



# AdapTEC User Manual

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## ADAPTEC



AdapTec is a combination of a power supply and a door controller packaged in a compact box to ease on installation, to provide power supply and to enhance access control functionalities.

### The Specifications

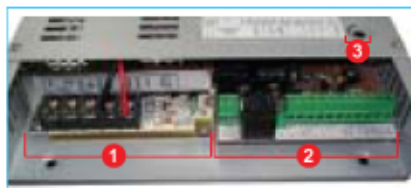
Dimension (mm)	198 (L) x 131 (W) x 43 (H)
Weight	920g
Input Voltage	AC 110 / 240 V (universal input)
Output Voltage	DC 12V 3A
EM Output	DC 12V 3A
Siren Output	Max 0.5A, NC type

### The Functions

1	To power on the time attendance system of FingerTec® readers.
2	To link door accessories including EM Lock and Drop Bolt with the FingerTec® reader.
3	To control In-Out reader system; a system where two readers control one entrance.
4	To support rechargeable backup battery (compatible with any 12V rechargeable backup battery) and to act as a backup power supply in the event of power failure.
5	To integrate with siren feature of the reader to alert user when reader is illegally dismantled.

**Note:** AdapTec is compatible with NC type of siren with maximum 0.5A load.

## The Design



AdapTec consists of 2 main modules and a timer:

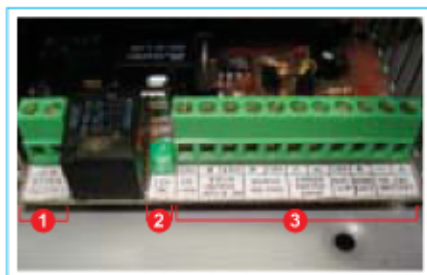
1. Power supply/power input module
2. Access control/power output module
3. Door lock timer

### Power Supply/Power Input Module



1. This portion is to be connected to power source with AC 110/240V. AC current will be supplied into this side and a DC 12V 2A current will be generated as output.
2. These two cables, -V and +V are default and connected to the inner part of AdapTec. Please do not remove or change these cables.

## Access Control/Power Output Module



1. This is connected to push button if siren is installed during installation. A press on the push button will turn off siren when the siren is triggered.
2. The LED is an indicator to show that the output is available. Please return the unit if the LED does not light up after the reader is switched on.
3. These are the power outputs from AdapTec. FingerTec® readers and door accessories will need these outputs. Refer to the wiring diagram for more details.

## Door Lock Timer

This is AdapTec's door lock timer. User can adjust the timing for the EM Lock or Drop Bolt to close after opening. User can turn the timer by using a screwdriver. The time will be lengthened when it is turned clockwise. The time will be shortened when it is turned anti-clockwise.



This is a door lock timer of AdapTec. User could adjust the timing for the EM Lock or Drop Bolt to close after opening.



Lengthen timing



Shorten timing

**Note:** AdapTec can be connected to other devices, which are having the same power consumption. Please seek FingerTec®'s advice through [info@fingertec.com](mailto:info@fingertec.com) before using AdapTec with other FingerTec® models.

## Instructions on how to mount an AdapTec onto a wall

STEP 1

Remove the L-shape piece from the AdapTec



Find an L-shape piece at the top right of an AdapTec. This piece is attached to the AdapTec by 2 screws.



After removing the piece, you will have one L-shape piece and 2 screws.

STEP 2

Install the piece to the AdapTec



Attach the L-shape to the AdapTec as shown and tighten the screws.

STEP 3

The other 2 holes at the bottom



Open the cap, look for the part shown in the diagram and you will see 2 holes.

STEP 4

Mount the AdapTec on a wall



Identify a location to mount the AdapTec on a wall.  
Fix the AdapTec onto the wall by tighten the screws into the 4 holes.