



Easy Use



Quick



Innovative



# S50Plus

## Keypad User Manual

2016/05/03

1- Appearance Description

2-Preparation Work

3-System Connection

4-System Settings: Keypad Match, Set ID, Management

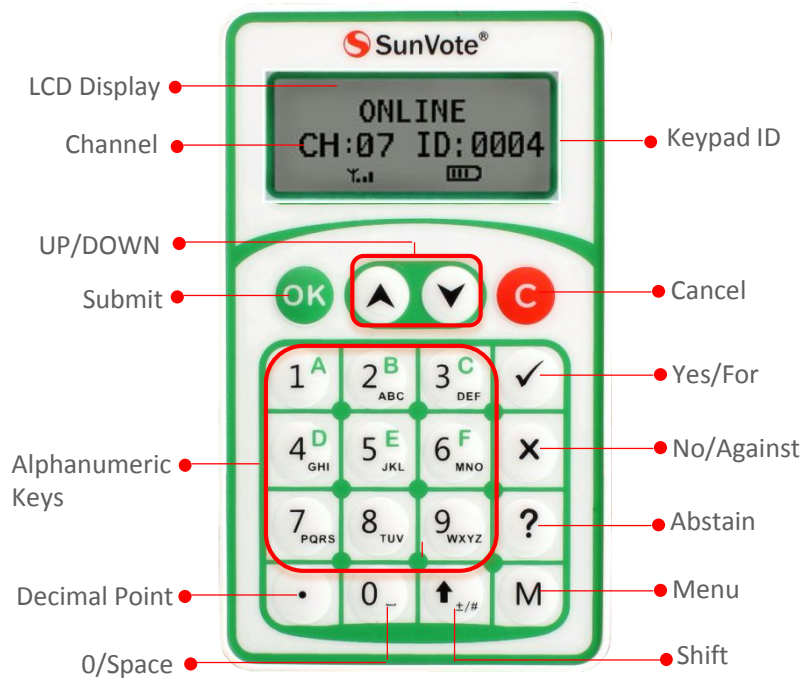
5- Voting Functions: Sign in, Vote, Judge, Choice, Sequence, Numeric/Score, Rush

Answer , Text, Message , Examination, Homework

6-FAQ & Notes

# 1- Appearance Description

Model	S50Plus
Power On	Press anykey to power on
Power Off	Long press <b>【C】</b> to turn it off, shutdown after offline for 1 minutes
Sign In/U-ID Sign In	Press <b>【OK】</b> to sign in or input numbers according to the indication on keypad and press <b>【OK】</b> to sign in , LCD will show “Sign In OK ” after successful registration
Login sign in	Input student ID according to the indication on keypad and press <b>【OK】</b> to sign in
Vote	Press <b>【v】 【X】 【?】</b> for yes/no/abstain, and LCD will show “Received” if successfully submit.
Judge	Press <b>【v】 / 【X】</b> for yes/no or true/false
Single Choice	Press alphanumeric keys to submit your answer directly
Multiple Choice Sequence Numeric/Score	Press alphanumeric keys to select your answer and press <b>【OK】</b> to submit
Rush Answer	Press <b>【OK】</b> for the fastest response
Others	See voting functions below for Text , Message ,examination and homework

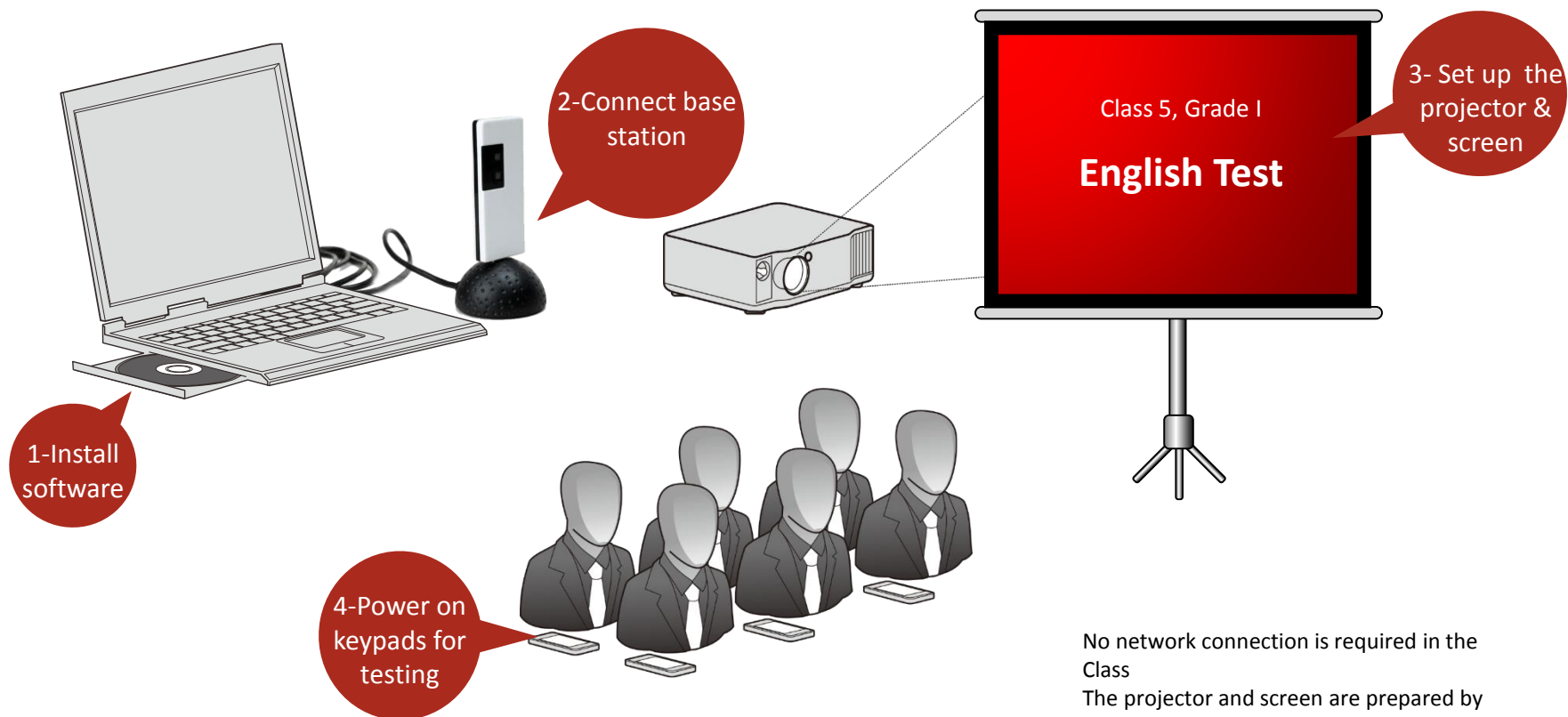


## 2-Preparation Work

Please check the keypad batteries before use. If battery is low (e.g. it prompts in red to indicate weak battery by keypad test in the software), please change new CR2032 batteries.



# 3-System Connection

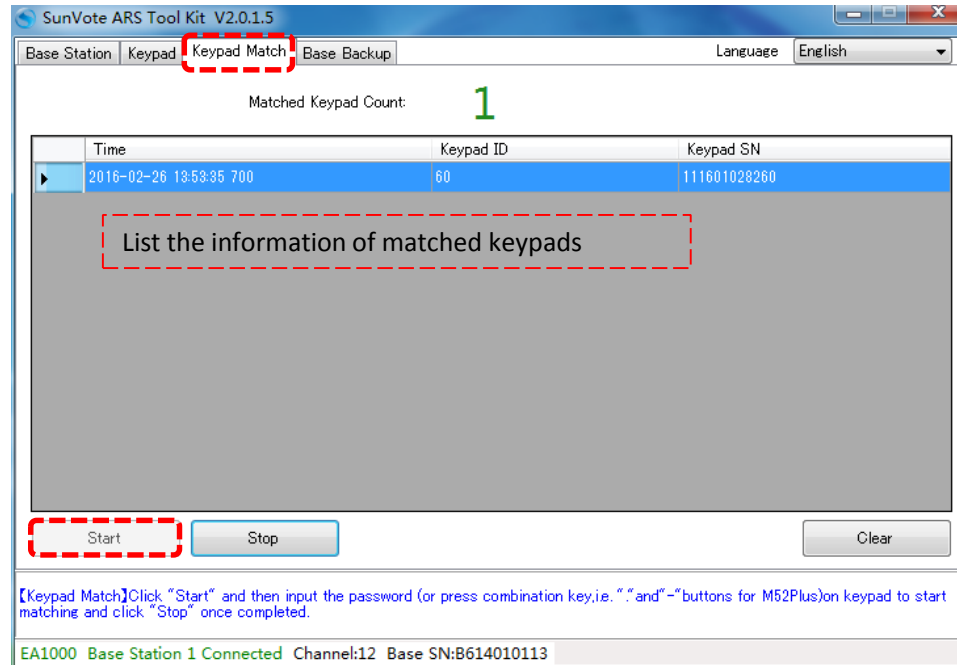


No network connection is required in the Class  
The projector and screen are prepared by users.

## 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 run **SunVote ARS Tool Kit** , go to **Keypad Match** and click “**Start**” after the base is connected.



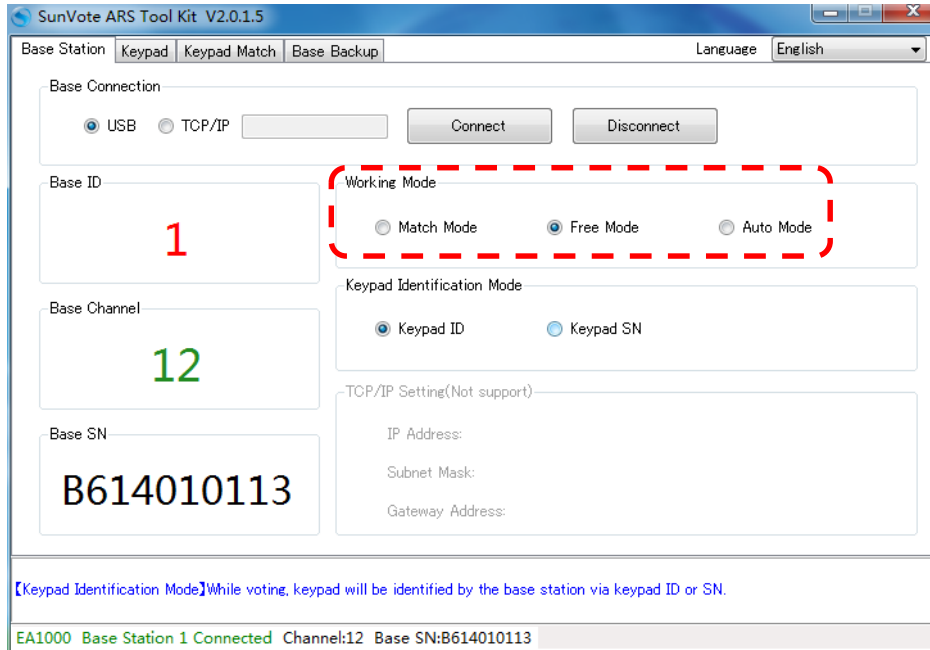
Press 【.】 and 【M】 at the same time for 3 seconds to match

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.

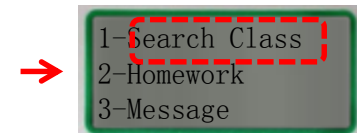
【 **How to Set** 】 Free mode is controlled by base station. However the base is set as **match mode** from factory, we may change it to **free mode** in the Tool-SunVote ARS Tool Kit as shown on the bottom left.



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

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

Press 【M】 and 【1】 ,input the correct channel when “Channel : ” appears on the screen , then press 【OK】 to match . Keypad shows “CH : XX” and ” Matched ” ,to indicate successful match



### 4.1.3-System Settings : Keypad Match-Shift Match Mode

**【 How to Shift 】** Input 00 on keypad in free mode to change back to previous match mode. It's suitable for students who may have class in different classrooms.

Follow the steps below to shift from free mode back to match mode



Press 【M】

1-Search Class  
2-Homework  
3-Message

Select 1 to show

Channel:  
00

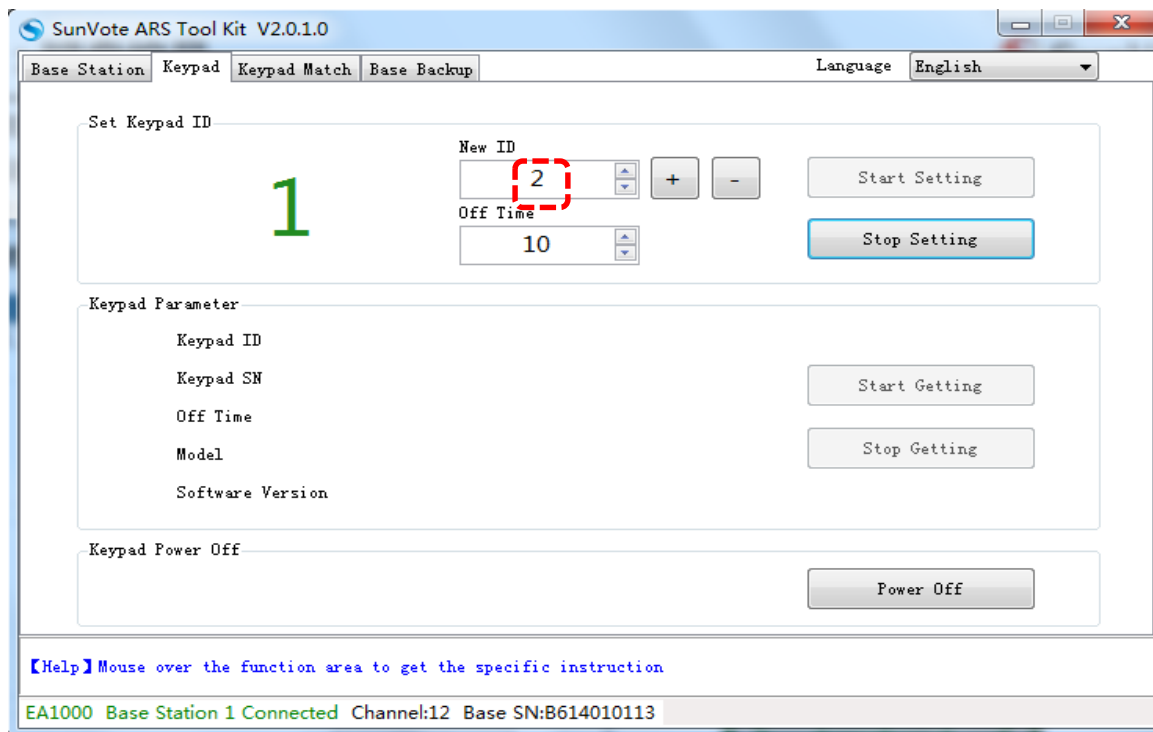
Input channel:00 and press 【OK】 to change

ONLINE  
CH:07 ID:0004

## 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.

## 4.3-System Settings: Management

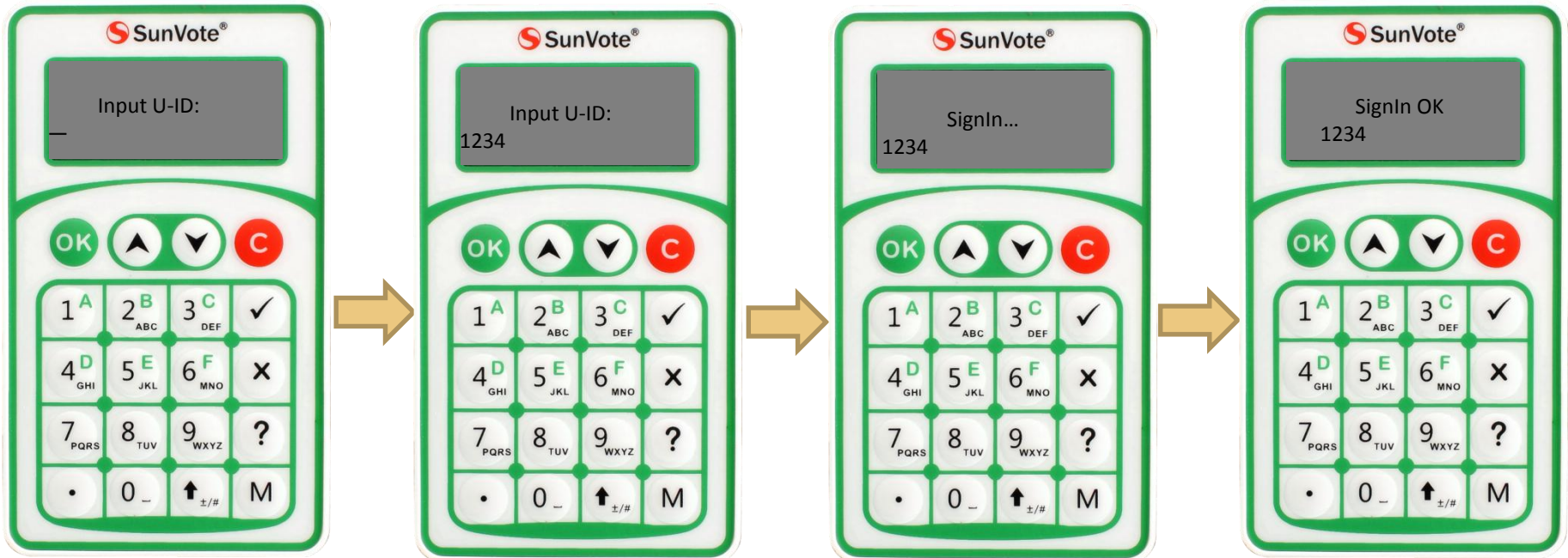
1. **Language** : Support Chinese-English shift. Use software to Set ;
2. **Modification Mode** : Use software to allow or not allow to modify the answer. Press **【C】** to modify after submitting under modifiable mode. Press the appropriate functional buttons to resubmit directly for single choice/judge and vote;
3. **Confidential Mode** : Use software to enable or disable the confidential mode . Once enabled, LCD will only show “Received” without the exact voting value (i.e.. Yes/No/Abstain) for confidence ;
4. **Submitting Mode** : Use software to allow or not allow to submit less than the selectable options. Eg.: if the answer of a multiple choice is ABC, you may submit AC if it’s allowed; otherwise, only the answer with 3 options like BCD is acceptable ;
5. **Right or Wrong Notification with/without Correct Answer**: Set it in software to notify right or wrong with /without correct answer on keypad for choice, true or false, sequence and vote only ;
6. **Download Answer** : Set it in software to download answers on keypad for examination and homework only ;
7. **Identification Mode**: Each keypad has a unique and inalterable 12-digit serial number. Set it in software or Tool-SunVote ARS Tool Kit to identify keypad by SN/ID. If set as SN mode, the keypad SN will show in software when polling.

## 5.1- Voting functions : Sign in



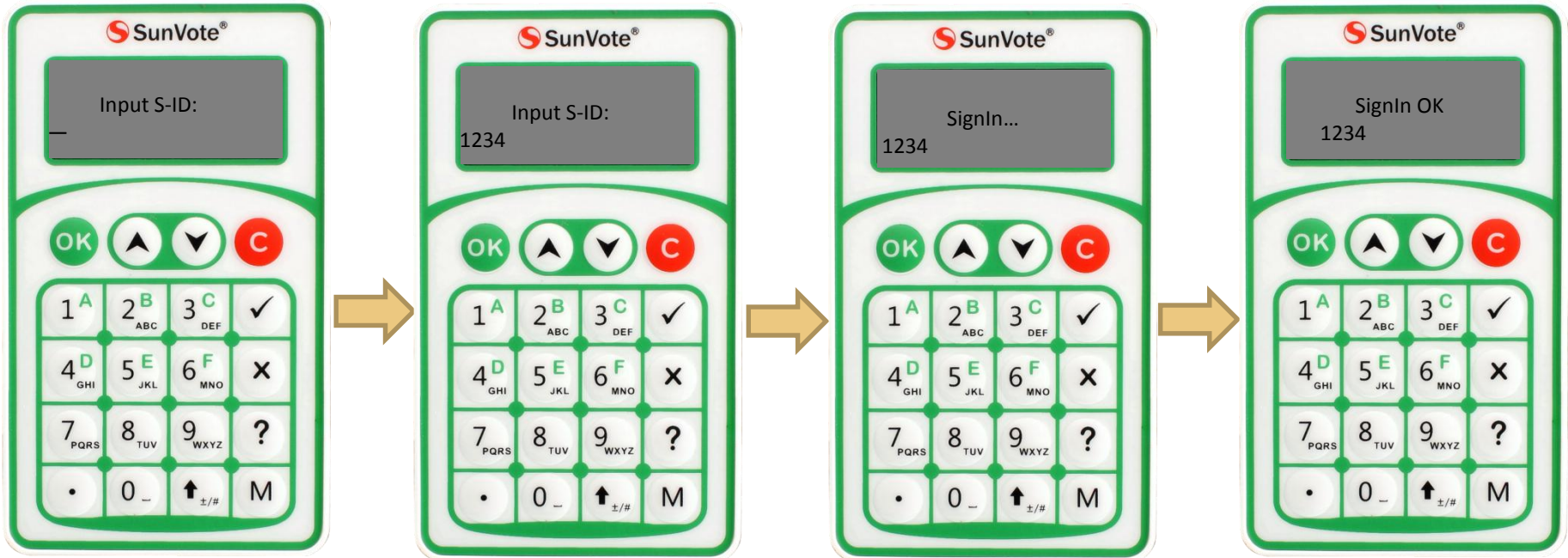
When start **Sign in**, press **【OK】** to sign in according to the indication on keypad and "signIn OK" will be displayed after successfully submitting.

## 5.2- Voting functions : User-ID



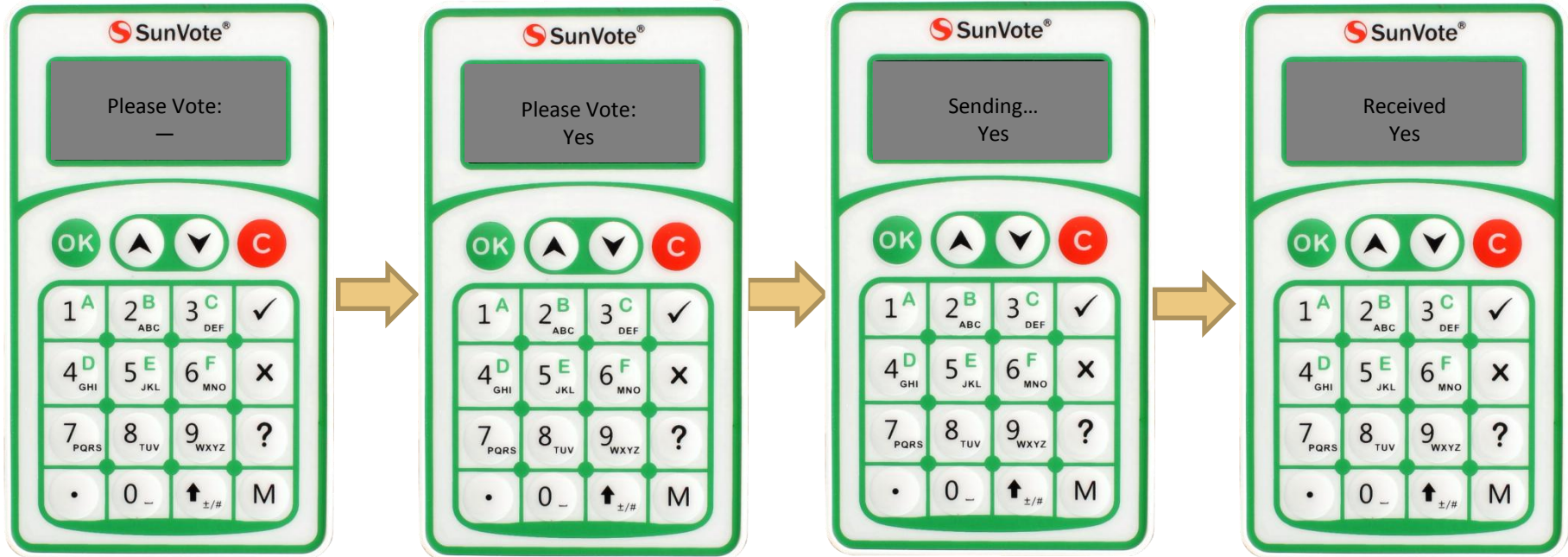
When start **Sign in**, input numbers according to the indication on keypad and press **【OK】** to sign in. "SignIn OK" will be displayed after successfully submitting. (Max 16 digital characters for ID mode, Max 12 digital characters for SN mode); User-ID is a group of specific numbers to bond the randomly distributed keypad with the user, such as student ID or Staff ID.

## 5.3- Voting functions : **Login Sign in**



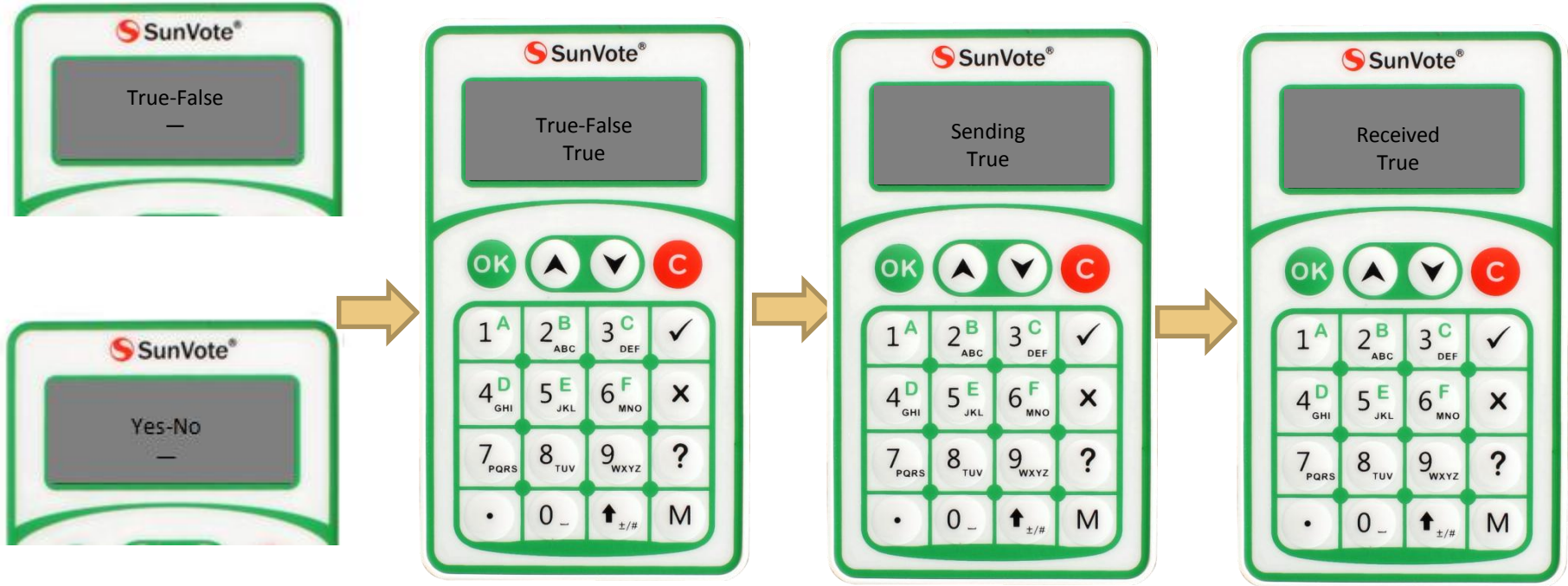
When start **Login Sign in**, input Student ID numbers according to the indication on keypad and press **【OK】** to sign in. "SignIn Ok" will be displayed after successfully submitting. (Max 16 digital characters for ID mode , Max 12 digital characters for SN mode);

## 5.4- Voting functions : Vote



When start **Vote**, press **【v】** **【X】** **【?】** [**Yes(For)/No(Against)/Abstain**)] to vote according to the indication on keypad, and **“Received”** will be displayed after successfully submitting.  
Set the confidential mode in software.

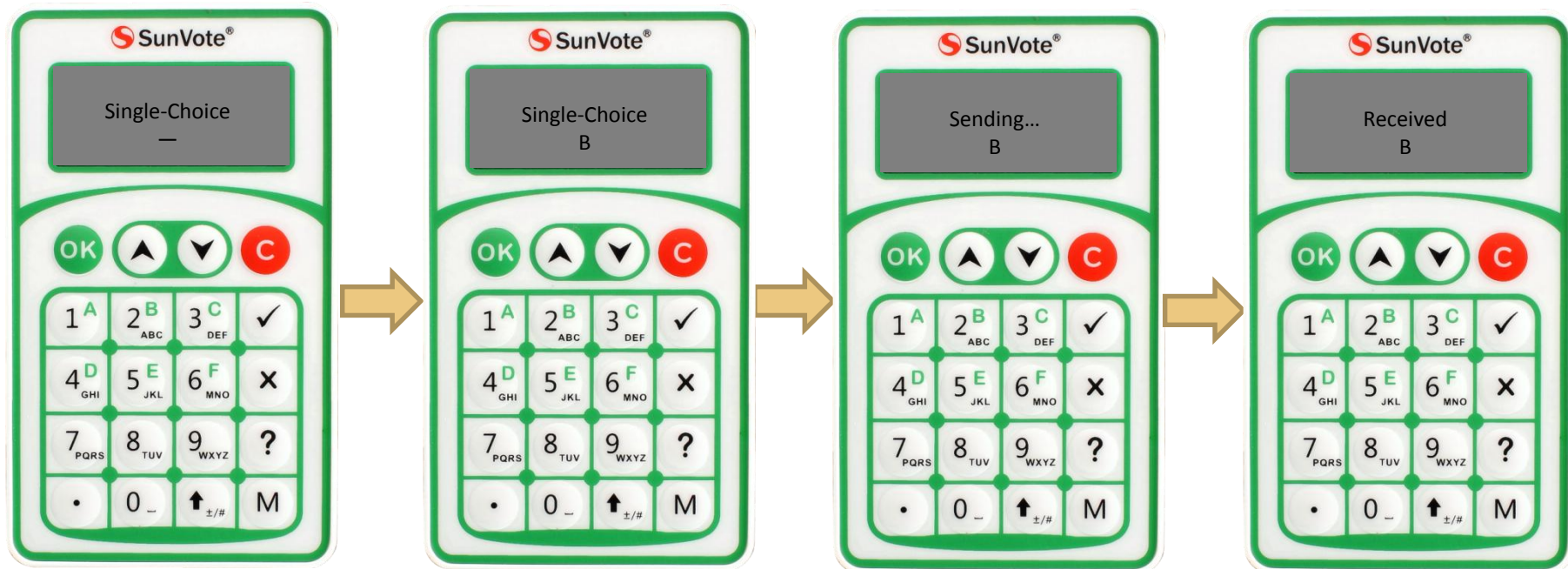
## 5.5- Voting functions: Judge



When start **Judge**, press **[V]** / **[X]** to submit according to the indication on keypad, and **"Received"** will be displayed after successfully submitting.

Set the confidential mode in software, and support two modes: True/False & Yes/No.

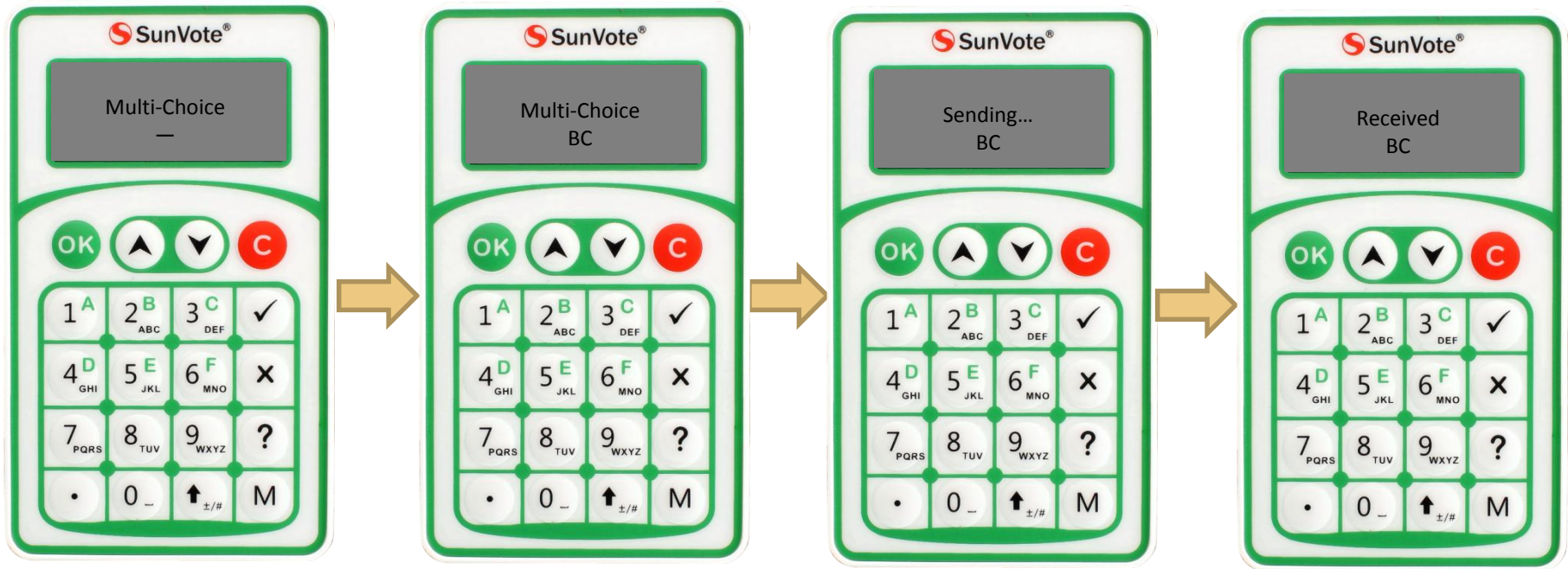
## 5.6- Voting functions: Single Choice



When start **response**, press alphanumeric keys to submit according to the indication on keypad, and "**Received**" will be displayed after successfully submitting.

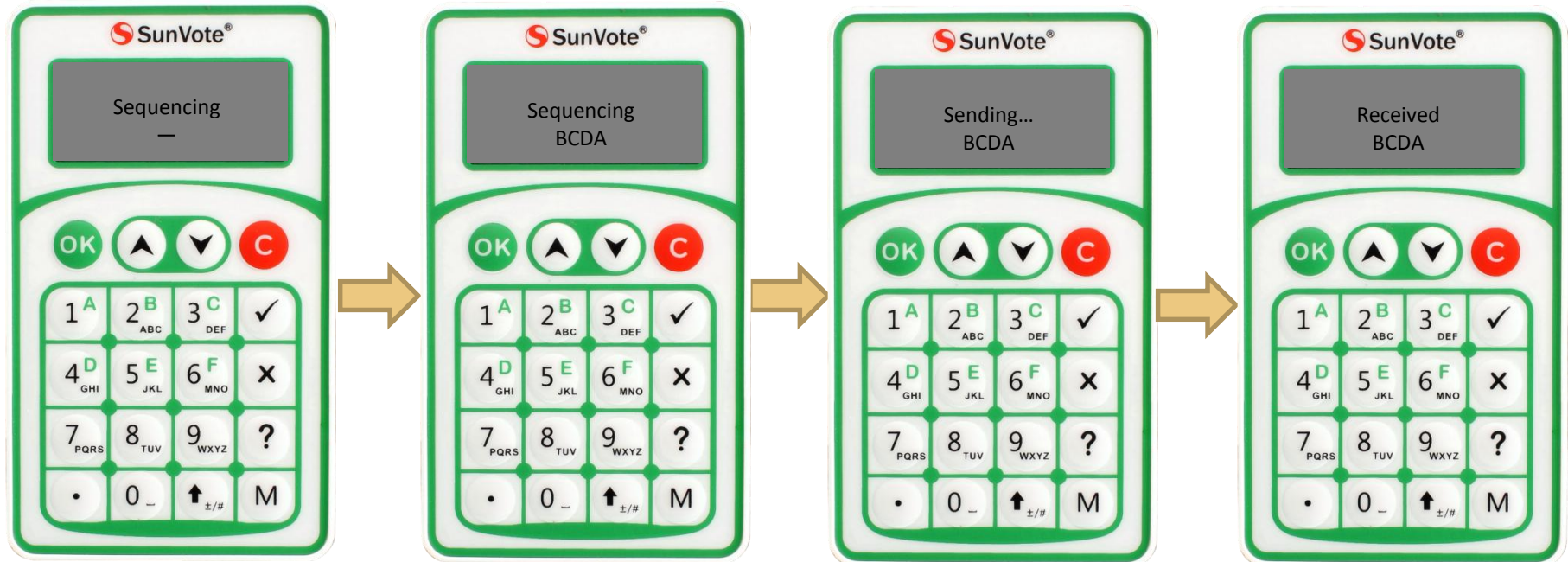
Set the confidential mode in software, and support 1 out of 10 options.

## 5.7- Voting functions: Multiple Choice



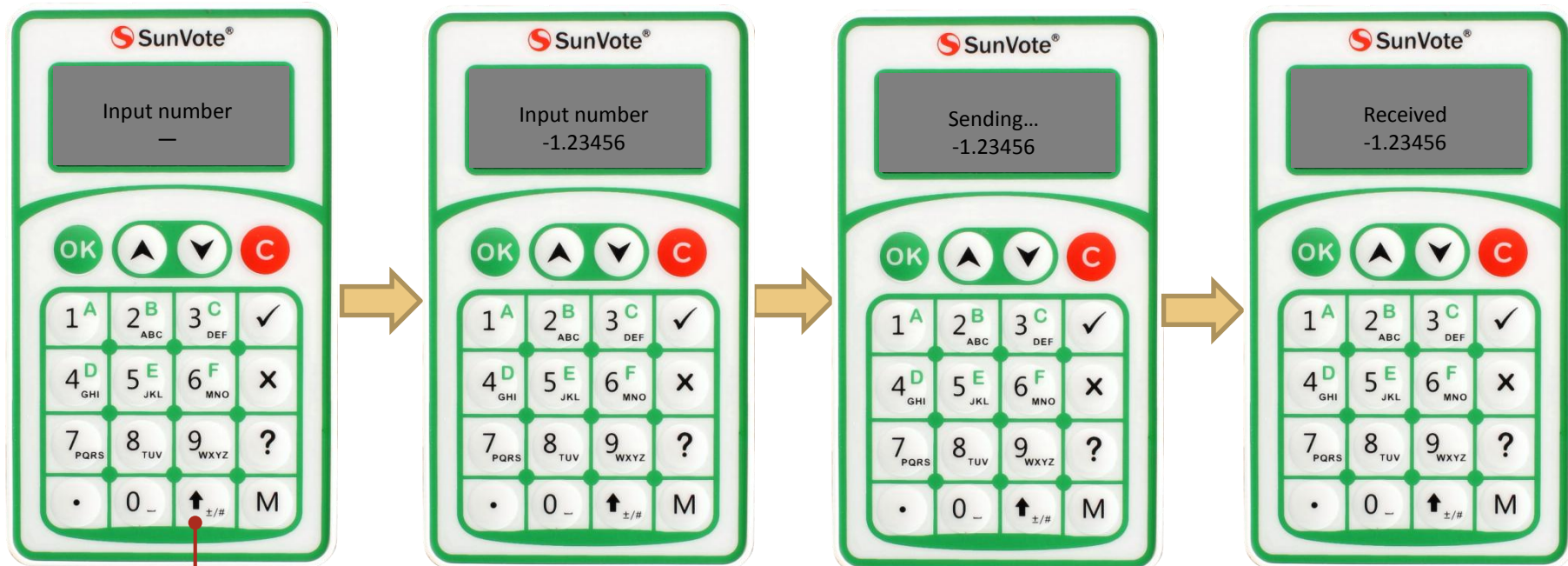
When start **response**, press alphanumeric keys to input your answer and press **【OK】** to submit according to the indication on keypad, and **“Received”** will be displayed after successfully submitting.  
Set the confidential mode in software, and support maximum 10 out of 10 options.


## 5.8- 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 **“Received”** will be displayed after successfully submitting.  
Set the confidential mode in software, and support maximum 10 out of 10 ranking options.  
Set the submitting mode in software , such as repeated selection ( i.e. AABC).

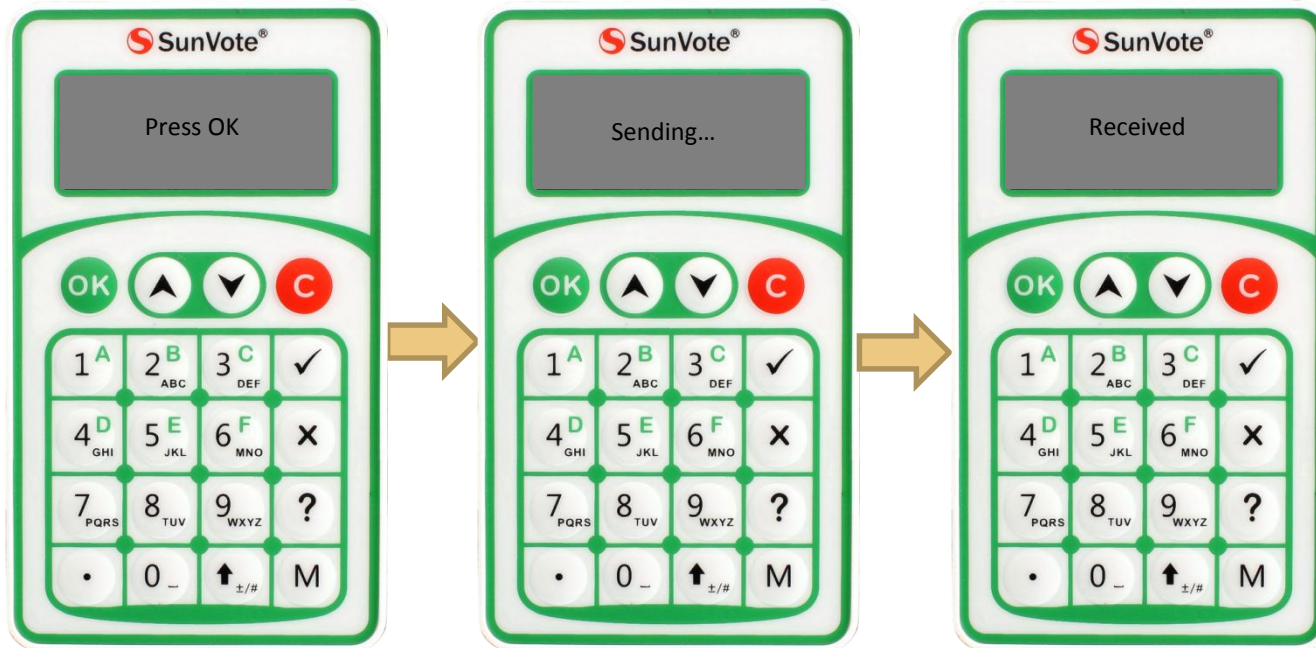
## 5.9- Voting functions: Numeric/Score



press 【 ±/#】  
to input 【-】  
minus sign

When start **response**, press alphanumeric keys to input your answer and press 【OK】 to submit according to the indication on keypad, and “**Received**” will be displayed after successfully submitting.  
Set the confidential mode in software, (Max 16 characters including decimal point and special characters for ID mode , Max 14 characters including decimal point and special characters for SN mode);

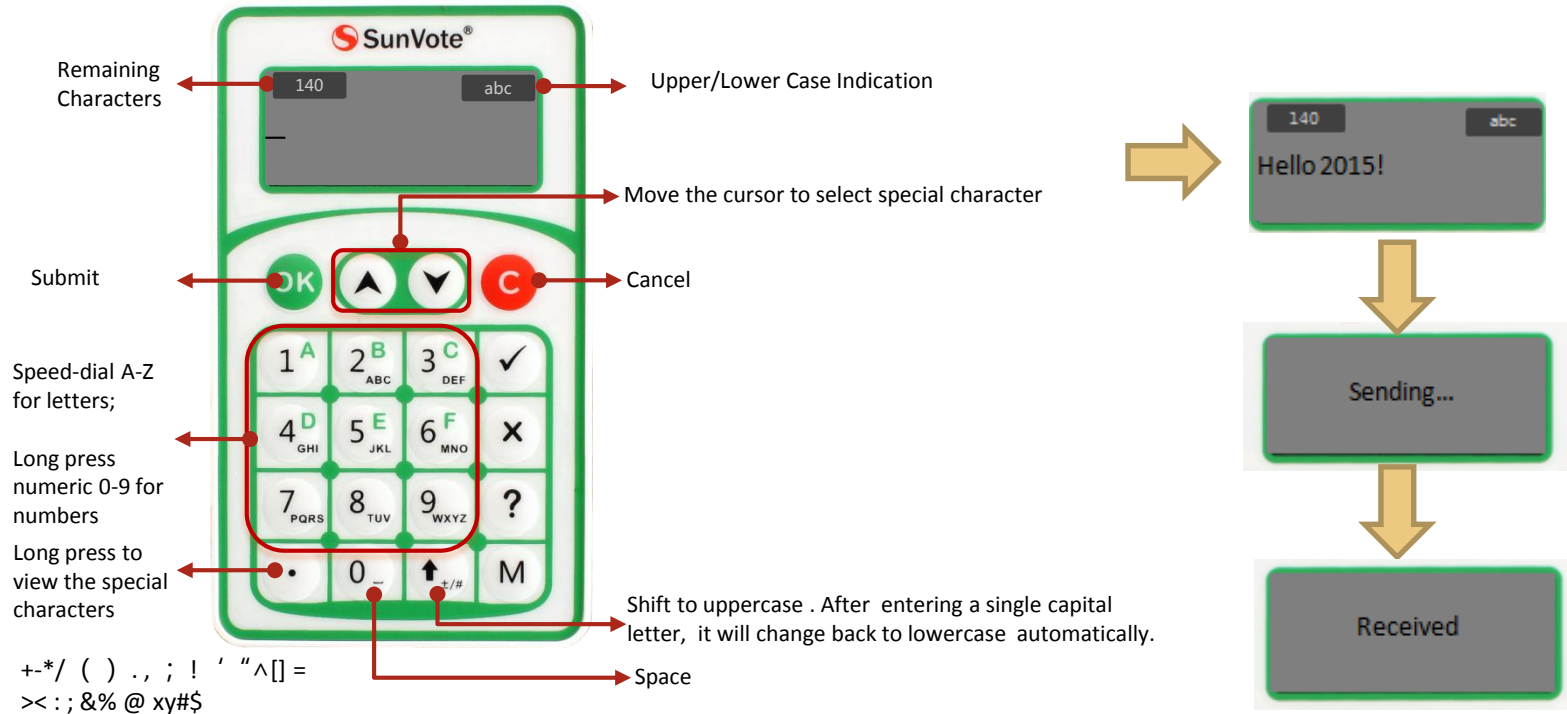
## 5.10- Voting functions: Rush Answer



When start **response**, press **【OK】** for fastest response, and **“Received”** will be displayed after successfully submitting.

## 5.11- Voting functions: Text

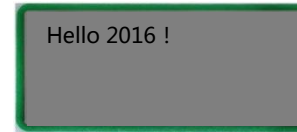
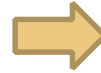
When start **response**, input your answer as indicated, and **“Received”** will be displayed after successfully submitting;  
Support 26 case-sensitive alphabets, numbers , special characters and space, and max support 140 characters.



## 5.12- Voting functions: Message

Start **response** to send your message as indicated to the appointed keypad , Press 【M】 and 【3】 to check the message;

Support 26 case-sensitive alphabets, numbers , special characters and space, and max support 140 characters.



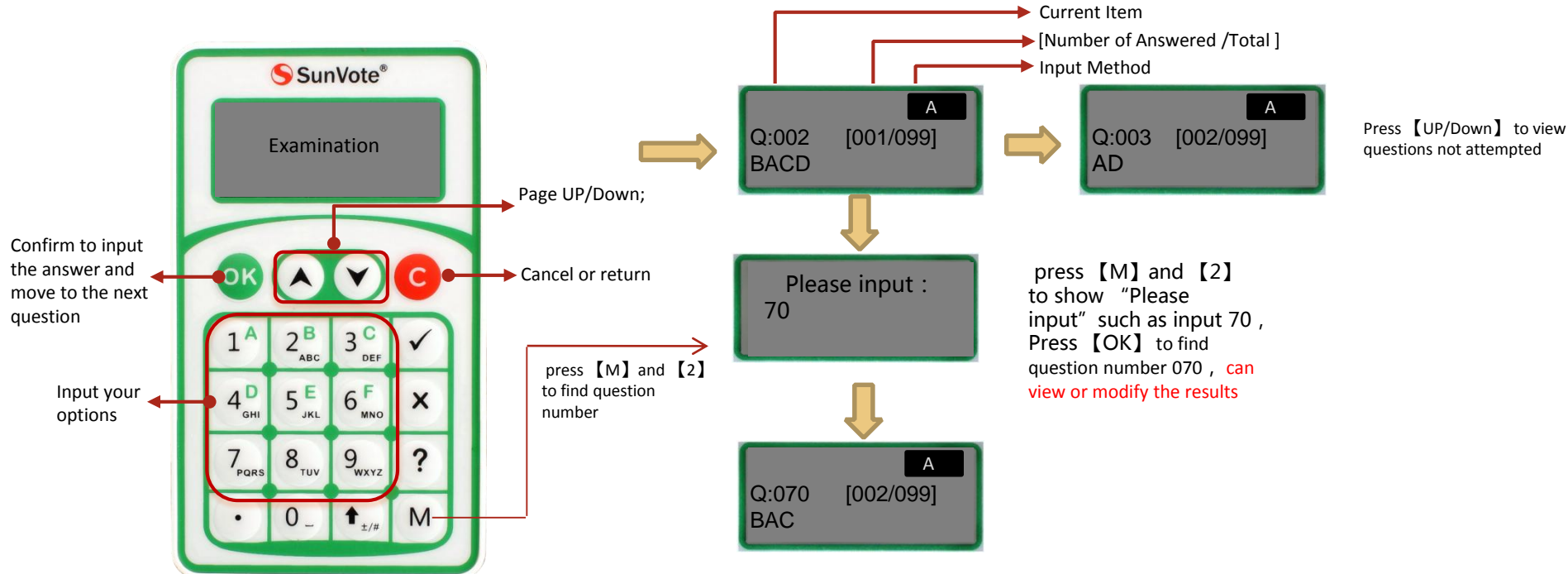
special characters:

+ - \* / ( ) . , ; ! ' " ^ []  
= > < : ; & % @ xy # \$

press 【M】 and 【3】 to  
check message

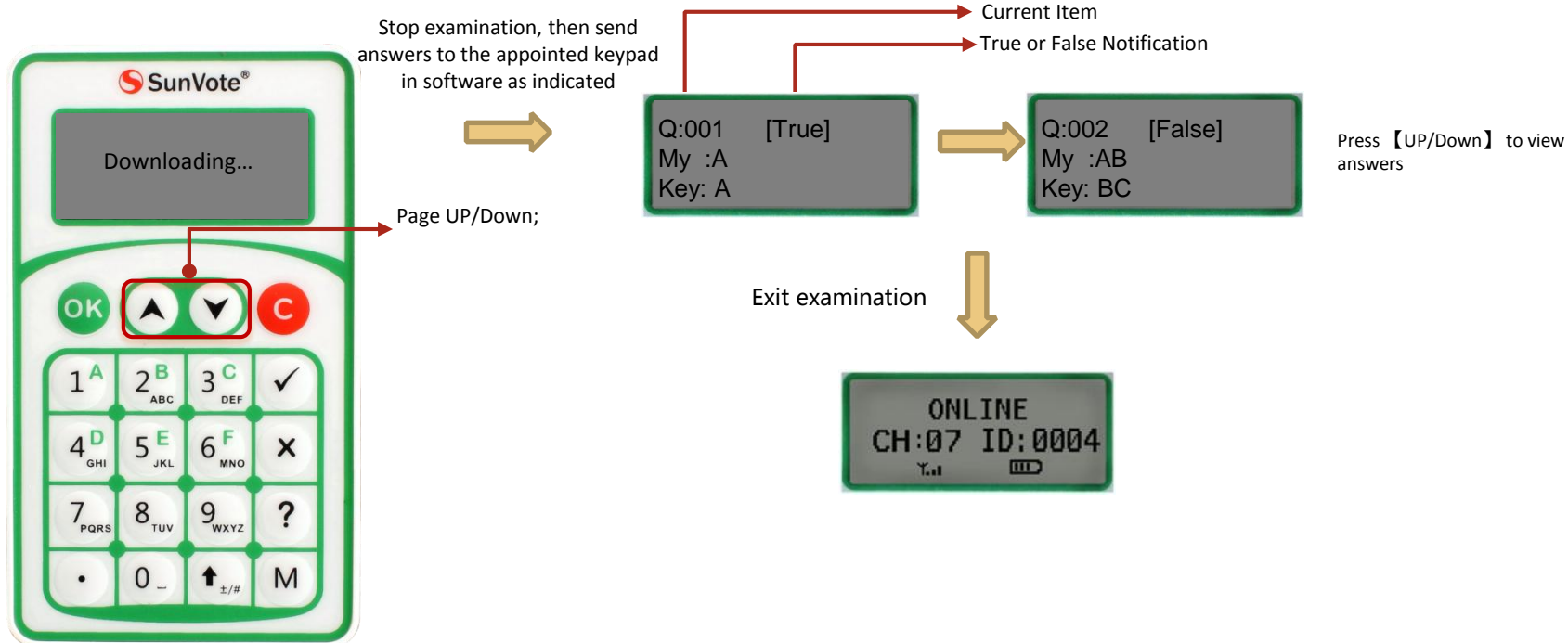
## 5.13.1- Voting functions: Examination

When start examination, press alphanumeric keys to input your answer and keypad will submit your results when move to the next question . **press [Up/Down ] or press [M] and [2] to input find question to view or modify the examination result before response closed ;**The examination supports up to 99 questions ( for single & multiple choice only ) .



## 5.13.2- Voting functions: Download Examination Answer

Stop examination, then send answers to the appointed keypad in software as indicated ;  
The answer screen will notify true or false with /without correct answer on keypad ;  
Press 【UP/Down】 to view answers ; Exit examination, and keypad will return to the main interface

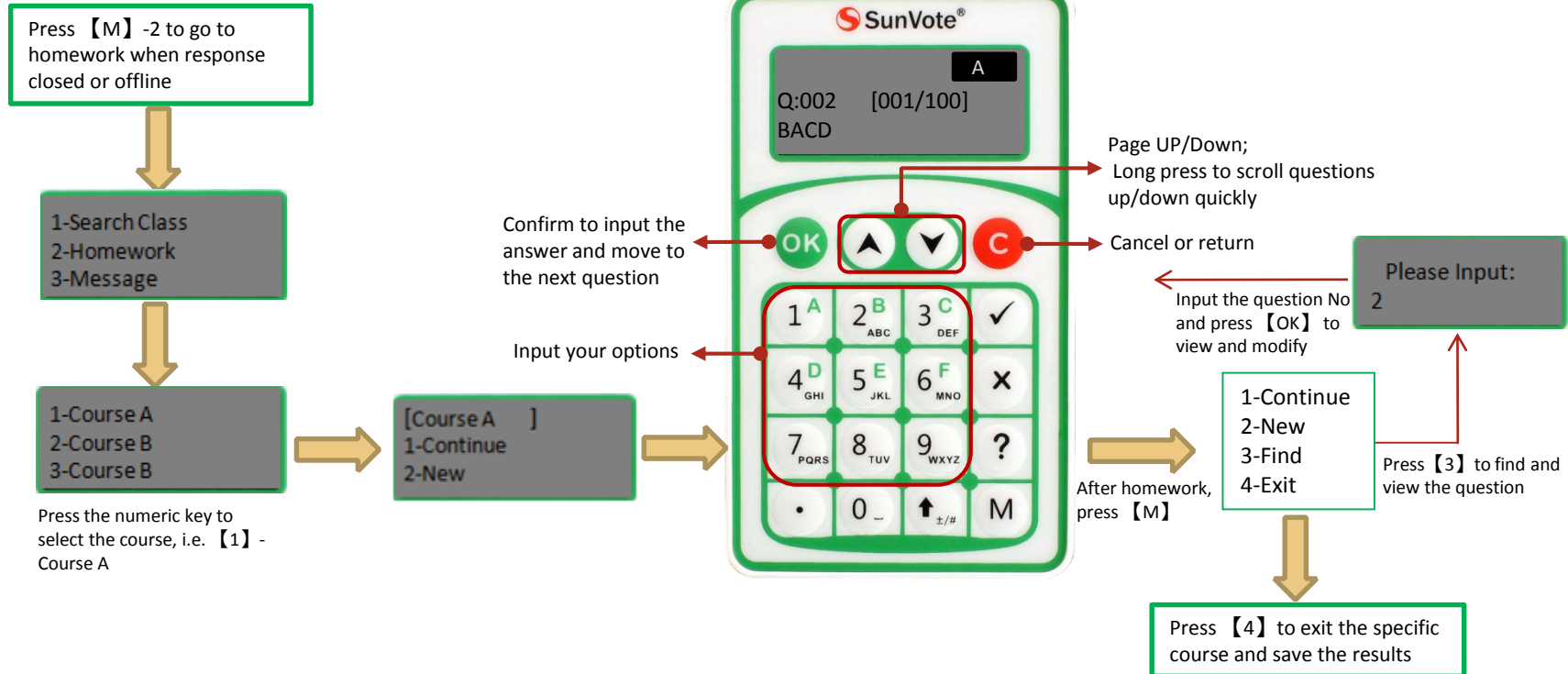


## 5.14.1- Voting functions: Homework-Answer Offline

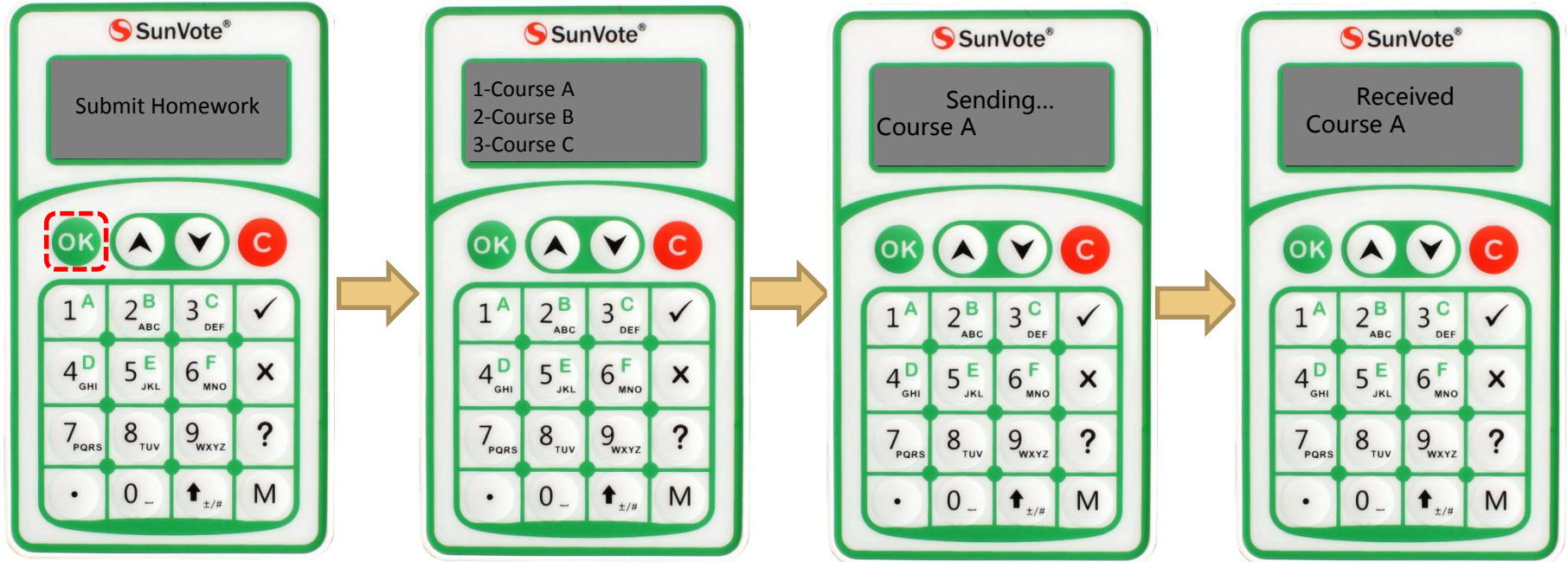
Input your answer offline and save them automatically on keypad.

Support up to 9 courses of homework with 100 questions of single/multiple choice and sequence questions for each course.

When response closed, press **[M]** and **[2]** to go to homework and select the course. After finishing a course, press **[M]** and **[4]** to exit and save your results automatically.

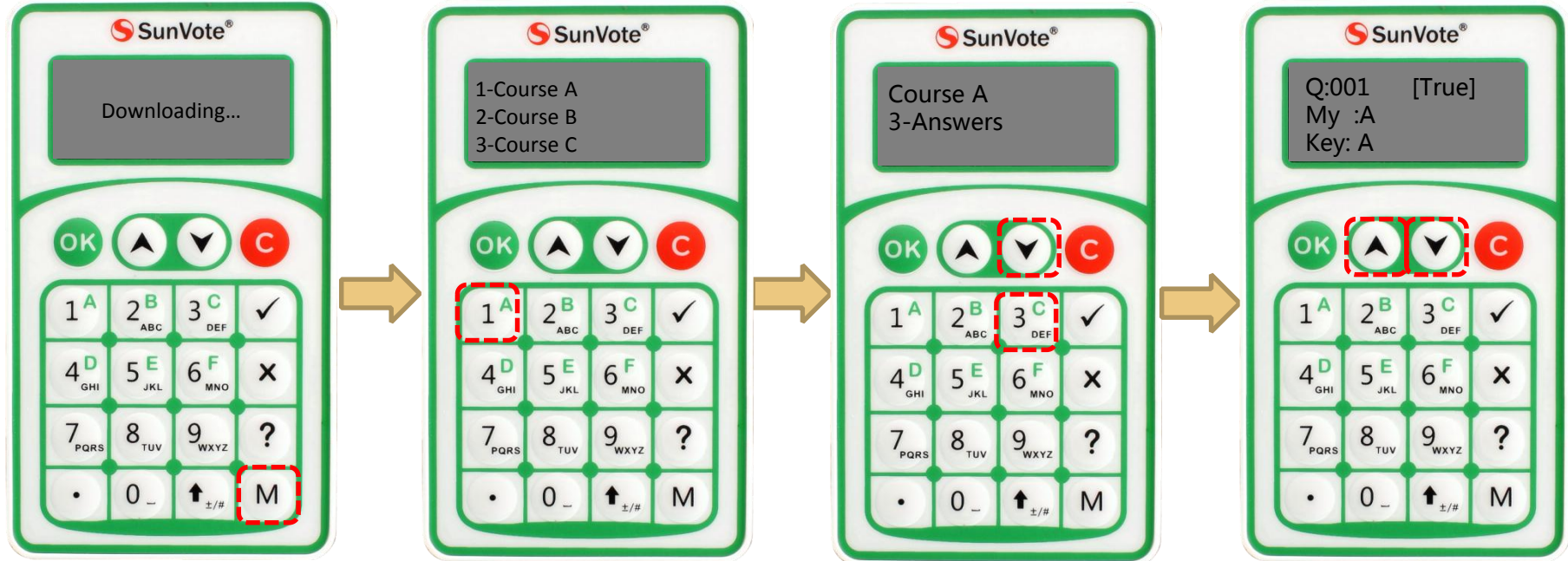


## 5.14.2- Voting functions: Homework-Submit Online



Start collecting homework via software when keypads are online. Or press OK to select the course and manually submit your homework as per indication above. **"Received"** will be displayed after successfully submitting.

### 5.14.3- Voting functions: Homework-Download Answer Online



Send answers of specified course via software when keypads are online. Then press **【M】** -2 Homework, input numeric keys to go to the course and select 3-Answers, press **【UP/Down】** buttons to view the answers and true or false notification. If you did not send any answers previously, option 3-Answers will not be available.

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.

# Thank You!



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