Braille ResponseCard® RF

Braille ResponseCard RF is a radio frequency keypad designed for the visually impaired. The keypad contains all the features and functionality of ResponseCard RF, but with Braille characters adjacent to the corresponding buttons. In addition, Braille ResponseCard RF includes a vibration motor that pulses when various actions occur.

Specifications

Enclosure:
- Dimensions: 3.3” L x 2.1” W x 0.3” H.
- Weight: 1.0 oz (with batteries).
- Durable, rugged case ensures maximum longevity under extreme conditions.

User Input:
- 12 key (1(A) - 10(J), Ch/Channel, ?).
- Answer Key - answer transmitted automatically.
- Programmable - manually enter ID number other than factory default.
  Use ResponseCard Programmer to easily change and verify ID.

Vibration Codes:
- Power Up .......................................................... Long Pulse (2 seconds)
- Polling Open – Successful Response ......................... Long Pulse (1 second)
- Polling Open - Valid Response .................................. Long Pulse (2 seconds)
- Polling Open - Invalid Response ............................... Short Pulse (0.25 second)
- Change Channel - Success ..................................... Short Pulse when GO is pressed (0.5 second), Long Pulse after successful change (1 second)
- Change Channel - Invalid ...................................... 3 Short Pulses (0.5 second each)
- Change Channel - 5 second timeout ......................... 3 Short Pulses (0.5 second each)
- Receiver Not Present ............................................ 3 Short Pulses (0.5 second each), followed by 10 second timeout
- Firmware version .................................................. Major version – X Long Pulse(s) (2 seconds), Minor version – Y Short Pulse(s) (0.5 second)
  For example, version 1.1 would be one Long Pulse, followed by one Short Pulse
- Manual Unit ID Change ........................................... 2 Long Pulses (approximately 1 second each)
- Unit ID Change via Programmer ............................... 5 Short Pulses (0.5 second each)

Display:
- Participants receive answer confirmation on their ResponseCard through two-way communication. Successful transmissions are acknowledged on the participant’s keypad via three second green light signal and vibration - see codes above.

Power & Power Management:
- Powered by two coin cell CR2032 (3.0V) Lithium Batteries.
- Always in deep sleep mode - only uses power when a button is pressed.

User Identification:
- Select a channel in less than 5 seconds, indicating session choice.
- Select a channel anytime - even when a session is underway.
- Channel selection is stored in nonvolatile memory.
- Channel selection is preserved until changed by participant.

RF Technology:
- Available Channels: Up to 82 sessions can be running at one time in close proximity without interference.
- Fully FCC, CE and Industry Canada certified.
- Will not interfere with other technologies.

Range:
- 200 ft range (400 ft coverage).

Receiver:
- Dimensions: 1.1” W x 3.7” L x 0.4” H.
- Unit Weight: 1.0 oz.
- Recommended 1000 RF keypads per one receiver.

Contact the Global Leader of Student Response Solutions:
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