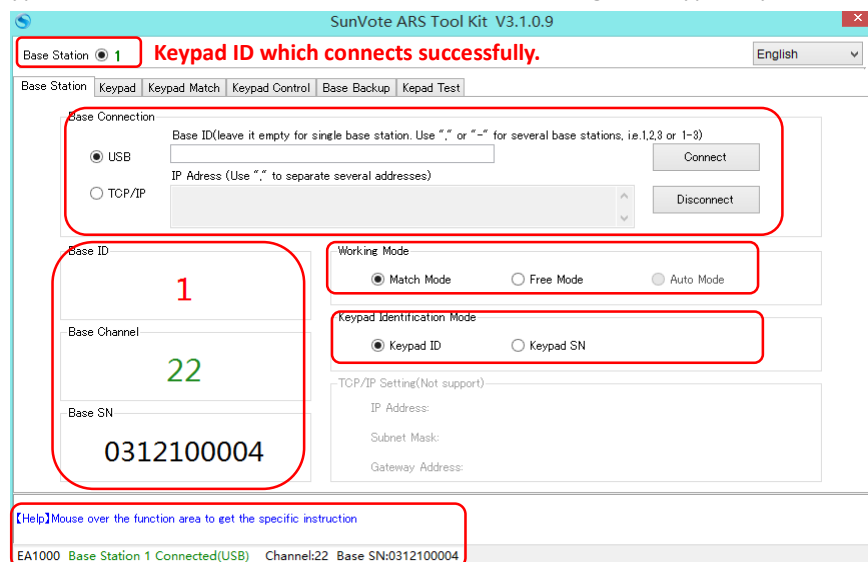# SunVote ARS Tool Kit Quick User Guide

Suitable for ARS Tool Kit V3.1.0.9 or higher version

SunVote ARS Tool Kit is for hardware configurations. Read this file to guide you how to do it.
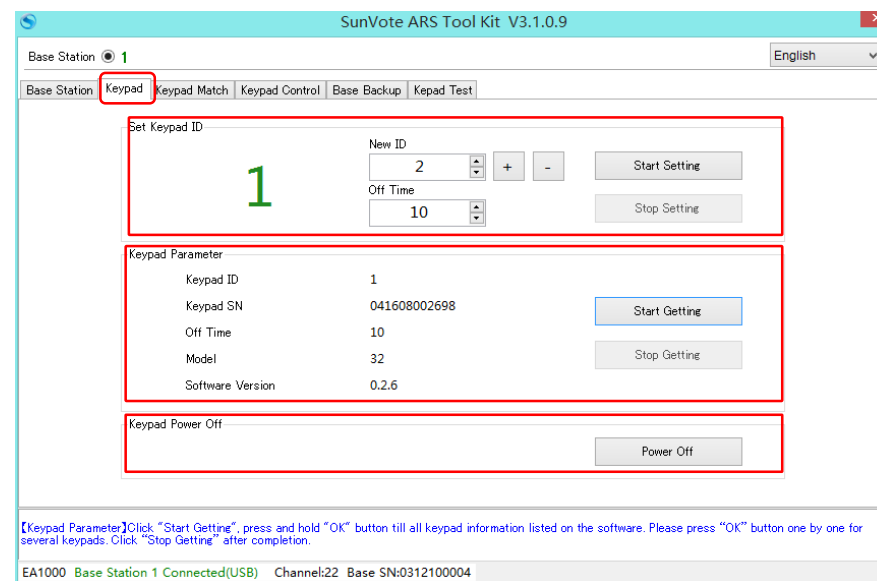
## 1. Base Station Setting

① Connect base station to computer and open "SunVote ARS Tool Kit"

② It will show base station SN, current base ID, channel and working mode. Move the mouse to different parameters, it will show corresponding help information at the bottom of the window.

③ If you need to change the working mode, just click the one you want, it will save automatically. (Note: Please refer to base station user manual for details)

④ In multi- base stations connection system, please set each base station with a unique ID. Double click current ID, it will show [ 1 ], then you can input the new ID, and press Enter to save.

⑤ If there is signal interference, double click current channel，it will show [ 19 ] , then you can input new channel, and press Enter to save. Once new channel is changed, in match mode, all the matched keypads will follow the new one automatically, no need to update one by one.

⑥ Keypad identification Mode is to set base station recognize keypad by ID or SN.



## 2. Keypad Setting

On the top menu, click "Keypad" to do settings for keypad.

① **Set keypad ID**. Type in a number in the New ID box, then click [ Start Setting ] , then press the OK button once on a keypad (For model E10 is the Yes key while G20 is the Input key), then new ID will be set, you can see from both keypad LCD and software. Once successfully set one, the number in the New ID will plus 1 automatically, just press OK button one by one to set IDs for more keypads in order. Then click [ Stop Setting ] to stop.

② **Read Keypad Parameter.** Click [ Start Getting ] , then press the OK button once on a keypad (For model E10 is the Yes key while G20 is the Input key)，then the software will show its basic parameters. If you have more keypads, you can press OK button one by one. Then click [ Stop Getting ] to stop.

③ **Keypad Power Off**. Click [ Power Off ] to power off all the matched online keypads, you can click it 2 or 3 times if you have hundreds keypads.
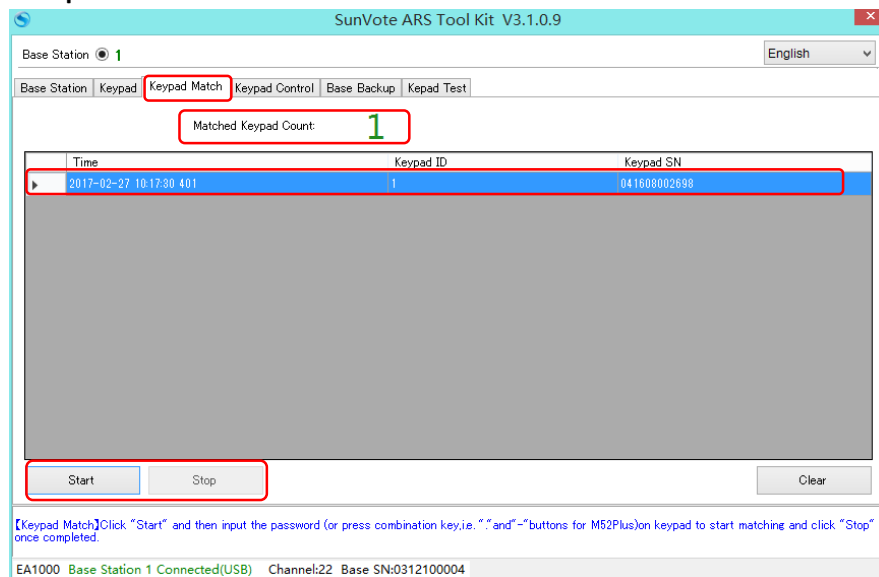


## 3. Keypad Match
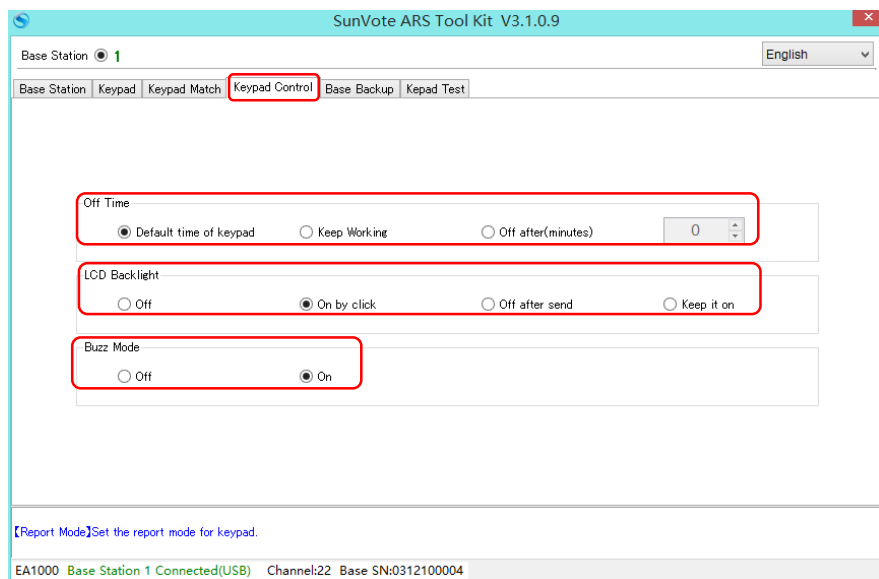
On the top menu, click "Keypad Match".

① **Start Match**. When base station is in Match mode, Click [ Start ] . Press the match keys（Note: for M5X,S5X,V5X series keypads, press the left bottom and right bottom keys at the same time for 3 seconds to do match, for G20, E10, please refer to the keypad user manual）.When matched successfully, Tool Kit interface will show keypad ID and SN.

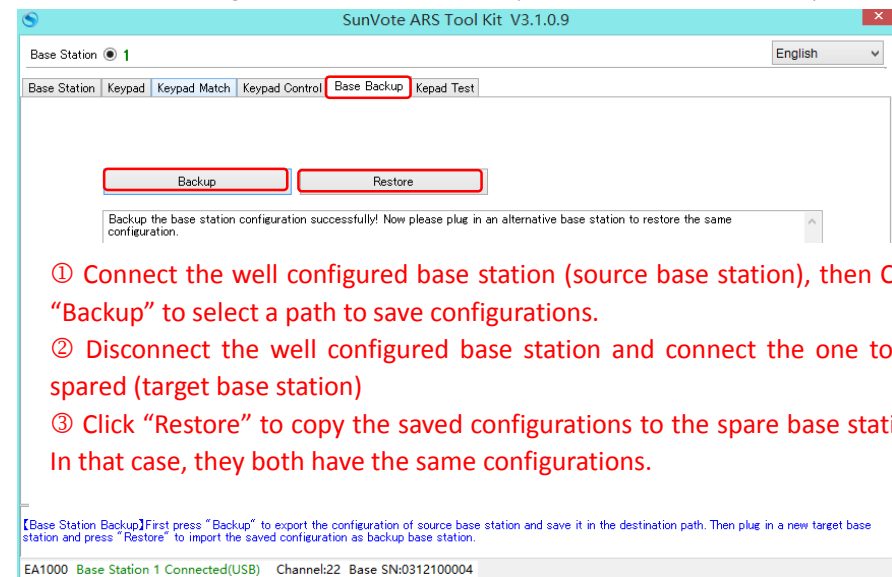**② Stop Match.** Click [Stop] when match is finished.



## 4. Keypad Control

Set keypad off time, LCD backlight and buzz mode via base station.



## 5. Base Backup

Use this function to make a spare base station for a well configured one to avoid a sudden hardware fault during a conference. On the top menu, click "Base Backup".



① Connect the well configured base station (source base station), then Click "Backup" to select a path to save configurations.
② Disconnect the well configured base station and connect the one to be spared (target base station)
③ Click "Restore" to copy the saved configurations to the spare base station. In that case, they both have the same configurations.

## 6. Keypad Test

Use this function for Keypad online status testing, showing battery status and communication testing.



① Set keypad type and ID scope.
② Click "Start" when all the matched keypads are on.
③ Check the keypad test result. Click "Stop" before exit.

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