

SmartWallBox Android Manual

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A . Combi module

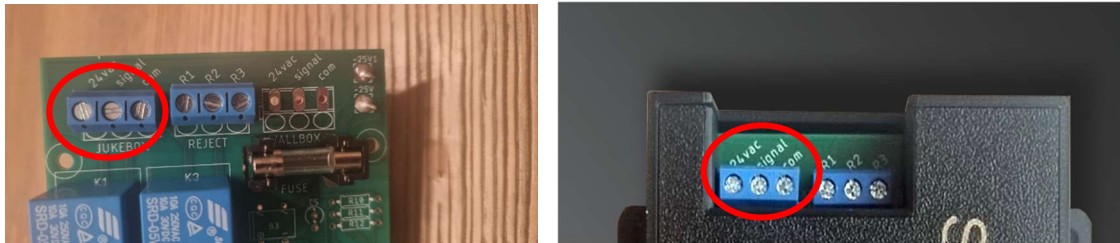
1. Introduction

This manual describes the installation and use of the SmartWallBox module and Android App. With this app, you can easily control a jukebox via your smartphone.

This manual is not suited for iPhone. The manual for iPhone (iOS) can be found on the website (WebApp manual).

2. Connecting the module

The module is connected to the jukebox by means of three wires.



Use the table below to make the correct connections:

Junction	Description
24VAC	24V Supply Voltage
Signal	Signal with pulses
COM	Mass

Depending on the jukebox brand and type, the text on the stepper might differ. The cross reference table below shows some examples. If in doubt, please contact us.

SmartWallbox	Wurlitzer	Rockola	Seeburg	Seeburg	AMI
SIGNAL	1	SIGNAL	SIG	BLU	SIGNAL
COMMON	2	COM	GND	ORG	A.C. D.C. COMMON
24VAC	3	24V A.C.	25V	GRN	A.C.

In addition, there is an optional REJECT connector. This can be used to stop a selection via the SmartWallBox app. The terminals **R1** and **R2** are connected in parallel with the REJECT/CANCEL button of the jukebox. This works for the Seeburg/AMI/Rockola models.

Wurlitzer models with a 2-pole REJECT switch can be connected in the same way. But some Wurlitzer models have a REJECT button with a 3-pin connector. These cannot be connected directly to the SmartWallbox module. Special cables are available here that can be connected to the dummy plug of the amplifier. See the product page on the website for details.

3. Installation of the app

The "SmartWallBox" app can be found in the Google Play Store.



4. Open xls-file with songs

Create an Excel file with all the songs in your jukebox. The formats that are supported are ".xls" and ".xlsx". See example on the last page.

Templates for the different wallboxes can be downloaded from the website (www.smartwallbox.nl)

Save the Excel file on your smartphone. Now you can browse to this file in the app by clicking on the top right:

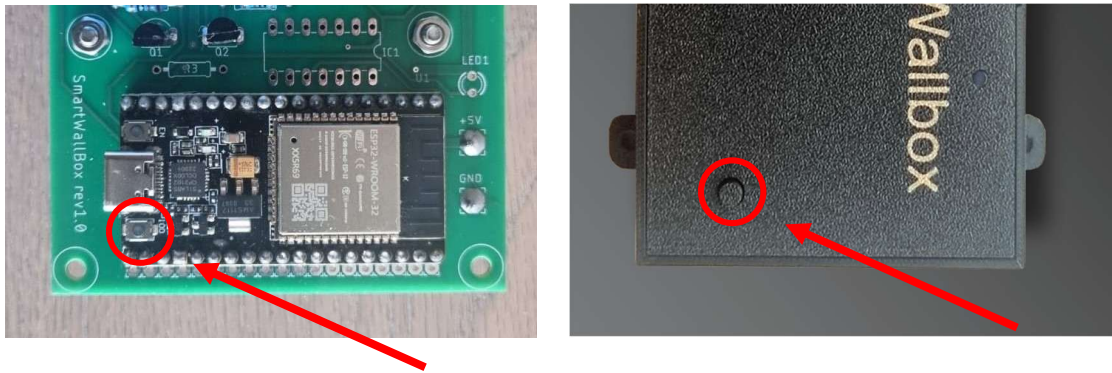
Settings-> Read XLS

This file will be stored the next time you start the app.

5. Register the module on the WIFI

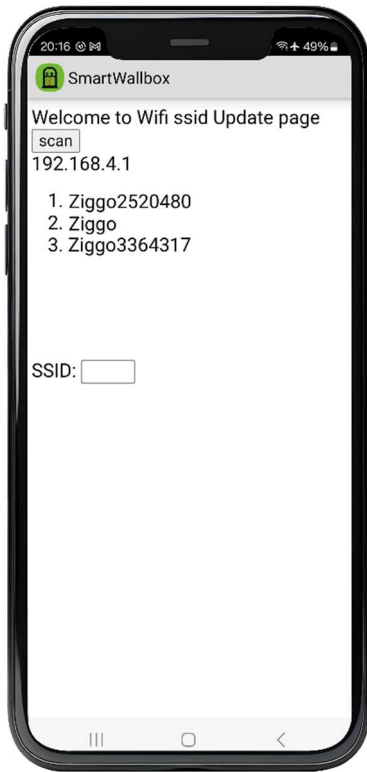
Registering the module to WIFI and configuring the jukebox can be done as follows.
Connect the module to jukebox as shown in chapter 1. Or alternatively connect the module to an USB power adapter or laptop.

The module must first be put in AP mode (Access Point mode). To do this, press the indicated button:



The board will now create a WIFI network called "SmartWallbox".
Your phone must be registered to the same network. Go to your phone's Wi-Fi settings and select the "SmartWallbox" network

Then go back to the app and select the following menu: *Settings->Set WIFI ssid*



This gives an overview of all WIFI networks. Choose the number of the correct home network. Please note, your phone and the module will both have to use the same WIFI network.

Enter the password and go back to the main menu.

If the above does not work, you must first disable internet via mobile network. This can be done by disabling “roaming” temporarily.

Once your W-Fi network is configured, the board will automatically login to this network.

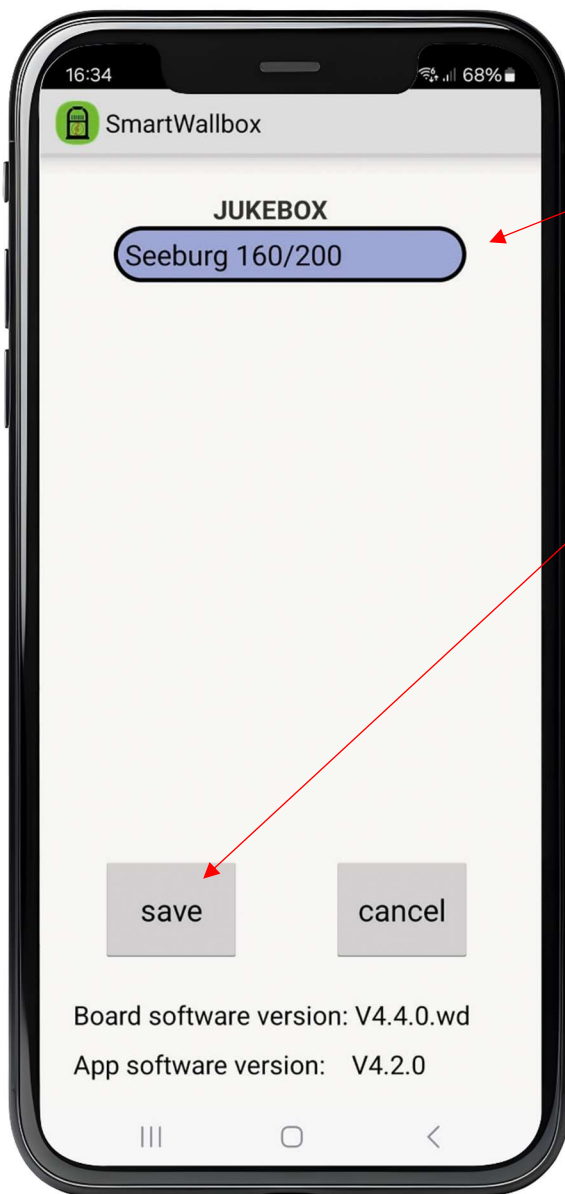
Make sure that your phone is also connected again to you home Wi-Fi network.

The 2026 models of the SmartWallbox feature two blue status LEDs. The top LED indicates whether the module is receiving power. The bottom LED indicates the Wi-Fi status:

- Fast flashing: The module is in AP mode. The “SmartWallbox” Wi-Fi network is active. This mode is used solely for configuring the Wi-Fi network.
- Slow flashing: The module is searching for the Wi-Fi network. If the LED continues to flash, the module cannot find the Wi-Fi network, or the Wi-Fi password has been entered incorrectly.
- Continuous: The module is successfully connected to the Wi-Fi network.

6. Configuration menu SmartWallBox app

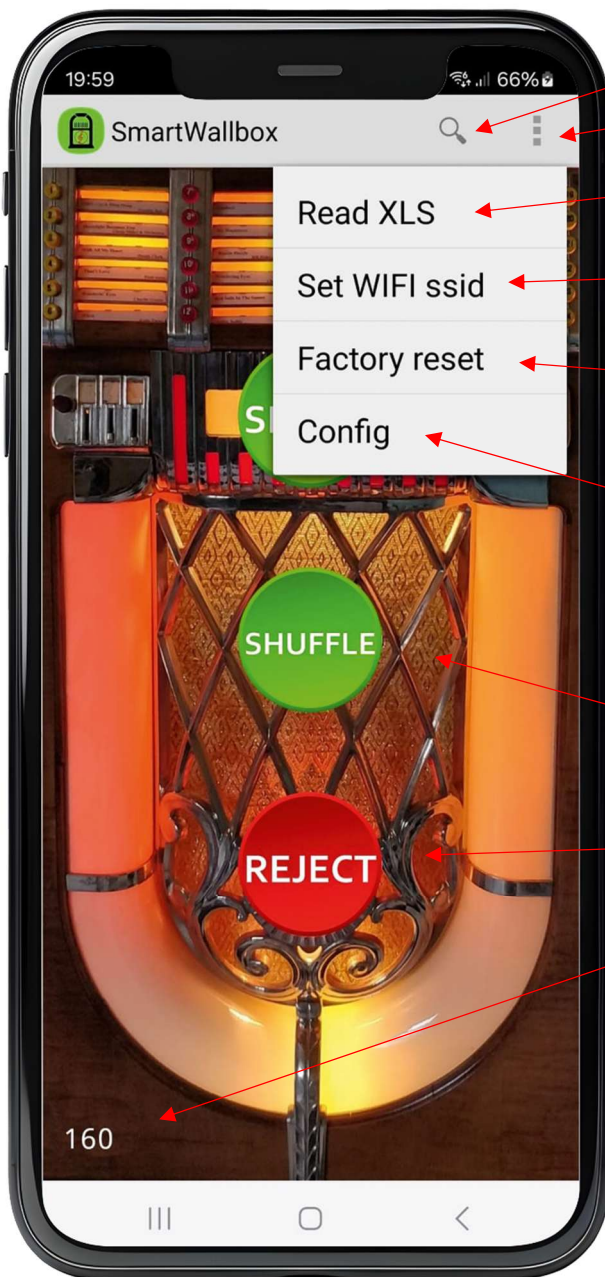
The configuration menu can only be opened when the SmartWallBox module is connected. If the configuration menu does not work, the module or the phone is not registered on the Wi-Fi.



Select the jukebox

Save the settings before you leave the menu.

7. App menus



Search artist or title

Open settings menu

Read new Excel file with songs

Program Wi-Fi ssid onto the board
(see chapter 4)

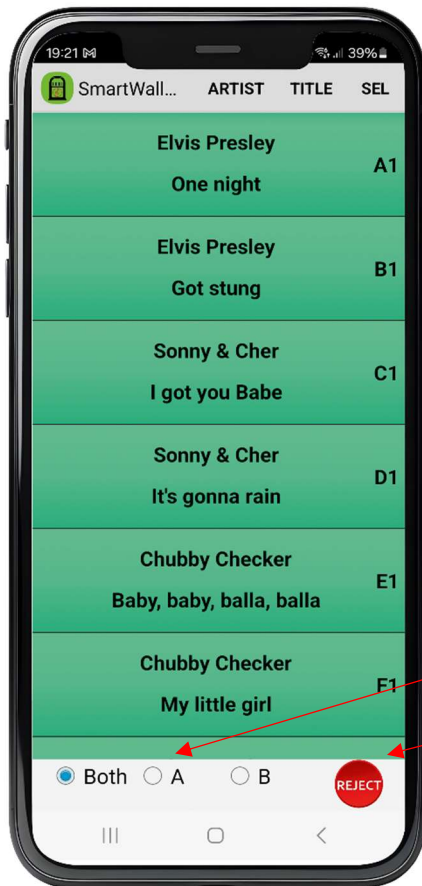
Reset board to factory settings

Open configuration menu (this only
works if the SmartWallBox module is
connected).

Open Shuffle menu

Reject single

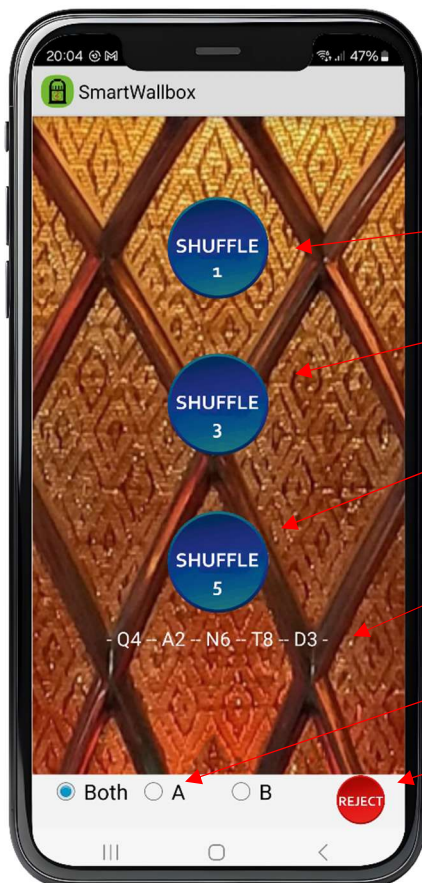
Number of selections read in



Scroll for all songs

Show A, B or both sides

Reject single



Shuffle 1 song

Shuffle 3 songs

Shuffle 5 songs (2.3 presses is 10.20, .. songs)

Selected songs during shuffle selection

Shuffle only side A or B

Reject single

8. Example Excel song list

The file can be created with Microsoft Excel and saved in the formats:

.xls (Excel 97-2003 workbook)

.xlsx (Excel workbook)

1st field	Selection number as shown on the jukebox
2nd field	Song title
3 ^e field	Artiest
4e veld	A of B side

	A	B	C	D
1	A1	One night	Elvis Presley	A
2	B1	Got stung	Elvis Presley	B
3	C1	I got you Babe	Sonny & Cher	A
4	D1	It's gonna rain	Sonny & Cher	B
5	E1	Baby, baby, balla, balla	Chubby Checker	A
6	F1	My little girl	Chubby Checker	B
7	G1	Suspicious minds	Elvis Presley	A
8	H1	You'll think of me	Elvis Presley	B
9	J1	Cinderella	Paul Anka	A
10	K1	Kissin' on the phone	Paul Anka	B
11	L1	Shake, rattle and roll	Bill Haley	A
12	M1	See you later, alligator	Bill Haley	B
13	N1	Blue bayou	Roy Orbison	A
14	P1	Mean woman blues	Roy Orbison	B
15	Q1	Green, green grass of home	Tom Jones	A
16	R1	Promise her anything	Tom Jones	B

More examples of song lists can be downloaded from the web-site.

www.smartwallbox.nl

9. Controlling multiple jukeboxes

This chapter is only relevant for those who have multiple jukeboxes and want to operate them all with the app. Each jukebox must be connected to a separate SmartWallbox module.

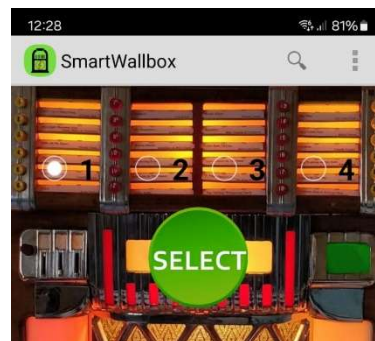
If you are going to use multiple SmartWallbox modules, you must specify this when **ordering** so that each module gets a unique address!

By default, the app is only suitable for operating 1 jukebox. To operate multiple jukeboxes, you must configure the app once for multi-jukebox use.



Press the yellow circled position 5 times. Four extra buttons will now appear. In this way you can control up to 4 different jukeboxes.

You only need to do this configuration once. The app will store this setting and the next time you open the app the multi-jukebox buttons are still visible.



By choosing one of the 4 numbers you will now gain control over the selected SmartWallbox module. For each jukebox you must set the configuration separately as described in chapter 5. The correct Excel file can also be read separately for each jukebox.

Each SmartWallbox module must also first be configured with the correct Wifi SSID. This is the same action as described in chapter 4. It is important that only one module is being configured at the same time.

Appendix A.

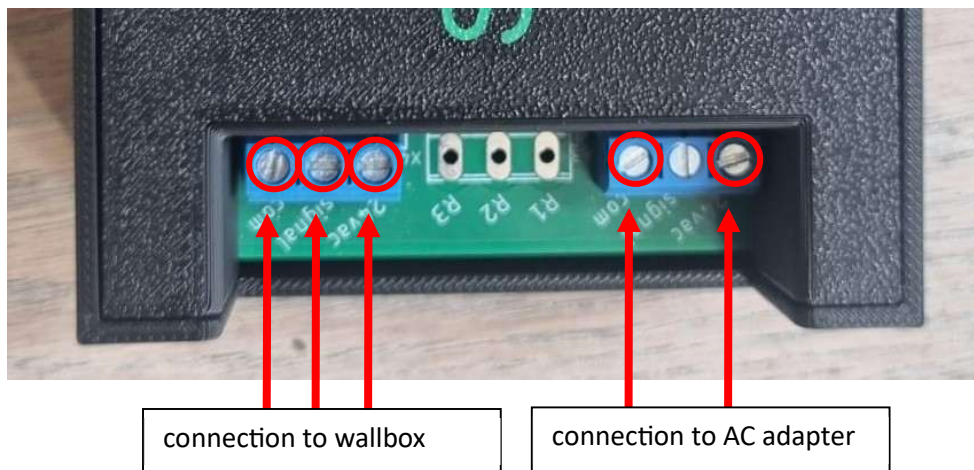
The **SmartWallbox Combi** consists of two modules:

- **Jukebox module:** this module is connected to the jukebox. Its operation is described in chapters 1 to 9.
- **Wallbox module:** this module is connected to the wallbox. The operation of this module is explained in this manual.

Connecting the wallbox module

Left connector: Wallbox connection with 3 wires.

Right connector: The module operates on 24V AC and requires an external 24V AC adapter. The 24V is also the power supply voltage for the wallbox.



Register the module to the Wifi

The wallbox module can be connected in two ways for configuration:

1. **Via 24V AC-adapter.**
2. **Via a USB cable.** You temporarily connect the module to a USB adapter or laptop, the USB connector is on the side of the housing. This way you can pre-configure WiFi and other settings. After configuration, remove the USB cable and connect the module to the wallbox.

Please note! : during configuration, only **one module** may be active at a time. So configure the jukebox module first and then the wallbox module, or vice versa.

Step-by-step plan WiFi configuration:

1. Put the module in **AP mode (Access Point)** via the indicated button.
- The module now creates a WiFi network called "**WirelessWallbox**".
 - Connect your smartphone to this network via the WiFi settings.



1. Open the app and go to:
Settings → Set WiFi SSID



2. Choose the correct home network from the list and enter the password.

- Make sure that both your phone and the module are connected to **the same WiFi network**.

3. Return to the main menu.

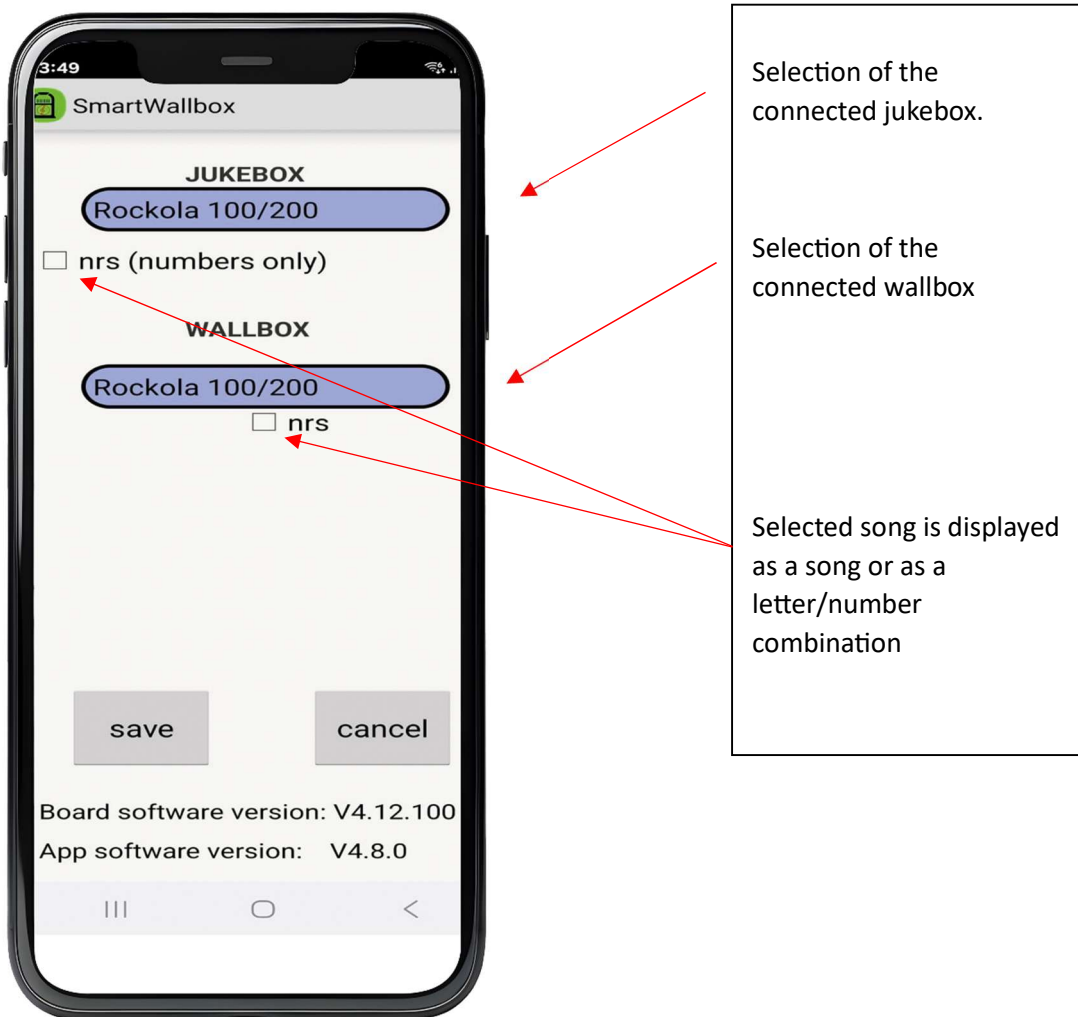
- If this does not work immediately, temporarily disable mobile data.

After successful configuration:

- The module automatically registers on your home network.
- Your smartphone also switches back to this network.
- Don't forget to turn mobile data back on.

SmartWallBox app configuration menu

- The configuration menu is only available if the relevant module is enabled.
- Make sure only **one module** is active at a time.
- If the menu does not open, check that the module and the phone are connected to the same WiFi network. If necessary, reset the WiFi connection (see Section 3).



Operation of the wallbox module

After correct configuration of both modules, the installation is complete.

- The Android app allows you to make selections, after which the jukebox starts playing.
- You can also make selections via the connected wallbox. The selection is forwarded to the jukebox via WiFi.
 - The app does not need to be active for this.
 - When the app is active, two selections become visible:
 1. The selection made on the wallbox.
 2. The selection that the jukebox actually plays.

If the wallbox and jukebox are of the same type, both selections will match.

If a wallbox of a different brand is connected, the letter/number combination may differ. In that case, a conversion takes place automatically in the wallbox module, so that the correct song is still played.



At the bottom left of the app, a history of all selections made is displayed.