

Tinytag Alarm Box



The Tinytag Alarm Box is designed for use with Tinytag Plus 2 and View 2 data loggers to provide an audible warning when an alarm condition has been met.

The unit can be programmed to sound after a pre-set delay, enable work to be carried out in monitored areas without the alarm sounding.

A pair of volt free contacts within the unit allow an external device, such as SMS dialler, to be triggered by the unit.

Features

- Audible sounder
- Works with Tinytag Plus 2 and Tinytag View 2 data loggers
- Programmable delay
- Two sets of volt free relay contacts for switching external devices
- Test button
- Low battery warning

Popular Applications

Commonly used in the following applications:

- Pharmaceutical storage
- Laboratories
- Food storage
- Cryogenics
- Art galleries and museums

For pricing or any further information, please contact Omni Instruments Ltd.



Measurement and data acquisition solutions

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Tinytag Alarm Box

Features

Alarm	Single chirp every 2 seconds when the logger the alarm box is connected to is in an alarm state
Low Battery Warning	Three rapid chirps, once every minute
Programmable Delay	1 second to 11 days (<i>see notes</i>)
Relay Contacts	Two

Physical Specification

Operational Range

For indoor use only.

Temperature	0°C to +50°C (-32°F to +122°F)
Relative Humidity	0 to 90% (non-condensing)

Case Dimensions	
Length	122mm / 4.80"
Height	79mm / 3.11"
Depth	32mm / 1.26"

Weight (including battery)	165g / 5.82oz
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Interface Cable Length	3m
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Switched Output Specification

Maximum Voltage	42V peak / 60V DC
Maximum Current	1A (AC or DC)

This equipment should only be interfaced to equipment which is powered by a Safety Extra Low Voltage Supply. The maximum voltage levels are to be 30V rms, 42V peak or 60V DC, and separated from hazardous voltages by double or reinforced insulation. For the United States consider a Safety Extra Low Voltage Supply to be a Class 2 source as defined in the National Electrical Code.

Mounting Bracket

The alarm box is supplied with a bracket for easy wall mounting.

This comes in two parts; a bracket that screws onto the wall and a clip that screws into the back of the alarm box.

When fitted, the clip slots into the bracket.

The two mounting holes on the bracket are 3mm in diameter and 32mm apart.



Notes

Battery Type	9V Alkaline PP3 (Duracell ID1604 recommended)
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Battery Life	Up to 2 years standby use, 5 days of continuous alarms.
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Using the Tinytag Explorer software, users can programme a delay into the sounding of the alarm box.

The Reset (Clear Alarms) button will clear any active latched alarms set in the logger used with the alarm box.

The Test button will cause the alarm unit to chirp.

Warranty

This product carries a manufacturing defects warranty of 12 months from the date of purchase. Units returned under warranty will be repaired or replaced at the manufacturer's discretion. This warranty does not cover mishandling, modification or battery replacement and is subject to our standard Terms and Conditions of Sale, a copy of which can be found at www.tinytag.info.

Approvals

Gemini Data Loggers (UK) Ltd. operates a Business Management System which conforms to ISO 9001 and ISO 14001.



Supported Units

The alarm box is suitable for use with the following data loggers:

Tinytag Plus 2:

TGP-4017	TGP-4020	TGP-4104	TGP-4204
TGP-4500	TGP-4505	TGP-4510	TGP-4520
TGP-4810			

Tinytag View 2:

TV-4020	TV-4050	TV-4076	TV-4104
TV-4204	TV-4500	TV-4501	TV-4505
TV-4506	TV-4510	TV-4704	TV-4804
TV-4810	CR-0100		

Required Products

If you wish to set a delay on the sounder, you will also require the following cable:

CAB-0007-USB Tinytag Ultra/Plus/View USB Download Cable

And the following software:

SWCD-0040 Tinytag Explorer software

These can be ordered together in a pack, part number SWPK-7-USB

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