reply® interact

Technical Specifications
for
Wireless Keypad Model Reply® Interact

Enclosure

- Compact and rugged ABS blend case.
- Dimensions: 92 mm x 54 mm x 8 mm).
- Weight: Approx. 40 gramms
- Color: white plastic case with white membranes
  Other colors available on request
- Bails for Lanyards

User Identification

- Each keypad has an RF device identity ("address") between 1-400.

- Each keypad also has a unique device serial number.
  ➢ Serial numbers are permanent and set at manufacturing.
- Keypad Adress is submitted with each Vote

User Input

- 14 Keys.
  ➢ Ten keys numbered 0-9 (A-J)
    In multidigit mode, up to 12 characters in length (ex. 45.067) may be input.

  ➢ OK Key for confirmation
  ➢ C Key for Clear/Cancel
- Entries can be "speed scored" to 0.02 second (20 millisecond) resolution to identify group response sequence ('fastest finger') during competitive events.

Display

- 6 Digit LC-Display, 38x16mm, Numbers 0 – 9 or Characters A – J
- Additional Icons: Signal strength, Send and receipt status, Battery Level
- A beep indicates a key press. Can be disabled via RF.

Power

- 2 Coin Cells CR 2032.
- The Auto power down functionality enables up to 15.000 Votes (Depending on Battery quality)
- Standby – Time is 1 year (Depending on Battery quality)
- Battery Panel is secured by a screw

RF Technology

- Supports multiple channels, Two-way 2,4 GHz communication spread over 32 channels
- Security: Using a special RF Protocol for the keypads that ensures Data accuracy. Works also reliable within other 2.4GHz environments like Wi-Fi, PDA or mobile networks.
- After the keypad data has been successfully received by the basestation, the keypad will receive a confirmation.
- User friendly: Keypads and Basestation are linked. Therefore, changes on the Basestation are also applied to all its Keypads (e.g. Channel).
- All keypads can be checked simultaneously and submitting its status.

Range

- Depending on Room constellation up to 70 x 70 m.

Speed

- 400 Keypads per Basestation within less than 5 seconds

Certificates

- FCC, IC and CE proofed.

reply® Wireless Interactive Technology

01/06/2015