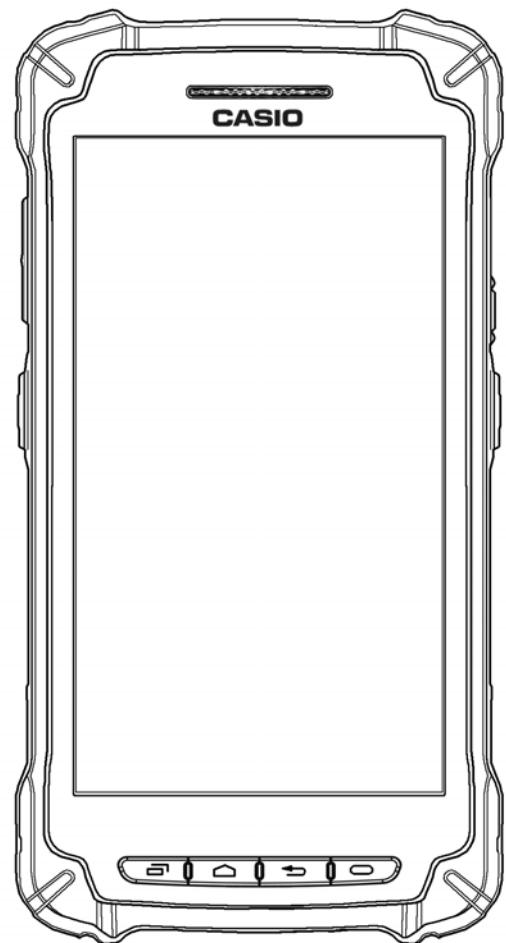




IT-G400 Series

Android 6.0 Casio Android Add-ons Manual

This book explains add-on application which provides "very important function when IT-G 400 is used for business use".



No part of this document may be produced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the express written permission of CASIO Computer Co., Ltd. in Tokyo Japan. Information in this document is subject to change without advance notice. CASIO Computer Co., Ltd. makes no representations or warranties with respect to the contents or use of this manual and specifically disclaims any express or implied warranties of merchantability or fitness for any particular purpose.

© 2017 CASIO Computer Co.,Ltd.

- The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by CASIO COMPUTER CO.,LTD. is under license. Other trademarks and trade names are those of their respective owners.
- Wi-Fi is a registered trademark of Wi-Fi Alliance.
- Android, Android Wear, Google, Google Play, Google Now and other marks are trademarks of Google Inc.
- Other company, product and service names used in this manual also may be trademarks or registered trademarks of others.

- Table of contents -

| | |
|---|----------|
| 1. Overview | 2 |
| 1.1 Purpose | 2 |
| 2. Software | 2 |
| 3. Application requirement | 3 |
| 3.1.1 Privileges Required for Applications | 3 |
| 3.1.2 Intent filter | 3 |
| 3.1.3 API Level | 3 |
| 4. Functions specification | 4 |
| 4.1 Function list | 4 |
| 4.2 Shutdown device | 4 |
| 4.3 Reboot device | 4 |
| 4.4 Turn on scanner | 5 |
| 4.5 Turn off scanner | 5 |
| 4.6 Enable trigger key | 5 |
| 4.7 Disable trigger key | 6 |
| 5. CASIO Accessibility Service | 7 |
| 5.1 Overview | 7 |
| 5.1.1 Disabling short pressing power switch | 7 |
| 5.2 Enabling functions | 8 |
| 5.2.1 Enabling CASIO Accessibility service | 8 |
| 5.2.2 Enabling "Disable short pressing power switch" | 9 |

1. Overview

1.1 Purpose

CasioAndroidAddons is an add-on that provides "very important function when using IT-G400 for business use", although they are not supported by standard Android.

This software provides the following two services.

- (1). Called by the intent issued by the application, it performs various functions. (Intent service)
- (2). Call from Settings app and change basic behaviors of the device. (CASIO accessibility service)

2. Software

Application file for Android

File name : CASIOAndroidAddons0100000001.apk

Package name : jp.casio.casioandroidaddons

(Remarks)

- The end "0100000001" of the above file name is the version name, and it is changed by upgrading.
- If you want to check the installed version of CASIOAndroidAddons, you can check by selecting [CASIOAndroidAddons] from [Settings] → [Applications].

3. Application requirement

3.1.1 Privileges Required for Applications

No special privileges are required to use the functions.

3.1.2 Intent filter

No special intent filter is required to use the functions.

3.1.3 API Level

When creating Android project, specify "minimum API level" and "target API level". The minimum API level is the setting related to build and installation, and the target API level is the setting related to the operation of Android API.

There is no restriction on the API level for using the functions of this application.

4. Functions specification

4.1 Function list

By installing this application, you can use the following functions.

| Function | Meaning |
|---------------------|--|
| Shutdown device | This function is used to shutdown IT-G400 from application. |
| Reboot device | This function is used to reboots IT-G400 from application. |
| Turn on scanner | This function is used to turn on scanner from application. |
| Turn off scanner | This function is used to turn off scanner from application. |
| Enable trigger key | This function is used to enable trigger key from application. |
| Disable trigger key | This function is used to disable trigger key from application. |

4.2 Shutdown device

■ Overview

This function is used to shutdown IT-G400 from application.

■ Usage

Create an Intent with action, then call `sendBroadcast`.

Action: `casio.intent.action.SHUTDOWN`

■ Example

```
Intent intent = new Intent("casio.intent.action.SHUTDOWN");
sendBroadcast(intent);
```

4.3 Reboot device

■ Overview

This function is used to reboot IT-G400 from application.

■ Usage

Create an Intent with action, then call `sendBroadcast`.

Action: `casio.intent.action.REBOOT`

■ Example

```
Intent intent = new Intent("casio.intent.action.REBOOT");
sendBroadcast(intent);
```

4.4 Turn on scanner

■ Overview

This function is used to turn on scanner from application.

■ Usage

Create an Intent with action, then call sendBroadcast.

Action: `casio.intent.action.SCANNER_ON`

■ Example

```
Intent intent = new Intent("casio.intent.action.SCANNER_ON");
sendBroadcast(intent);
```

4.5 Turn off scanner

■ Overview

This function is used to turn off scanner from application.

■ Usage

Create an Intent with action, then call sendBroadcast.

Action: `casio.intent.action.SCANNER_OFF`

■ Example

```
Intent intent = new Intent("casio.intent.action.SCANNER_OFF");
sendBroadcast(intent);
```

4.6 Enable trigger key

■ Overview

This function is used to enable trigger key from application.

■ Usage

Create an Intent with action, then call sendBroadcast.

Action: `casio.intent.action.TRIGGER_ENABLE`

■ Example

```
Intent intent = new Intent("casio.intent.action.TRIGGER_ENABLE");
sendBroadcast(intent);
```

4.7 Disable trigger key

■ Overview

This function is used to disable trigger key from application.

■ Usage

Create an Intent with action, then call `sendBroadcast`.

Action: `casio.intent.action.TRIGGER_DISABLE`

■ Example

```
Intent intent = new Intent("casio.intent.action.TRIGGER_DISABLE");
sendBroadcast(intent);
```


5. CASIO Accessibility Service

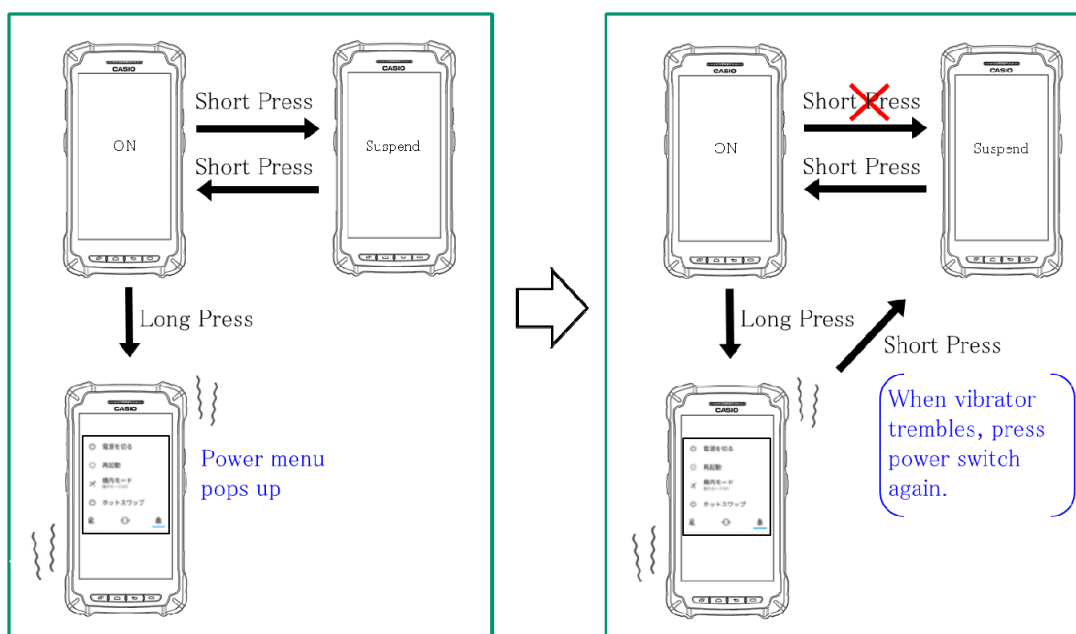
5.1 Overview

CASIO Accessibility Service provide following functions.

| Function | Description |
|--|---|
| Disable Short pressing of power switch | Disable short pressing power switch for sleeping. |

5.1.1 Disabling short pressing power switch

The basic design concept of IT-G400 is the One Hand Operation (i.e. all operations can be done with one hand.). Because the power key is also placed according to this concept, some customers may suspend by touching the power switch unintentionally. This function proposes a new power key sequence that prevents such an unintentional power off while making full use of the one hand operation which is the concept of IT-G400. In factory state, you can switch between suspend state and ON state by pressing the power key for a short period. When this function is enabled, short pressing of the power key is ignored. In order to suspend the device intentionally, press power switch about 1 second to pop power menu up, then press the power key for a short time again.



The behavior when this function is enabled.

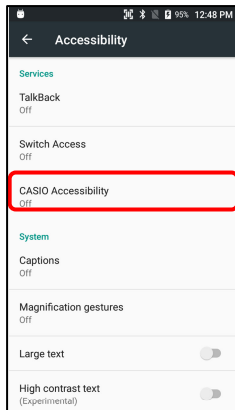
| Operation | Behavior |
|--|-------------------|
| Short pressing of power switch | Doing nothing |
| Short pressing of power switch when Power menu is shown. | Sleeps |
| Long pressing of power switch | Pop-up power menu |

5.2 Enabling functions

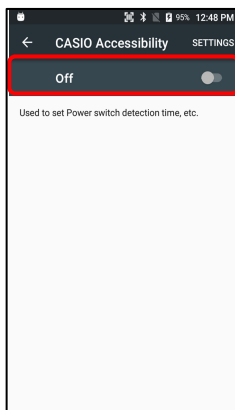
In order to enable the above function, needs to make following two settings.

- (1) Activate CASIO Accessibility service
- (2) Activate the power key short press inhibit setting

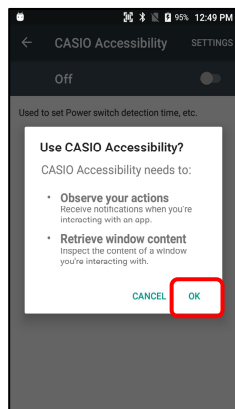
5.2.1 Enabling CASIO Accessibility service



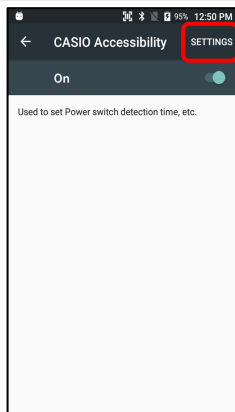
Select “Settings app” → “Accessibility”, and touch “CASIO Accessibility”.



Slide on the switch.



Select “OK”.

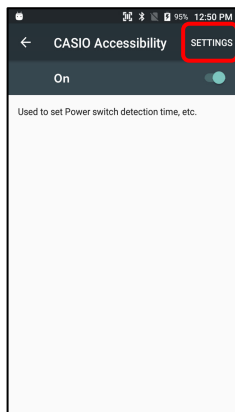


Now, "CASIO Accessibility Service" has enabled.

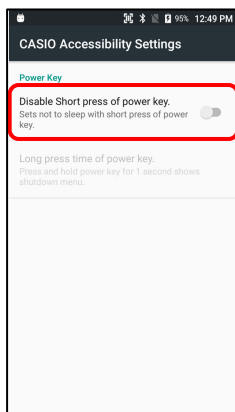
In order to enable "Disable short pressing power switch", open SETTING on the top of right.

5.2.2 Enabling "Disable short pressing power switch"

"Disable short pressing power switch"

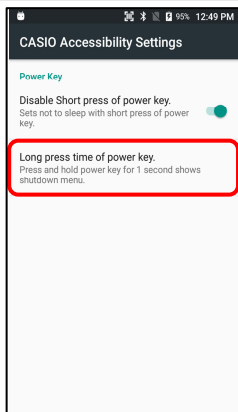


In order to enable "Disable short pressing power switch", open SETTING on the top of right.

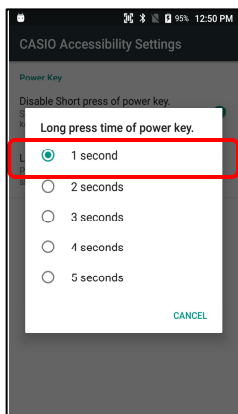


Touch "Disable short pressing of power switch".

When the "Disable short pressing of power switch" is enabled, also "long pressing time of power key" can be changed.



Top “Long pressing of power switch”.



Select favorit time from the list.