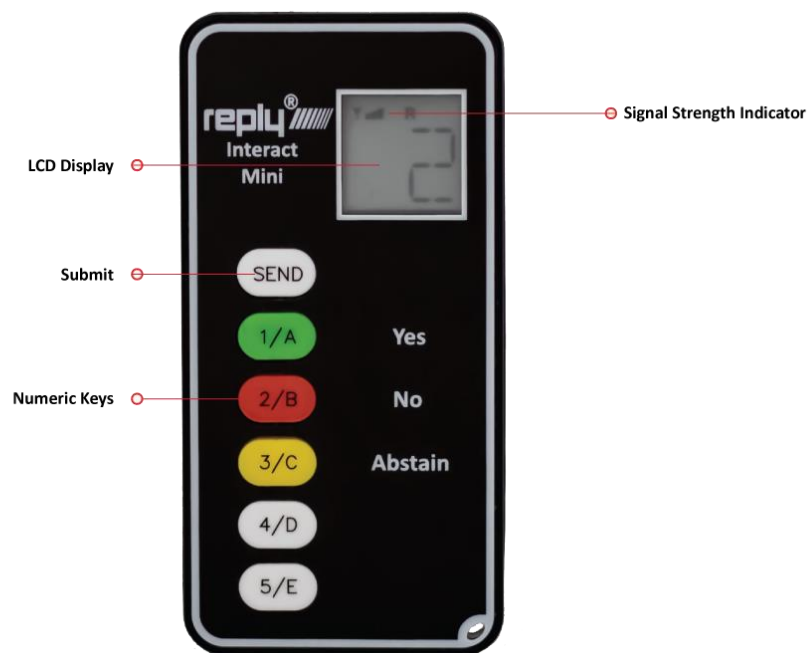


# Reply® Interact Mini: Product Information Sheet



Press on one of the dedicated buttons above to navigate to the desired section

## 1. PRODUCT APPEARANCE



Please note: Available keypad functionality is subject to the functionality provided by the software selected.

## 2. KEYPAD COMPARISON

				
	Interact Mini	Interact	Interact Plus	Interact Pro
3.2.1 Generic Sign In	✓	✓	✓	✓
3.2.2 Unique Sign In	✗	✓	✓	✓
3.3 Single Choice	1 out of 5	✓	✓	✓
3.4 Multiple Choice	5 out of 5	✓	✓	✓
3.5 Judge Y/N/A	✓	✓	✓	✓
3.6 Numeric Input	✗	✓	✓	✓
3.7 Sequence	✗	✓	✓	✓
3.8 Raise Hand	✓	✓	✓	✓
3.9 Texting	✗	✗	✓	✗
3.10 Live Examination	up to 10 questions	✓	✓	✗
3.11 Homework	✗	✗	✓	✗
3.12 Messaging	✗	✗	✓	✓
Batch Voting Y/N/A	✗	✗	✗	✓
Batch Evaluation	✗	✗	✗	✓
Elections	✗	✗	✗	✓

## 3. KEYPAD FUNCTIONS

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### 3.1 TURN ON/OFF:

- Press any key to turn on the keypad
- The Keypad can be turned off through software by the operator or will turn off automatically.

### 3.2 SIGN IN:

#### 1) Generic Sign In

This allows the operator through software to check attendance prior to the meeting.

Sign in is achieved by pressing the **SEND key** when a sign In Question is activated.

### 3.3 SINGLE CHOICE:

- Choose 1 out of maximum 5 possible answers.
- Press an option to submit the desired choice
  - o The software allows for the operator to choose:
    - between Letters and Number
    - to require **SEND** to submit the vote
    - to allow the participant to revise their vote by pressing a new option to overwrite their previous selection

### 3.4 MULTIPLE CHOICE:

- Choose maximum 5 answers out of 5 options
  - o Rule: *Number of answers must be lower or equal to Number of Options and lower or equal to 5*
- Press the Numeric keys to enter the selected options and press **SEND** to submit all choices.
- The software allows for the operator to choose:
  - o To show Letters or Numbers in the Display
  - o to allow the participant to revise their vote by pressing a new option or series of options to overwrite their previous selection/selections
  - o to allow for submitting the vote only, when the minimum number of answers have been selected.

### 3.5 JUDGE MODE (Y/N/A)

- This mode is used for dedicated Yes, No, Abstain Questions.
- The software enables the Operator to choose to allow only Yes and No votes, or Yes, No and Abstain votes.
  - o The user is presses 1 for Yes, 2 for No, 3 for Abstain (optional). The Keypad will display “Y” for Yes, “N” for No and “A” for Abstain
- Operator can choose to require the user to confirm their Vote with **SEND** or, automatically send the vote immediately once the key is pressed.
- Operator can choose to allow the users to revise their vote or not

### 3.6 RAISE HAND

After the vote has been opened, the participants can press **SEND** to raise their hand to answer a question.

### 3.7 LIVE EXAMINATION

With the live examination, the operator can start a **self – paced** questionnaire where the audience can answer up to 10 questions in single choice mode.

- Press the Numeric keys to input the selection (max. 5 options). The Reply Interact Mini will automatically go to the next question until the User reaches the last question and will then jump to the first question again
- Keypad will submit the result when moving to the next question.

## 4. TECHNICAL INFORMATION

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### 4.1 ENCLOSURE

- ✓ Material: ABS plastics
- ✓ Dimensions: 80mm ×40mm × 10mm (L×W×H)
- ✓ Weight: net weight 23g (30g with battery)
- ✓ Color: black

### 4.2 KEYPAD ID

- ✓ Each keypad has a unique ID number between 1 – 9999.
- ✓ The ID number of each keypad is used as its identification evidence when the keypad responds.
- ✓ Support multiple base stations operating at the same place simultaneously without mutual interference in match mode.

#### 4.3 USER INPUT

- ✓ 5 voting response buttons: 1/A~5/E.
- ✓ 1 functional operation buttons: **SEND** for confirmation

#### 4.4 DISPLAY

- ✓ 16 Segment LCD graphic LCD with display dimension: 15mm x 15mm.
- ✓ Able to display: signal strength, channel number, battery status, successful submission.

#### 4.5 COMMUNICATION PARAMETER

- ✓ Specific communication protocol:
- ✓ Once the base station successfully received the response data, it will return confirmation message and indicate it on the keypad.
- ✓ Keypad can auto track and lock the channel of the base station in matching mode.
- ✓ Employs international two way RF 2.4GHz digital communication technology with multiple channels.
- ✓ Channels: 80 channels (the corresponding base station should support with 80 channels), RF power < 1mW (1dBm).
- ✓ Operation distance: reliable operation within 80 meter radius from the base station
- ✓ Speed: 160 keypad data collected within 1 seconds during practical test while working with RPI-1000 base station.

#### 4.6 BATTERY PARAMETER

- ✓ Battery type: use 2 pieces of replaceable button batteries, type CR2032.
- ✓ Battery life (2 batteries, depends on battery quality and brand):
- ✓ 250-hour continuous working time
- ✓ 400 hours stand-by time in theory (online)
  - Six to twelve months' shelf life after shutdown

#### 4.7 ANTI-INTERFERENCE PARAMETER

- ✓ As per test result, the keypads will not be influenced by communication devices such as phones and phone jammers.
- ✓ If the interference signal of 2.4G devices (such as wireless router) is strong, it is useful to adjust the base station channel.

#### 4.8 KEYPAD REMOVAL AND MANAGEMENT

- ✓ The battery cover is equipped with screw hole to meet the requirements of children use.
  - Built-in lanyard hole for optional and fashion lanyard.
  - Optional carry cases.

#### 4.9 PRODUCT PROTECTION

- ✓ Testing through practical drop from 1 meter high as a pass.

### 5. MANAGEMENT FUNCTIONS

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#### 5.1 BASE STATION MODES

- 1) Match Mode (**default**): The keypads will be linked to the base station(s), so the user does not need to change the keypad Channel. When changing the channel on the base station, the keypads will automatically follow.
- 2) Channel Mode: This mode is designed for environments where multiple systems will be used next to each other or one system needs to be divided into multiple rooms. When changing the channel in this mode, the keypads will not follow the channel automatically. The user needs to change the channel by holding the **5-key** for 3 seconds. The user can then select the channel by pressing **1-key** to go up and **2-key** to go down and select the correct channel. Pressing **SEND-key** will try and connect to that base station channel.

#### 5.2 KEYPAD ADDRESS

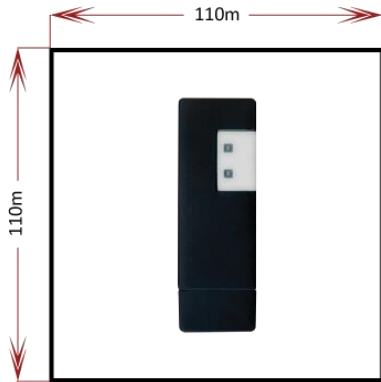
Each keypad has a pre-programmed Address and a unique Serial Number. The Address can only be changed by Software.

#### 5.3 FUNCTIONAL AND BATTERY TEST

The Operator/Software can test the battery and working status of each keypad automatically or simulate an operation.

## 6. SYSTEM STRUCTURE

### 6.1 BASE STATIONS



#### RPI 1000

When using a single base station, the RPI 1000 together with IN1100 (Reply® Interact Mini) keypads, is suitable for rooms up to 110 meters by 110 meters with a maximum of 400 people.

Room Size:	110m x 110 m
Keypads:	Up to 400 with a single base station
Base station	1 x RPI 1000
Location of Base station	Located centrally (55m x 55m if located in a corner), recommended to place base station 1.5m high.



#### RPI 4000

When using a single base station, the RPI 4000 together with IN1100 (Reply® Interact Mini) keypads, is suitable for rooms up to 110 meters by 110 meters with a maximum of 2000 people.

Room Size:	110m x 110 m
Seats:	Up to 2000 with a single base station
Base station	1 x RPI 4000
Location of Base station	Located centrally (55m x 55m if located in a corner), recommended to place base station 1.5m high.

## 7. CERTIFICATION AND COPYRIGHT

### 7.1 SERVICE & SUPPORT

- ✓ Certificate: FCC/CE/ROHS
- ✓ Warranty: 2 years (limit maintenance, component and manpower)
- ✓ Please contact us for details: Sales and agent service: [sales@replysystems.com](mailto:sales@replysystems.com)
- ✓ Technical support service: [support@replysystems.com](mailto:support@replysystems.com)

### 7.2 CERTIFICATIONS

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. Any Changes or

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

*FCC RF Radiation Exposure Statement:*

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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