

AdapTec TA

Installer Guide

The AdapTec TA is a power supply specially designed for FingerTec terminals for time and attendance systems, including TA100 black and white series, TA100C series, AC100 series, and TimeLine 100 series (which require DC 5V 1A). The AdapTec TA is intended to ease installation, to provide power supply and to provide longer standby time during a power failure, supported by a DC12V rechargeable battery.

AdapTec TA is compatible with all DC12V rechargeable batteries in the market. The AdapTec TA consists of a power supply or a power input module as well as a power output module. The AdapTec TA also connects to other devices, which require similar power requirement of DC 5V 1A.

Note: Kindly seek FingerTec's confirmation on device specifications via email to info@fingertec.com

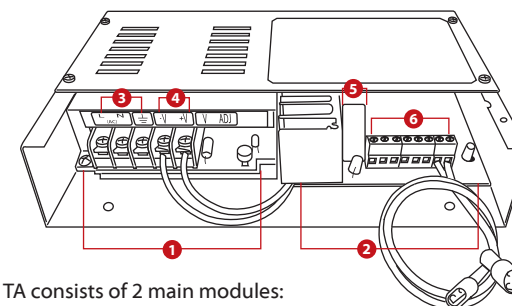
1 UNDERSTANDING ADAPTEC TA FUNCTIONS

- To support FingerTec terminals that are dedicated to Time Attendance
- To support rechargeable backup battery (compatible with any DC12V Rechargeable Backup battery) and to act as a backup power supply during power failure
- To support DC12V Siren, maximum 1A. *(For TA100 series only)*

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	DC12V, 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 into this side and a DC12V 3A current will be generated as output.
- 4 These two cables, -V and +V are defaults and connected to the inner part of AdapTec. Please do not remove or replace these cables.

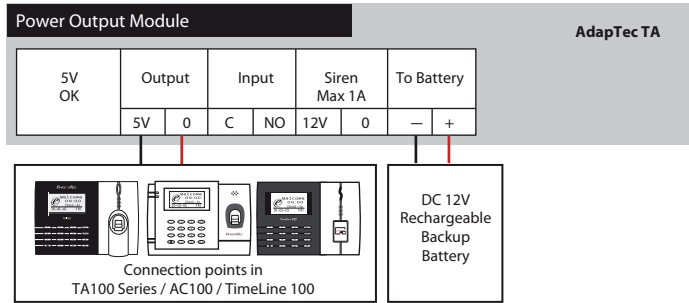
POWER OUTPUT MODULE

- 5 This LED is an indicator to indicate the output is available. Please return the unit if the LED does not light up after it is powered on.
- 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.

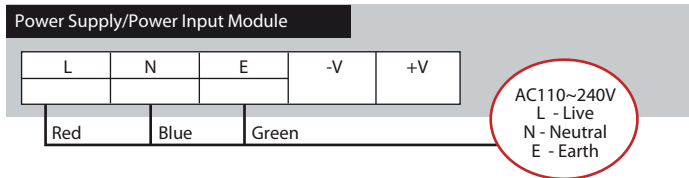
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WIRING DIAGRAMS (TA100 & 100C Series / AC100 / TimeLine 100)

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.

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SIREN TO ALERT TIME ATTENDANCE REPORTING

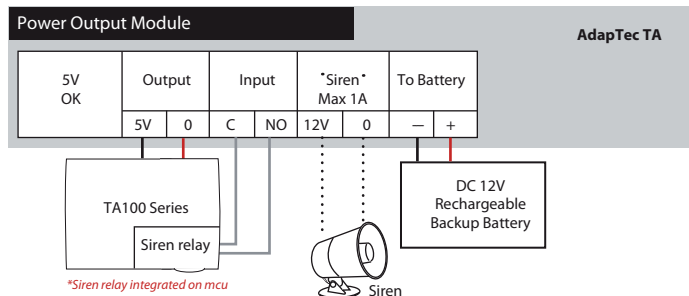


Benefits of using AdapTec TA with Siren

We recommend you to install the terminal using AdapTec TA, as an additional port is readily built to receive the signal from FingerTec terminals. AdapTec TA is outputs DC12V to connect to a siren. You do not need to source for an additional DC12V power supply for this purpose.

FUNCTION • TA100 Series

The AdapTec TA is integrated to support the scheduled siren function. You can connect a bell with the DC12V max 1A to an AdapTec TA. TA100 series is equipped with 10 scheduled bell function. You can preset the scheduled bell inside the TA100 series by connecting the TA100 series siren relay to the AdapTe TA.

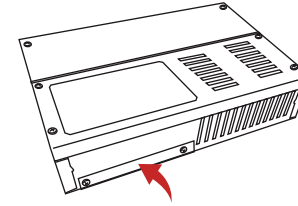


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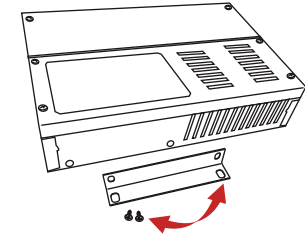
INSTALLATION

How to mount an AdapTec TA onto a wall

1 Remove the L-shape piece from the AdapTec TA

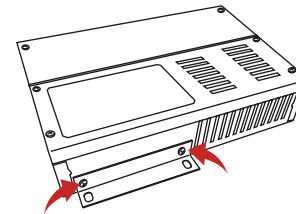


Find an L-shape piece at the top right of an AdapTec TA. This piece is attached to the AdapTec TA by 2 screws.



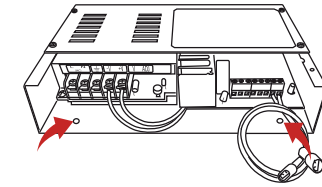
After removing the piece, you will have one L-shape piece and 2 screws.

2 Install the piece to the AdapTec TA



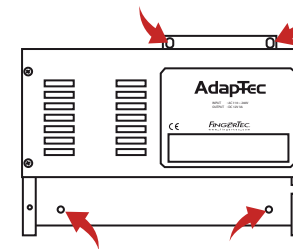
Attach the L-shape to the AdapTec TA as shown and tighten the screws.

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.

4 Mount the AdapTec TA on a wall



Identify a location to mount the AdapTec TA on a wall.

Fix the AdapTec TA onto the wall by tightening the screws into the 4 holes.