

MAXGO SIDEKEY MANAGER

V1.1.0 – 2022-09-06

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Release notes

| | | |
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| 2022-09-06 | SG | Initial version for SideKey Manager v1.1.0 |
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General

To open the function key settings, go to Settings > Advanced features > Function keys


Button list

The main view of the app contains a list of all buttons that you can change.

NOTE: The buttons listed depend on the device

| | | | |
|-------------|---------------|-------------|---|
| ← | Function keys | ↺ | i |
| Scan right | | SCAN | |
| Scan left | | SCAN | |
| Volume up | | VOLUME_UP | |
| Volume down | | VOLUME_DOWN | |
| | | | |

To exit the list, tap on the arrow in the top left or use the back button of the device.

In the top right, you will find a button  to reset all settings to their default values.

Next to that you have a button  to show details about this app.

To change the behavior of any button, tap on the button in the list.

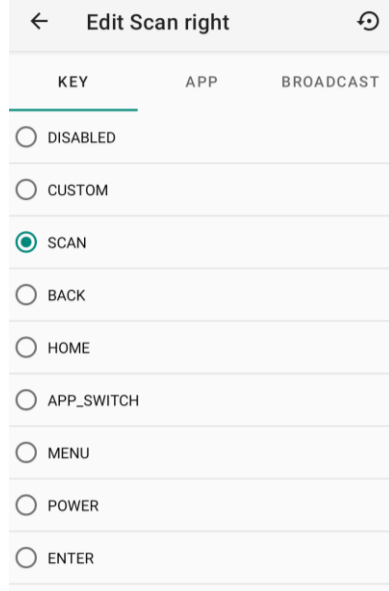
Button editor

To exit the editor, tap on the arrow in the top left or use the back button of the device. In the top right, you will find a button ↺ to reset this button to its default value.

When changing the behavior of a button, you can switch between three modes.

Key

The key mode lets you change the keycode of this button.



The screenshot shows the 'Edit Scan right' interface with the 'KEY' tab selected. It features a list of radio button options for different keycodes. The 'SCAN' option is currently selected, indicated by a green dot.

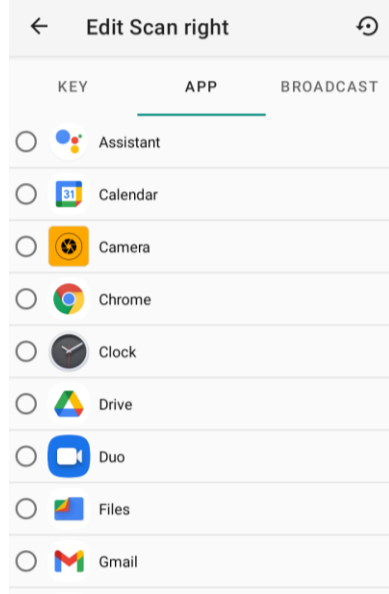
| KEY | APP | BROADCAST |
|---------------------------------------|-----|-----------|
| <input type="radio"/> DISABLED | | |
| <input type="radio"/> CUSTOM | | |
| <input checked="" type="radio"/> SCAN | | |
| <input type="radio"/> BACK | | |
| <input type="radio"/> HOME | | |
| <input type="radio"/> APP_SWITCH | | |
| <input type="radio"/> MENU | | |
| <input type="radio"/> POWER | | |
| <input type="radio"/> ENTER | | |

You can select any entry in the list. The DISABLED entry will fully disable the button, the SCAN entry will trigger the scanner on the device, and the CUSTOM entry allows you to enter any supported [Android keycode](#).

NOTE: The SCAN entry will only be shown on a device that have a barcode scanner

App

The app mode lets you launch any app with this button.



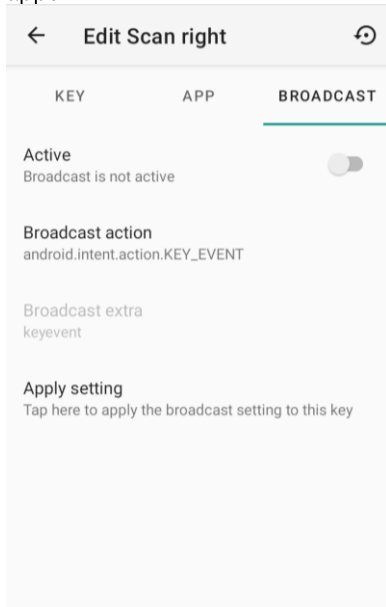
The screenshot shows the 'Edit Scan right' interface with the 'APP' tab selected. It displays a list of installed applications on the device, each with a radio button next to its icon and name. The 'Assistant' app is the first entry in the list.

| KEY | APP | BROADCAST |
|---------------------------------|-----|-----------|
| <input type="radio"/> Assistant | | |
| <input type="radio"/> Calendar | | |
| <input type="radio"/> Camera | | |
| <input type="radio"/> Chrome | | |
| <input type="radio"/> Clock | | |
| <input type="radio"/> Drive | | |
| <input type="radio"/> Duo | | |
| <input type="radio"/> Files | | |
| <input type="radio"/> Gmail | | |

Select any installed app from the list. Make sure the app is installed before opening the button editor – otherwise the app will not be listed.

Broadcast

The broadcast mode will cause the button to send a system wide broadcast that can be received by other apps.



Change the broadcast action, if needed, before turning on the broadcast mode by tapping “Apply settings”.

In this mode, any app can register a broadcast receiver with the selected action.

The broadcast data will also contain an extra with the KeyEvent object that triggered this broadcast.

With the default action, the receiver could get the KeyEvent with the following code.

```
if (intent.getAction().equals("android.intent.action.KEY_EVENT")) {  
    KeyEvent event = intent.getParcelableExtra("keyevent");  
}
```

NOTE: The broadcast will trigger for both the keyup and keydown action so an app should check the action of the KeyEvent to prevent triggering any action twice in your app

Software development kit

The MaxGo Sidekey Manager also provides an SDK or Software Development Kit that enables any app to change the behavior of a key.

To use this SDK, start by adding the following repository to your project

```
maven { url "https://repo.repsy.io/mvn/handheldgroup/handheldgroup" }
```

before adding the dependency

```
implementation 'com.handheldgroup.developertools:sidekeys:1.0.0'
```

to your app's build.gradle file. After that, you can use the SidekeyManager class to interact with the keys:

```
// initialize the SDK
SidekeyManager manager = new SidekeyManager(this);
// check if the SDK is supported on the current hardware
boolean supported = sidekeyManager.isSupported();
// Get a value for the F1 key by its id. Use getIds() for a list of keys on the device
SideKeyConfig config = manager.get("f1");
// Change the action to the Enter key
config.setKeyCode(KeyEvent.KEYCODE_ENTER);
// Save the config
manager.set(config);
```

The SidekeyManager class contains further documentation and examples on how to use the SDK and you can find the full SDK documentation at <https://docs.maxgo.io/sidekey-manager>.