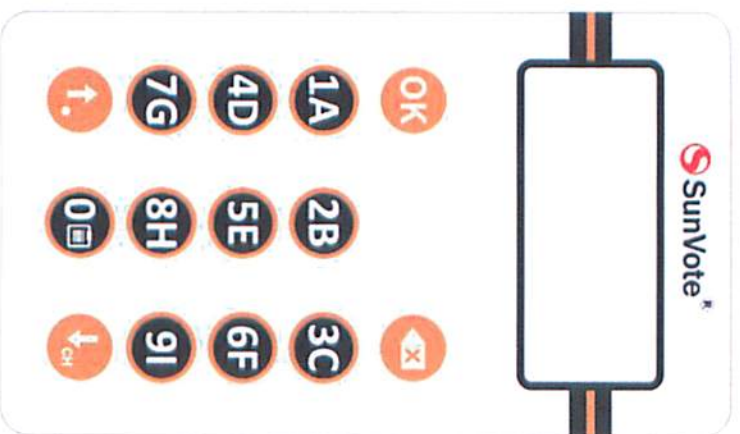




Easy Use



Quick



Innovative

SunVote®
中天电子

S52-2.4G Keypad User Manual

2016/06/20

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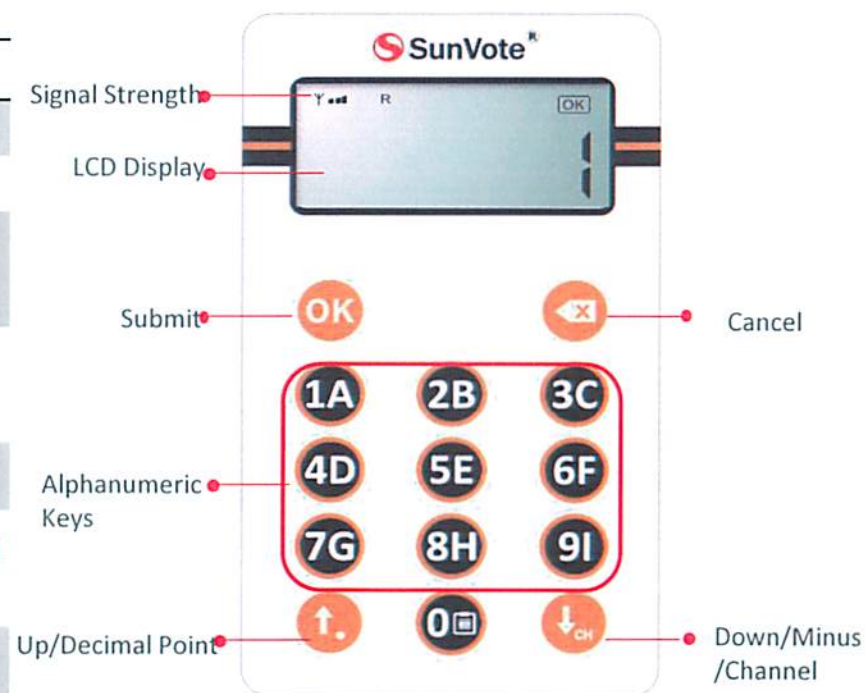
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1- Appearance Description

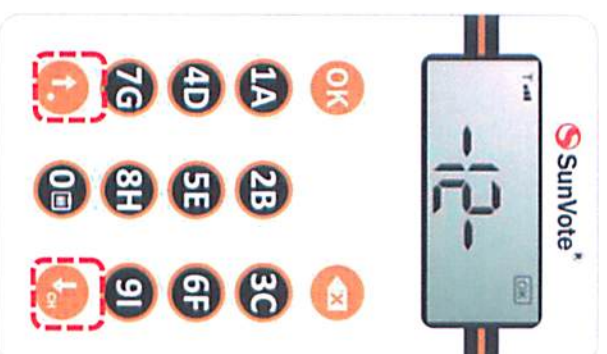
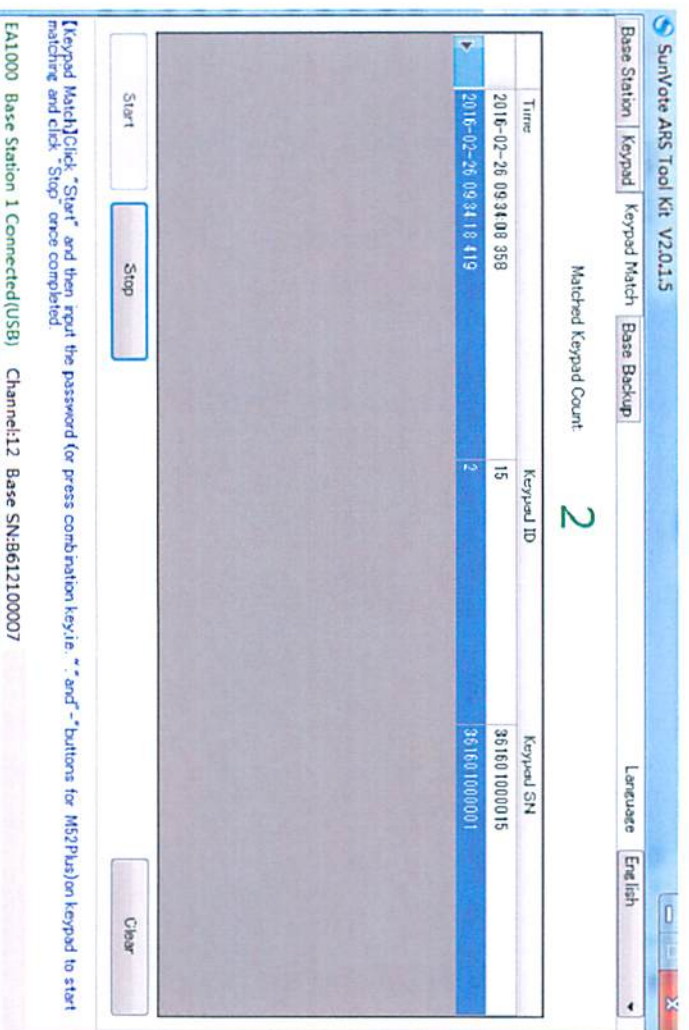
Model	S52Plus
Power On	Press any key to power on
Power Off	Long press 【C】
Sign In	Press 【OK】 to sign in, LCD will show "OK" after successful registration
Vote	Press 【1】 【2】 【3】 for yes/no/abstain, and LCD will show "OK" if successfully submit.
Single Choice	Press alphanumeric keys to submit your answer directly
Multiple Choice Sequence	Press alphanumeric keys to select your answer and press 【OK】 to submit
Rush Answer	Press 【OK】 for the fastest response
Others	See voting functions below for examination



4.1.1-System Settings : Keypad Match-Match Mode

【 Why to Match 】 Keypad match is to create communication between keypads and base station, and make sure your system is isolated from other similar systems. Match mode is set by default from factory.

【 How to Match 】 Please firstly install the Tool-SunVote ARS Tool Kit , and then run it , click “KeypadMatch” .



Press **【 ↑. 】** and **【 ↓CH 】** at the same time for 3 seconds

Keypad shows “-Channel-” and “OK”, to indicate successful match

If failed, keypad will return to the last matched channel.
 For end-user, the keypads and base station are matched before delivery.

4.1.2-System Settings : Keypad Match-Free Mode

【 Free Mode】 Keypad is able to communicate with any base station freely by inputting the appropriate channel of the base.

【 How to Set】 Free mode is controlled by base station. However the base is set as **match mode** from factory, we may change it to **free mode** in the Tool-SunVote ARS Tool Kit as shown on the bottom left.



When the base of free mode is online, follow the steps as below to create communication between keypad and base:

Long press **【↓CH】** for 3 seconds, and input the correct channel when “CH” appears on the screen .

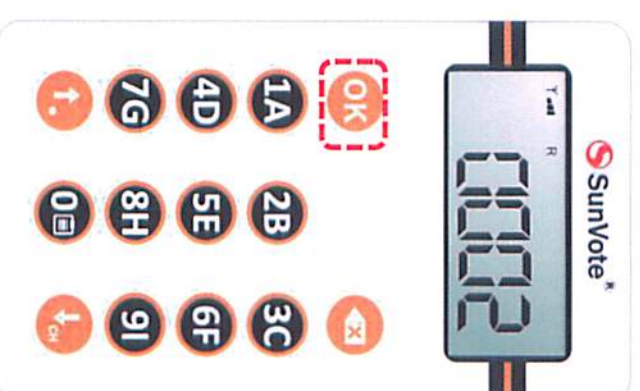
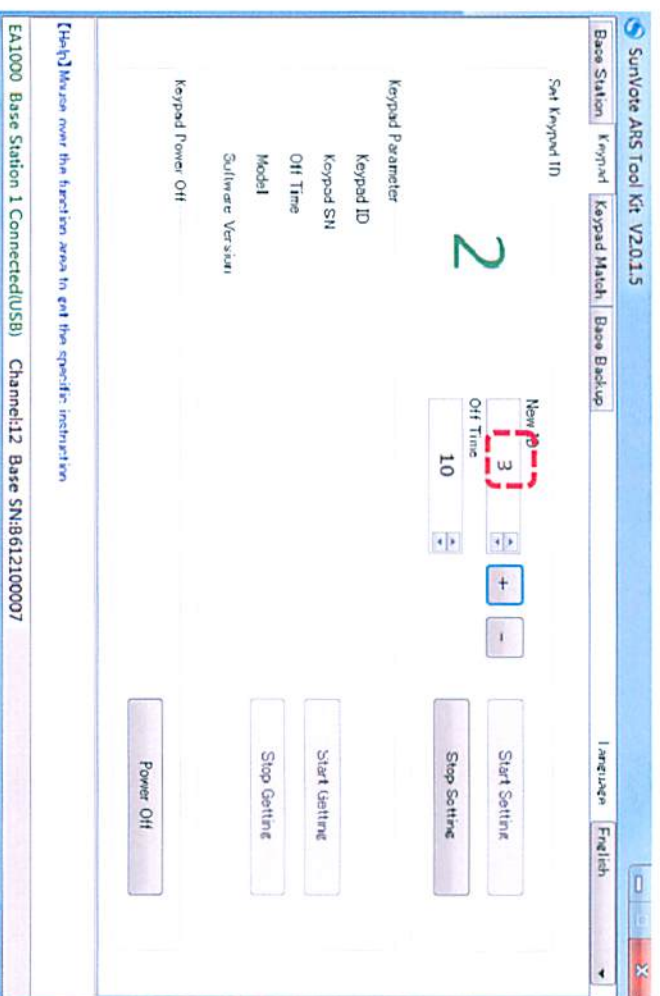
Keypad shows “Channel” and “OK”, to indicate successful match

If failed, keypad will return to the last matched channel.

For end-user, the keypads and base station are matched before delivery.

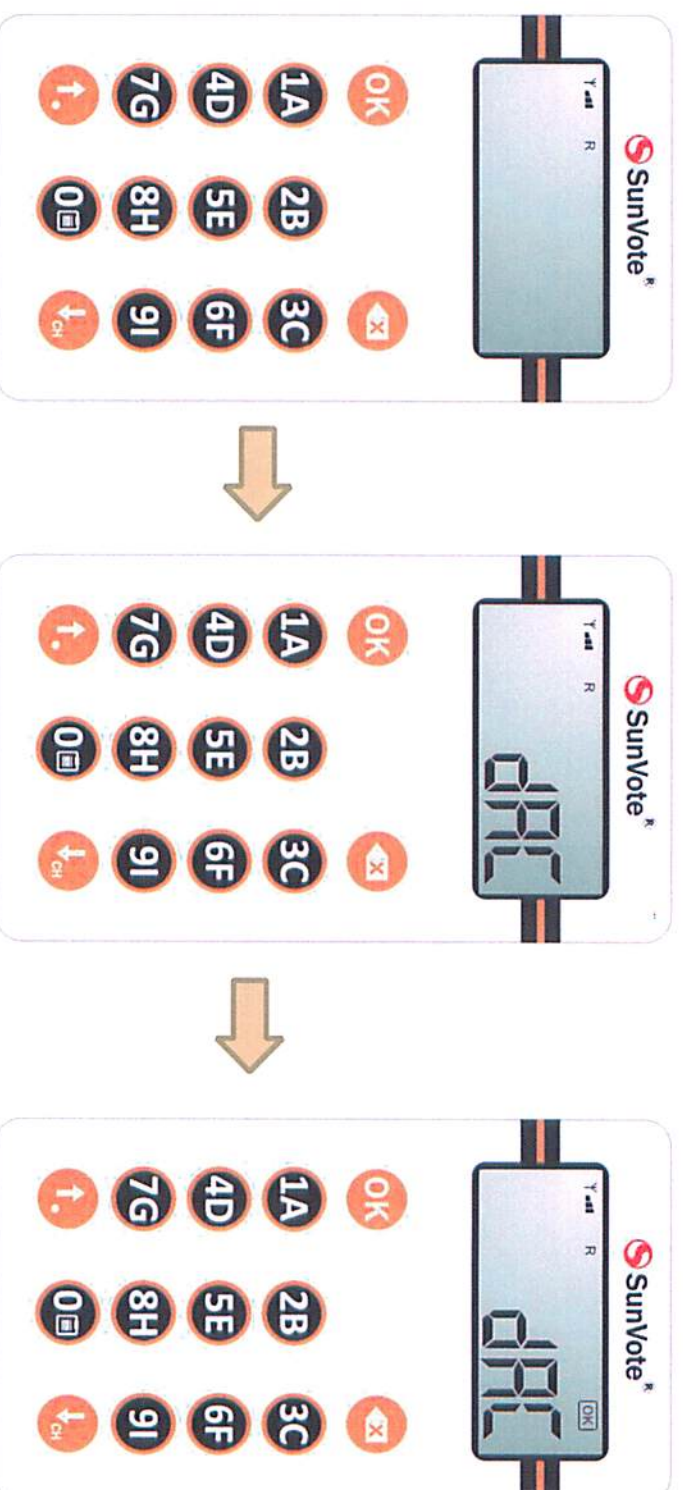
4.2- System Settings: Set ID

[Why to Set ID] Keypad ID is convenient for device management, test and troubleshooting. ID should be unique
[Set Single ID] Open Tool-SunVote ARS Tool Kit, click **start Setting**, and set the initial ID in the Keypad setting window, then press OK on the keypad. if set successfully, the ID number will be indicated on both keypad and toolkit, and the number in Tool-SunVote ARS Tool Kit will add one automatically, so please press another keypad to set its ID in ascending order.



For end-user, ID is set before delivery.

5.5- Voting functions: Sequence

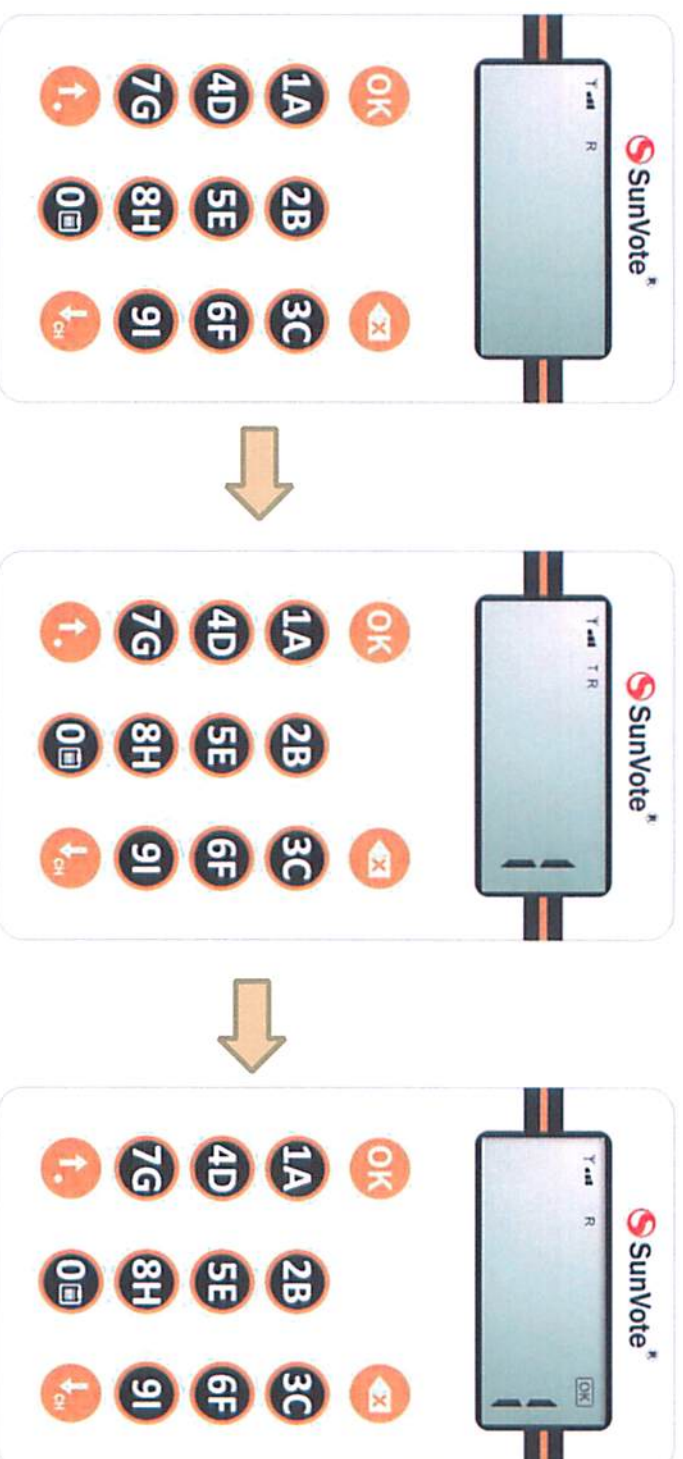


When start **response**, press alphanumeric keys to input your answer and press **【OK】** to submit according to the indication on keypad, and "OK" will be displayed after successfully submitting.

Set the confidential mode in software, and support maximum 10 out of 10 ranking options, and display the last 5 letters only.

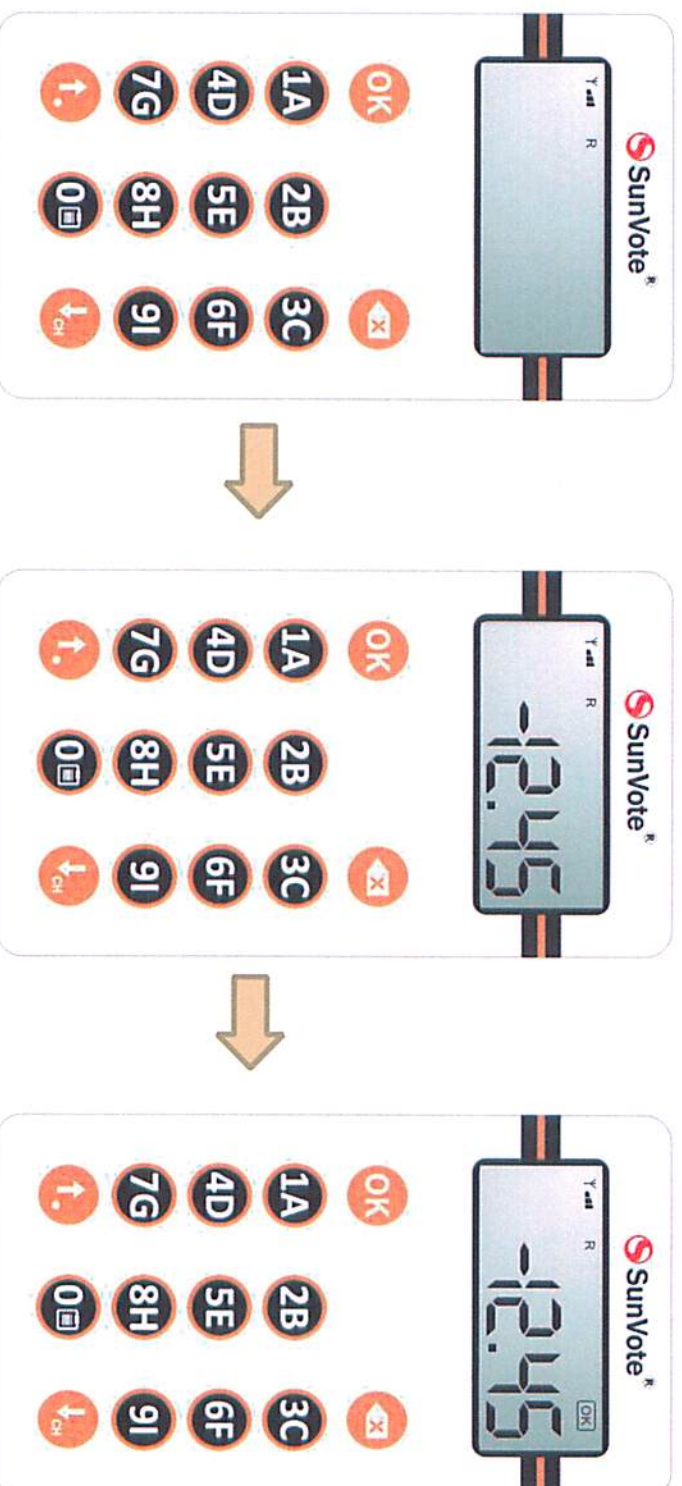
Set submitting mode in software, such as repeated selection (i.e. AAbC).

5.6- Voting functions : Vote



When start Vote, press 【1A】 【2B】 【3C】 (Yes/No/Abstain) to vote according to the indication on keypad, and “OK” will be displayed after successfully submitting.
Set the confidential mode in software.

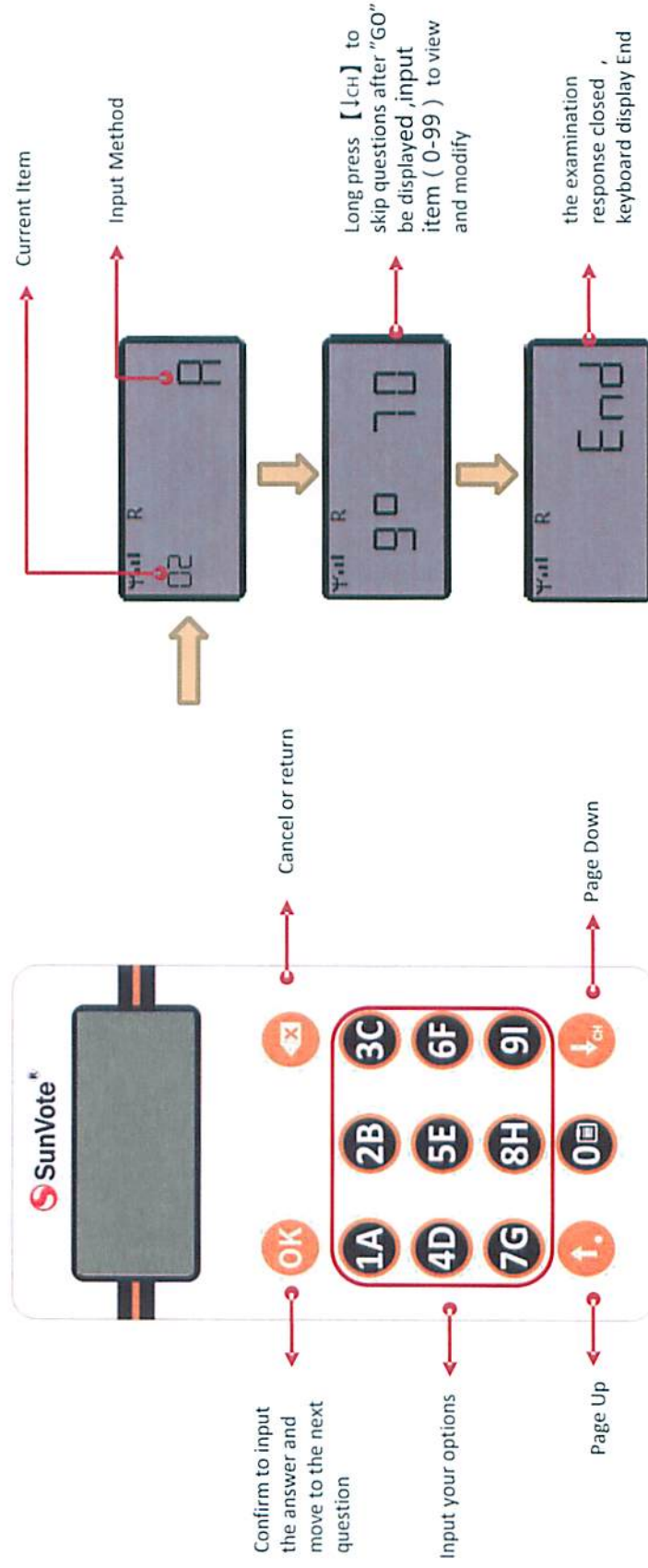
5.7- Voting functions: Numeric



When start **response**, press alphanumeric keys to input your answer and press **【OK】** to submit according to the indication on keypad, and "OK" will be displayed after successfully submitting.
 Set the confidential mode in software, and support maximum 16 characters including decimal point and minus, and display the last 5 digits only.

5.9- Voting functions: Examination

When start examination, press alphanumeric keys to input your answer and SDK will submit your results one by one at once. **press** **【Up/Down】** or Long press **【↓CH】** to Skip questions **to view** or **modify the examination result before response closed** ;The examination supports up to 99 questions (**for single & multiple choice and only**).



FCC Caution.

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

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.

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.

RF warning:

The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

Thank You!

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