



## Technical Specifications for Wireless Keypad Model Reply® Engage

### Enclosure

- Compact and rugged ABS blend case.
- Dimensions: 115 mm x 56 mm x 13 mm).
- Weight: Approx. 74 gramms
- Color: Black plastic case with white membranes
- Bails for Lanyards

### User Identification

- Each keypad has an RF device identity (“address”) between 1-500 plus an RF Base Station identifier between 1-64.
  - Addresses may be automatically assigned or preset.
- Each keypad also has a unique device serial number.
  - Serial numbers are permanent and set at manufacturing.
- Both address and serial number identifications are transmitted with each keypad’s response.
- ‘Log in’ function permits secure user registration.

### User Input

- 20 Keys.
  - Ten keys numbered 0-9 plus a “sym” key.  
In multidigit mode, up to 12 characters in length (ex. 45.067) may be input. When in text mode, up to 126 alphanumeric characters may be input.
  - Three dedicated keys for yes/no/abstain
  - Navigation keys for Offline Votings
- Entries can be “speed scored” to 0.02 second (20 millisecond) resolution to identify group response sequence (“fastest finger”) during competitive events.

### Display

- LCD with up to 6 lines in various Voting Modes (e.g. texting)
- Supports up to 126 characters
- Additional Icons, such as Battery level, Send and Receipt Status, Keypads ID and Voting Mode.

### RF Technology

- Supports up to 64 Channel Two-way 2.4Ghz communication
- Uses FSK technology (Frequency shift keying) to ensure data accuracy
- 500 Keypads can be polled within 2 seconds
- Uses multiple small data packages to ensure a vote is received
- Basestation sends acknowledgement to the keypad when vote is received
- Works reliable within other 2.4 Ghz Environments like WiFi, PDA or mobile networks by using 4 dispersive channels at the same time

### Range

- Range depending on room constellation up to 150x150m

### Warranty

- 2 YEAR Limited Warranty. Call for details.

