

Reply® Solo



Turn any location into an interactive meeting site

Frequency Hopping Spread Spectrum for superior range, security, and speed

Works with popular Reply® (Worldwide) Wireless Keypads and other custom Fleetwood systems

Description for

Reply® Solo Handheld Wireless Base Station Model WRS960X

The Reply® Solo Model WRS960X is a compact, handheld base station that processes multiple choice responses from a Reply® wireless response system's keypads using the Reply® (Worldwide) communications format. Reply® Solo is a unique product because a separate PC and polling software are not required to conduct an audience polling session. Reply® Solo allows audience response activities to be conducted in virtually any location – indoors or outdoors – without the need for electricity, computers, and special projection equipment. However, if those additional devices are available, Reply® Solo's capabilities and value increase. A Reply® Solo solution is intended as a supplement to, not a replacement for, traditional group audience response methods that commonly employ a PC, polling software, and large format display devices during large group and/or complex polling activities. Each audience response method serves its purpose...and the purpose of the Reply® Solo system is to take interaction literally *anywhere*.

Technical Specifications for Model WRS960X

Enclosure

- Compact enclosure constructed of rugged ABS plastic.
- Dimensions: 5.7"L x 2.8"W x 0.9"H.
- Weight: 4 ounces, without batteries. (Add 1.4 ounces for 3AAA batteries.)

Operator Interface

Keyboard:

- Consists of 23 keys placed in operating zones. Keys are also shaped and colored to further distinguish their purposes.
 - “Major function” keys (Main, Query, Graph, Grid) are shaped and colored differently than the other input keys.

- “Soft” keys directly below the LCD are used to select menu navigation functions displayed on the LCD.
- “Numeric” input keys plus Power On/Off and Help keys.
- “Polling” keys (Start and Stop) for voting activity control.

Display:

- Large 132 x 64 graphics LCD displays a variety of information.
 - Shows impromptu question type options.
 - Displays predefined questionnaire text.
 - Graphs bar chart results of group's response to questions.
 - Identifies right/wrong/abstain responses of each participant.
 - Additional displays include help menu, system configuration, and system diagnostics.
- [Optional] TV Output using NTSC and PAL/SECAM formats.
 - Permits connection to television, monitor, or projector.
 - o Presents a mirrored image of the handheld Base Station's display to the audience.
 - o Video cable included.

Questionnaire Capabilities

- Supports up to 99 multiple choice questions per session.
 - Impromptu questions require no preparation.
 - o Select from multiple choice formats including A-E, 1-5, Yes/No, Yes/No/Abstain, Yes/No, Don't Know, Agree/Disagree (various scales), True/False, and “soft key”.
 - Predefined questions require a PC software utility program* to format questions offline.
 - o Up to 12 lines of text, 20 characters per line.
 - Predefined questions are loaded onto the Base Station via a USB flash drive (“USB stick”)**.
 - o USB drive is not included. See Reply® Solo operators manual for a list of supported drives.
- Questionnaire results may be viewed as:
 - A graph of group response.
 - o Each bar graphed can show number of respondents and percentage of the total group.
 - A grid of individual responses.
 - o Grid shows whether individual keypads responded, and if so, each one's response selection and its correct/incorrect status.
- Questionnaire results are stored in the Handheld Base Station's memory. They may also be saved to a USB stick**.
 - Saved results may be transferred to a PC for further analysis and reporting functions by available software utility programs*.

RF Technology

- Two-way radio design uses eligible *license-free/license-exempt* frequencies to:
 - Process user inputs from Wireless Keypads.
 - Send control information to Wireless Keypads.
 - Transmit acknowledgments of entries to each Keypad.
- Employs a Fleetwood-engineered 2.4 GHz *frequency hopping* spread spectrum (FHSS) transceiver.
 - FHSS offers excellent range, immunity to interference, and security.
- Communicates using a *patented* and *proprietary* radio protocol.
 - Creates a secure communications network between the Base Station and its associated Wireless Keypads.
 - Wireless Keypad user entries are acknowledged when received by the Base Station. *This message acknowledgment is just one of the many patented features of Reply® systems.*
 - Permits Reply® systems to operate reliably in the presence of other RF devices (WLANs, PDAs, phones, etc.).
 - Integrated error checking discriminates system signals from all other RF traffic to ensure data accuracy and enhance security.
- 15 channel identities are available to provide installation flexibility.
- High performance internal antenna is protected by the enclosure.

Range

- System is designed for 300 foot range during open air operation.
- A room's geometry, its radio propagation characteristics, and its proximity to RF interferers will influence actual range experienced.

Speed

- 50 keypads can be polled in ½ second.

Power Supply

- Powered by 3 x AAA replaceable alkaline batteries (not included).
 - Up to 40 hours of continuous operation.
 - Battery level is indicated on display.

Communications Security

- A proprietary response verification protocol integral to the radio design provides a high degree of signal security.
- Frequency hopping and proprietary data communications are additional deterrents to clandestine interception.

Scalability

- Firmware resides in high performance microprocessor chips that can be reprogrammed to facilitate easy upgrade during the life of the product.
- Adding keypads to an existing system requires them to be set to unused addresses. No change is required on the Base Station when adding keypads of the same channel.

Compliance and Patents

- FCC, IC, CE certified. Call for details regarding these and other regulatory certifications.
- U.S. Patent No. 5,724,357. European Patent No. EP 0 697 773. Other US and foreign patents and patents pending.

Warranty

- 2 YEAR (limited warranty, factory parts and labor). Call for details.

System Configuration

A basic Reply® Solo system consists of...

- One Reply® (Worldwide) Wireless Keypad per participant
- One Reply® Solo Base Station per 50 keypads of the same radio channel in a room. [Other Reply® Base Station models that operate with Model CRS5200 wireless keypads can process responses up to 250 keypads per Base Station and >5,000 users per room. Contact Fleetwood for more details on other Reply® (Worldwide) systems.]

*Optional accessories (purchased separately) include PC software for formulating pre-defined questions, base station and keypad carrycases, and more.

The system is very simple to use and requires no formal training. However, if desired, personal training, on-site technical support, and other 'for fee' services are extra.

Additional System Components

* Questionnaire Software



An easy to use software utility that prepares questionnaires for Reply® Solo. The utility also generates reports from session data stored on Reply® Solo. Purchased separately.

** Flash Drive



USB flash drives, also known as "USB sticks", are required if users wish to preprogram questionnaires and transfer Reply® Solo session results to a PC for further analysis. Purchased separately. Contact Fleetwood for information about supported drives.

Wireless Keypads



CRS 5000-series wireless audience response keypads operate with Reply®



Solo and Reply® (Worldwide) base stations. Refer to Reply® (Worldwide) Technical Specifications for more information. Purchased separately.

Carrycases

A variety of soft and hard sided cases are available to tote, ship, and/or store Reply® Solo Base Stations and Reply® (Worldwide) Keypads. Refer to Accessories Price Sheet for more information. Purchased separately.

Pricing

Suggested resale prices are available at www.replysystems.com. Quantity and industry partner discounts are available through our preferred resellers.



Fleetwood Group, Inc.
P.O. Box 1259
Holland, Michigan 49422-1259
Phone: (616) 396-1142 or (800) 257-6390
Fax: (616) 820-8301
Website: www.replysystems.com E-mail: sales@fleetwoodgroup.com

Founded on, and dedicated to, Christ and Christian business principles

© 2009 Fleetwood Group, Inc.
All Rights Reserved

All specifications and suggested resale prices are subject to change without notice.