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.

RF Receiver

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	3 Short Pulses (0.5 second each)
Polling Closed/Invalid Answer Type	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	10 second timeout followed by 3 Short Pulses (0.5 second each)
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.

Turning Technologies

www.TurningTechnologies.com

Contact the Global Leader of Student Response Solutions:

255 W. Federal Street, Youngstown, OH 44503

Toll-Free: 866-746-3015 • Fax: 330-884-6065 • Intl: +1 330 746 3015