm will be activated and screen display blinking.