

Leadtek S202
Wi-Fi Smart Power Plug

User Manual

Jun 29, 2016

Contents

FCC Statement.....	3
Product Overview	6
Features	6
Install APP	7
WiFi LED Indicator.....	8
Network Configuration	10
APP Operation Instructions.....	14
Frequently Asked Questions	26
Manual Update History.....	30

FCC Statement

P 15.19(a)(3):

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

15.105(b):

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF Exposure: A distance of 20 cm shall be maintained between the antenna and users, and the transmitter module may not be co-located with any other transmitter or antenna.

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This device complies with RSS 247 of Industry Canada. This Class B device meets all the requirements of the Canadian interference-causing equipment regulations.

Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Product Overview

Leadtek S202 Wi-Fi Smart Power Plug is a general 2.4 G WiFi (802.11 b/g/n) device we introduced. It is designed for new home automation systems. It can be used in the Internet or Intranet. When it is connected to network, users can use mobile APP to remotely control it from anywhere.

Features

Voltage/current/power consumption measurement.

Have four independent controllers to control three power sockets and USB ports.

Support wireless remote control.

Support smart network configuration.

Support up to 36 timer schedule tasks.

Install APP

For iOS Users:

Start App Store and key in "amor Power" to search and install the APP.

For Android Users:

Search "amor Power" in the app market to download and install the APP.

WiFi LED Indicator

WiFi Status Indicator

LED Indication	Description
Flashing (every 2.6s)	Smart configuration mode (factory default status) iOS users can use "amor Power" APP to configure the device to the remote control mode.
Flashing (every 0.5s)	Direct connection mode The device SSID shows in the WiFi list of the mobile device. And users can connect it directly through WiFi and control it. In this mode the device is not connected to the WiFi Router, so it can't be controlled remotely. You can enter the APP's device settings page to configure it to the remote mode.
Flashing (every 0.2s)	The device is trying to connect to the Router.
On	Remote control mode. The device has been connected to the Router successfully, and mobile APP can remotely control it anywhere anytime.

Socket On/Off Status Indicators

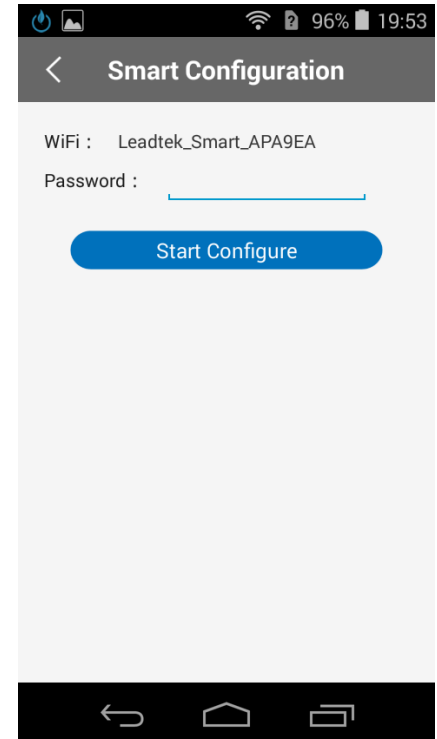
There are four On/Off status indicators for indicating the three common power sockets and a group of 5V/1~2A USB ports.

LED Indication	Description
On	The power socket is turned on or the temperature function is enabled. So the socket will automatically turn on or off when the preset temp is reached.
Off	The power socket is turned off and the temperature function is disabled.

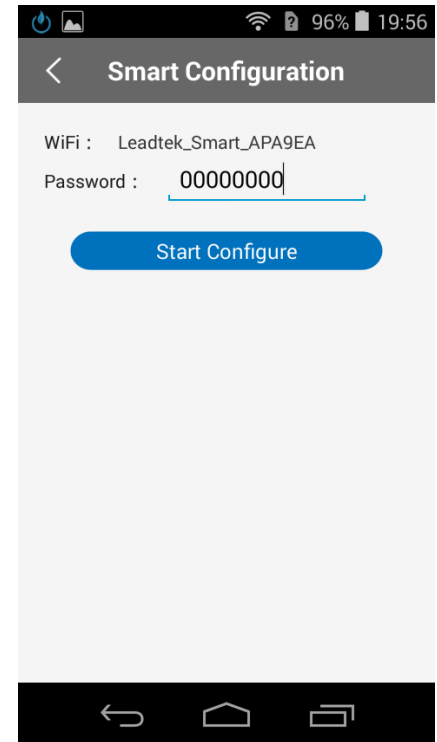
Network Configuration

Smart Network Configuration

1. Make sure that the mobile device has been connected to a WiFi Router. Start the "amor Power" APP and touch "+" in the device list page to enter the network configuration page.
2. Plug the device into the power socket, and make sure that the WiFi indicator is slowly blinking. Then touch "Next". If the indicator is not slowly blinking or you want to reconfigure the device, please use the APP to reset it, or replug it into the socket while holding down the first on/off button and continue to hold it down for about 4 seconds until the indicator turns off to reset it.



3. Type the current WiFi network's password and touch "Start Configure".
4. When the success dialog box pops up, the device has been connected to the same network with the mobile device, and then you can use the APP to control the device remotely. (When you configure multiple devices at the same time, if it failed to configure someone, please reconfigure it in this page.)



Configure via Direct Connection Mode

1. Plug the device into the power socket. Then hold down the on/off button for about 4 seconds until the indicator turns off, and then release the button.
2. Make sure that the device is in the direct connection mode (flashing once every 0.5s). Touch "Settings" -> "WiFi" of the mobile device, and then touch the device SSID to connect it. (Not secured, SSID: S202xxxxxxx, xxxxxxxx is the last eight characters of its MAC address.)
3. Start the APP, and it will automatically login the device.
Note: For iOS devices, it may take about one minute to connect the device for the first time. Please start the APP after it displayer the "📶" icon.
4. In the home page, touch "⋮" -> "Settings" -> "WLAN" and select the WiFi router and type its password to configure it, and then it will automatically restart.
5. Connect your mobile device to the wireless network, and then you can use the APP to control the device remotely.

Add New Device Which Has Been Configured





1. Connect the mobile device to the same router as the socket device.
2. Start the APP and touch "🔄" in the device list page to search the device.
3. Touch the device name and type its password (default password is the last eight characters of its default alias) to login it. After that, the device will saved in the Device List and can be controlled through internet.

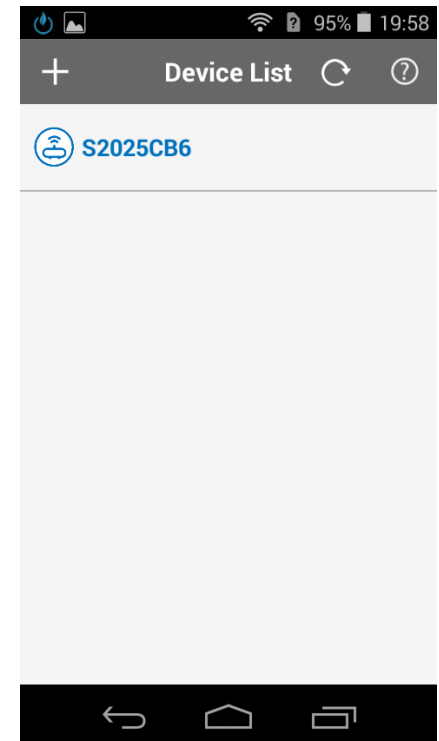
APP Operation Instructions

Device List

When you start the APP for the first time, it will enter the device list page as right. This page is used to display both the new devices in LAN and the saved devices for you to connect. You can touch the online device to connect and operate it.

Devices with different status are shown in different color icons:

Icon	Status	Network	New?	Delay
	Online	LAN	Yes	Short
	Online	LAN	No	Short
	Online	WAN	No	Long
	Offline	Offline	No	--





- When login the new device in the local network, you have to enter its password.
- Long touch the device alias (Android) or slide it to the left (iOS) to remove it from the device list.
- Touch "🔄" to refresh the device status in LAN.
- Touch "❓" to view the online instructions. (Your mobile device must be able to access the Internet first.).

Home Page

Start the APP and login the device to enter the home page as right. Touch "☰" to return to the device list page. Touch "🔄" to refresh the device status. Touch "⋮" to enter the menu page.

Device name

The device alias (such as S2025CB6), which can be modified in settings page.

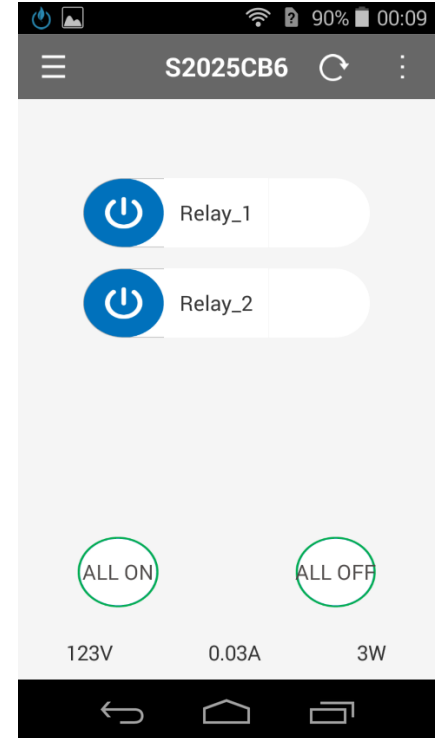
Turn on/off

The four left circular buttons are used to turn on or off the three power sockets and an USB port. The blue icon means the current status is on and gray means off.

You can touch the socket name to modify its icon and alias.

The "ALL ON" and "ALL OFF" buttons are used to turn on or off all of the four sockets.

Measurement



The value on the bottom means the voltage, current and power consumption.

Device Menu

Touch " ⋮ " to enter into the menu page (as right).

Schedule

Schedule (S1), Schedule (S2), Schedule (S3) and Schedule (USB) are used to set the on/off time schedules for the four sockets.

S1/S2/S3/USB is the socket name and can be modified.

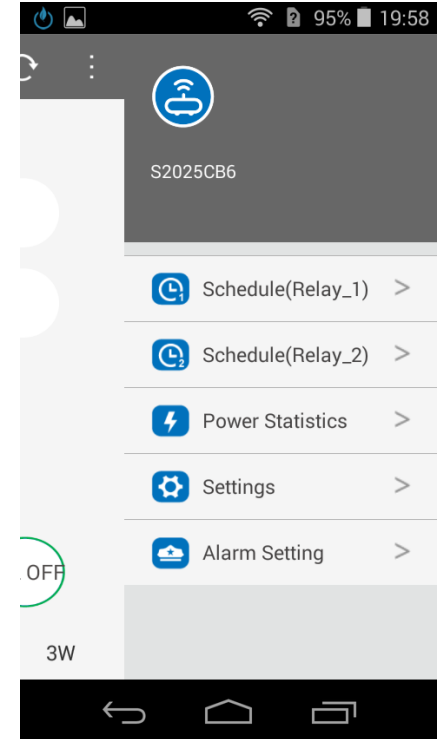
The total schedule number limit is up to 36.

Power Statistics

Calculate the total power consumption and power fee in the specified interval.

Settings

Set the device, update firmware, set alarm temp and check information.



Schedule

Touch "Schedule" to enter the page as right. The page is used to set the timer schedules, and then the device will turn on or off at the specified time.

Device Time

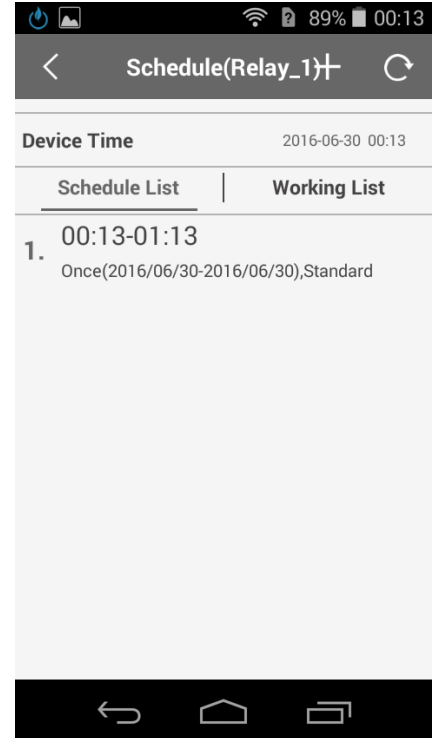
Displays the current device time.

Schedule List

Lists all the schedules. Long touch or slide to the left to delete it.

Working List

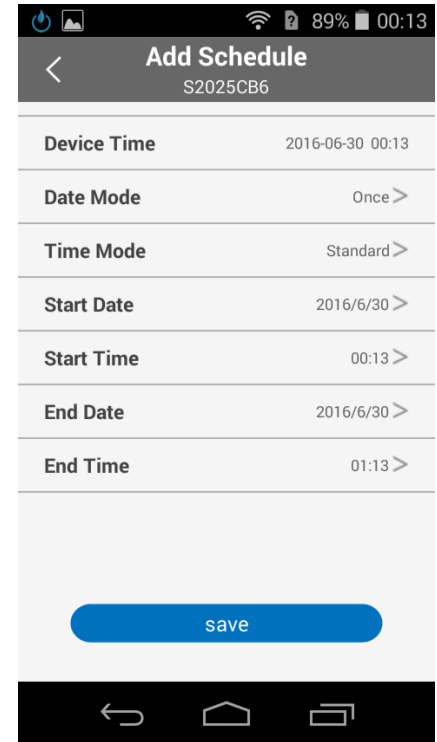
It lists all the on/off time which will be executed today.



Add Schedule

Follow these steps to add new schedules:

1. Touch "+" to enter the Add Schedule page (as right).
2. Select Date Mode: Once, Daily or Weekly. For once please select Start Date and End Date. For weekly you must choose the days in a week.
3. Select Time Mode: Standard or Sunup/ Sundown. Standard means the local area time. Sunup/Sundown means sunrise and sunset time.
4. Select Start Time and End Time. For Sunup/Sundown, you have to select the time based sunup or sundown.
5. Enable or disable the temperature control: when enabled, the device will turn on or off by temperature in the schedule period.
6. Touch "Save" to add the schedule.



Power Statistics

Touch "Power Statistics" to enter the page as right. This page is used to calculate the total power consumption and power fee in the specified interval and display the power consumption for each month within a year.

Select start date and end date, then it will automatically calculate the total power consumption in the interval. And if you key in the electric price, you will get the total electric fee.



Settings

Touch "Settings" to enter the device settings page as right. It includes alias/password setting, area setting, router setting, default restore and firmware update, etc.

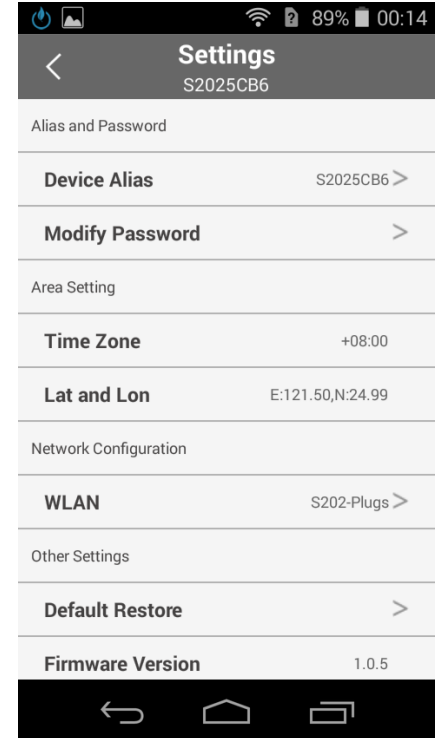
Alias and Password

Give the device new alias and connection password (default alias: S2025CB6, default password is the last eight characters of its default alias).

When finished, the device name in all APPs will be modified to the new alias, and other APPs have to enter the new password when connecting for the first time.

Area Setting

Displays the time zone and Lat & Lon. This setting affects the actual on/off time of Sunup/Sundown schedule.



Network Configuration (Only available when connect directly)

Connect the device to Router so that you can control it via internet. And it can't be changed after successful connection.

Default Restore

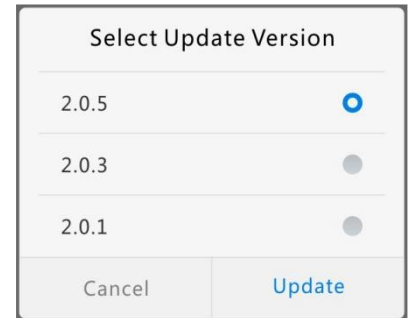
Touch to reset the device to its factory default settings.

Firmware Update(Only available when connect through LAN)

Touch this item to update the device's firmware version. Before update, please make sure that your mobile device and the device are in the same router and can access the Internet.

Follow these steps to update firmware:

1. Touch "Firmware Update" to check the new versions.
2. Select the update version in the news versions list as right, then touch "Update". (It supports updating to lower version, and you can get the change history in the Online Help page.)
3. The update process will last about 90 seconds, please don't move or turn off the device during that.
4. When finished, it will pop up the success dialog box and the device will automatically restart, then you can reconnect it to control. (If there is a failure warning, please redo the above steps.)



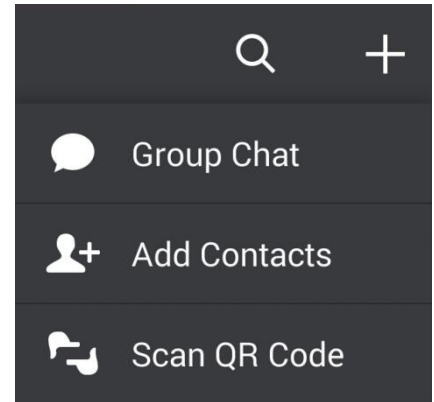
Temperature Alarm (reserved)

Follow these steps to enable the temperature alarm function:

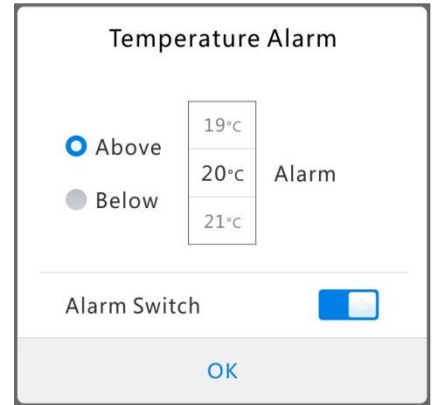
1. Start "WeChat", touch "+" -> "Add Contacts" and "wifi开关" to search and follow it.

ff

2. Select one of the following methods to bind the device to receipt the alarm messages.
 - (1) Enter the 12-digit product SSID and touch "Send".
 - (2) If the mobile and the device are connected to the same router, touch the link in the dialog box to bind it .



3. Start the "amor Power" APP, Set the alarm temperature and enable the temp alarm switch.



4. When the temperature reaches the preset value, it will send the alarm message to all the WeChat accounts which bound the device. For example, if the current alarm temp is above 20°C, it will alarm when the socket temp is higher than 20°C.



Frequently Asked Questions

What devices will work with the device?

The device works best with devices that have a physical power switch. Devices like lamps, heaters and fans work great. However, devices with a digital interface, such as televisions, may not turn ON when power is resumed and instead go into standby mode

What should I do if the local device isn't shown in the device list?

- Made sure that your mobile device and the device are connected to the same router.
- Try to touch "🔄" on the Device List page to search the devices in LAN.
- Try to exit the APP and restart it.
- Unplug the device from the power socket and then plug it back in.

What should I do if the device in WAN is shown as LAN in the device list?

- Try to exit the APP and restart it.
- Unplug the device from the power socket and then plug it back in.

What should I do if the device in WAN isn't shown in the device list?

- Made sure that your mobile device and the device can both access the Internet.
- Try to exit the APP and restart it.
- Unplug the device from the power socket and then plug it back in.
- Delete the device from the Device List and then resave it in local network.

Why should I modify the connection password?

If you modify the connection password, other people will cannot control your device until they type in the new password.

How to restore my device to its factory default settings?

There are two ways to perform a factory reset on your device, manually and through the amor Power APP. Restoring your device will erase all the settings and set it back to factory defaults.

Restore through amor Power APP:

1. Start the amor Power and touch the device name you wish to restore.
2. Touch " ⋮ " -> "Settings" -> "Default Restore".

To manually perform factory reset on your device, follow these steps:

1. Unplug your device from the power socket.
2. Hold down the first on/off button (labeled at the top).
3. While holding the button down, plug it back in and continue to hold the button down for about 4 seconds until the indicator turns off.
4. Release the button.

How to update firmware?

1. Connect your mobile device and the device to the same router, and make sure that it can access the Internet.
2. Start the amor Power APP and connect the device.
3. Touch "⋮" -> "Settings" -> "Firmware Update" to check the new versions.
4. Select the update version in the news versions list as right, then touch "Update". (It supports updating to lower version, and you can get the change history in the Online Help page.)
5. The update process will last about 90 seconds, please don't move or turn off the device during that.
6. When finished, it will pop up the success dialog box and the device will automatically restart, then you can reconnect it to control. (If there is a failure warning, please redo the above steps.)

How to change the router?

First reset your device manually and through the amor Power APP, and then connect the device through WiFi and set to the other router.

Manual Update History

=====

2016.02.23

- 1) Modified some UI images.
- 2) Firmware version: V2.0.8 or above;
Android APP version: V2.1.1 or above;
iOS APP version: V2.1.7 or above.