

## Installer Guide

# AD@PTEC TA

The new AdapTec TA comes with dual power output DC 5V and DC 12V. This accessory works as a power supply medium to provide power backup to FingerTec's terminals with time attendance function. In the event of power failure, a DC 12V rechargeable battery sustains AdapTec TA's power supply to ensure a longer standby time. Consisting of a power supply/power input as well as a power output module, AdapTec TA can also connect to other devices that utilize the similar power requirement of a DC 5V 2A. With a siren bell and relevant devices that facilitate the external siren feature, the new AdapTec TA supports DC 12V Siren and DC 12V rechargeable backup battery.

**Note:**

Kindly seek FingerTec's confirmation on device specifications via email to [info@fingertec.com](mailto:info@fingertec.com)

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## 1 UNDERSTANDING ADAPTEC TA FUNCTIONS

- To support FingerTec Time Attendance terminals only.
- To support rechargeable backup battery (compatible with any DC 12V Rechargeable Backup battery) and to act as a backup power supply during power failure
- To support DC 12V Siren, maximum 1A.

## 2 UNDERSTANDING THE TECHNICAL SPECIFICATIONS

Dimension (mm)	198 (L) x 131 (W) x 43 (H)
Weight	900g
Input Voltage	AC 110 / 240 V (universal input)
Output Voltage	DC 5V 1A and 12V 1A
Siren Output	DC 12V, max 1A

### 3 UNDERSTANDING THE DESIGN

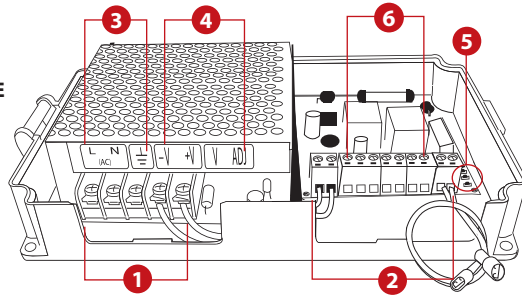
The AdapTec TA consists of 2 main modules:

- 1 Power supply/power input module.
- 2 Power output module.

#### POWER SUPPLY/POWER INPUT MODULE

- 3 This portion is to be connected to a power source with AC110~240V. An AC current will be supplied to this side and a DC 12V 3A current will be generated as output.

- 4 These two cables, -V and +V are defaults and connected to the inner part of AdapTec TA. Please do not remove or replace these cables.

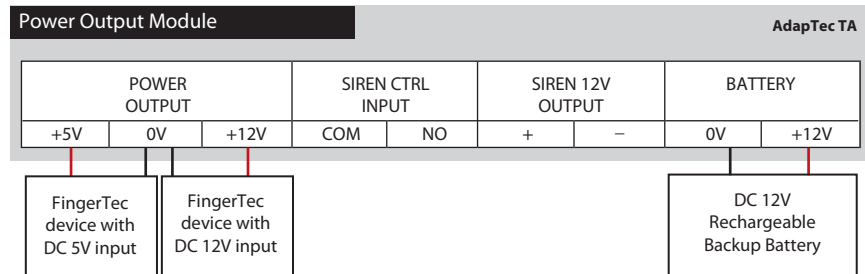


#### POWER OUTPUT MODULE

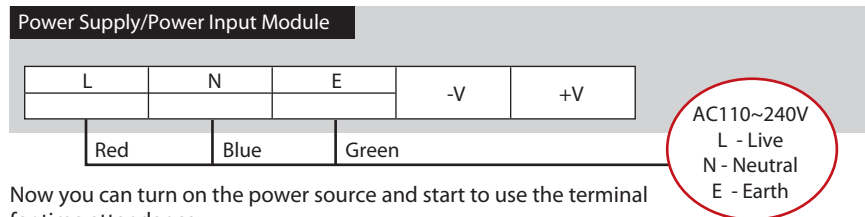
- 5 The LED lights up to indicate the following:
  - 5V LED - The DC 5V output is working properly.
  - 12V LED - The DC 12V output is working properly.
  - Note: Contact support@fingertec.com if either of the none of the LED lights up.*
  - Bat Low LED - The battery is weak and needs to be charged or replaced.
- 6 These are the power outputs from the AdapTec TA. FingerTec terminals and sirens will use these outputs. Please refer to the wiring diagram for more details.

### 4 WIRING DIAGRAMS

#### STEP 1 • Connection Points



#### STEP 2 • Connect AdapTec TA to a Power Source

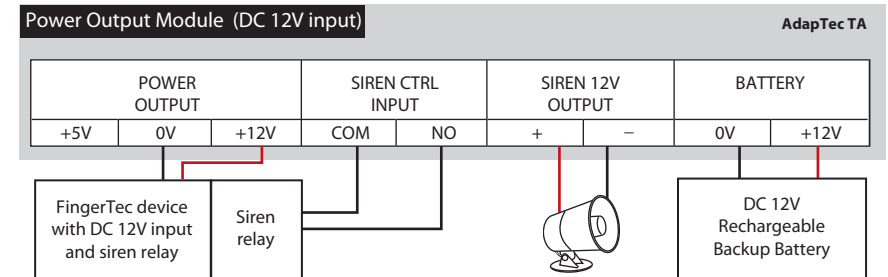
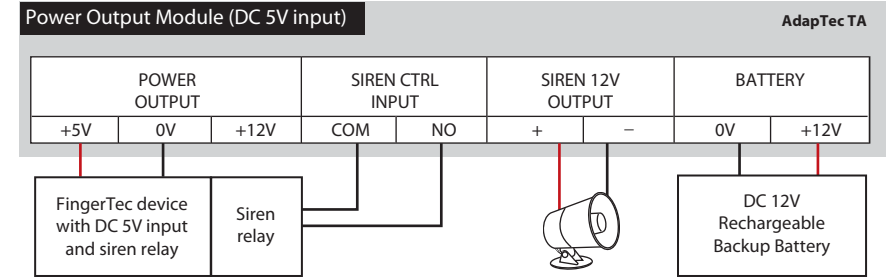


Now you can turn on the power source and start to use the terminal for time attendance.

### 5 SIREN TO ALERT TIME ATTENDANCE REPORTING

#### Benefits of using AdapTec TA with Siren

We recommend you to install the terminal using AdapTec TA, an additional port is readily built to receive the signal from FingerTec terminals. AdapTec TA outputs DC 12V to connect to a siren. You do not need to source for an additional DC 12V power supply for this purpose. Check your FingerTec device to ensure that it supports External Schedule Bell before you use this function.



### 6 INSTALLATION

How to mount an AdapTec TA onto a wall

