FLEETWOOD

April 25, 2005

Elite Electronic Engineering
1516 Centre Circle
Downers Grove, IL 60515

Reference: Reply WW Keypad Model #'s: CRS5200-E and CRS5200-M

To Whom it May Concern:

This letter will detail all differences and/or exceptions between the Reply WW keypad products and the eInstruction cps*RF* HE keypad product. A new FCC ID # is being requested because we want to enable a defined separation between the cps*RF* K12 and cps*RF* HE products supplied to our eInstruction customer and the Reply WW product which we will manufacture, sell, lease and distribute totally from within Fleetwood Group, Inc. New Reply WW keypads will be assigned FCC ID # FBRCRS5200-FH. The eInstruction cps*RF* HE keypad FCC ID # is FBRLCK-EI. Two model #'s are required for Reply WW keypads because they will be offered with 2 different key contact technologies. Model # CRS5200-M is a membrane key contact keypad; Model # CRS5200-E is a rubber-key (elastomer) contact keypad. Note that eInstruction cps*RF* HE keypad product is self-declared to be a "Class I Permissive Change" from the eInstruction cps*RF* keypad product (now called eInstruction cps*RF* K12 keypad to differentiate it from the cps*RF* HE keypad).

Reply WW and eInstruction cps*RF* HE keypad firmware is similar in that they both incorporate base-to-keypad polling algorithms; however, each product type has its own unique polling application differences. Although each product type uses a uniquely ordered frequency hop table, they both utilize identical data packet lengths and also use the same RF frequency hopping algorithms containing the same set of hop channels.

Both Reply WW and eInstruction cps*RF* HE keypad product types use the same PCB assembly with indicator LED component differences - eInstruction *cpsRF* HE keypads use 2 single LED indicators while Reply WW keypads use a 7-segment LED display which require 3, 1K-ohm isolation resistor arrays. Both Reply WW keypad models use a common plastic housing which is different than the eInstruction cps*RF* HE housing. eInstruction cps*RF* HE keypads use a membrane key contact technology similar to one of the Reply WW keypad models, Model # CRS5200-M. Internal and external photographs of each keypad are attached with text describing hardware difference details. Also attached are photographs of the FCC/IC labels used on both keypad products.

Sincerely yours,

Dave Ramon
RF Design Engineer
616-820-8281
616-820-8300 (fax)
daver@fleetwoodgroup.com

eInstruction cps*RF* HE keypad topside.
Note uni-body case, single LED indicators
and membrane keypad contact type.

eInstruction cps*RF* HE keypad bottom-side.
Note this image is of older non-embossed
label version.

Reply WW rubber-key keypad topside. Note
clamshell case, 7-segment LED display and
rubber-key keypad contact type.

Reply WW keypad bottom-side.

Reply WW membrane-key keypad topside. Note clamshell case, 7-segment LED display and membrane-key keypad contact type.
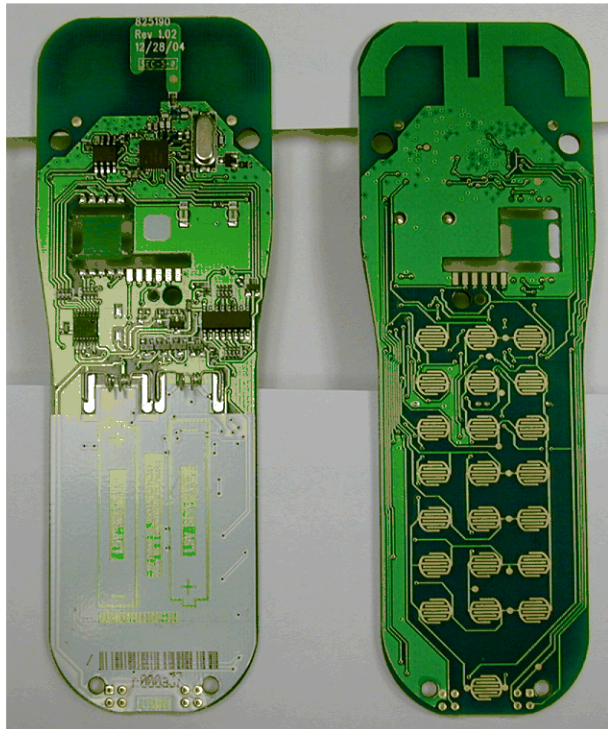

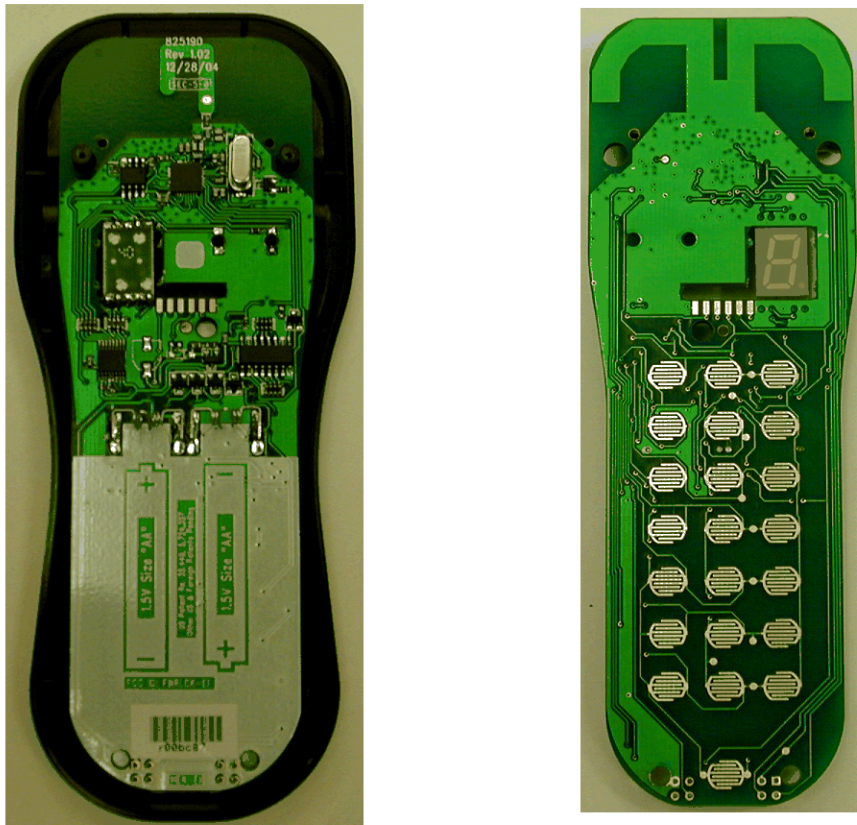Reply WW keypad bottom-side.

eInstruction cps*RF* HE keypad topside. Note uni-body case, single LED indicators and membrane keypad contact type.

eInstruction cps*RF* HE keypad bottom-side. Note this image is of older non-embossed label version.

eInstruction cps*RF* HE PCB; bottom-side on the left and topside on the right. Note single LED's are present and 7-segment LED display is not present.

Reply WW PCB; bottom-side on the left and topside on the right. Note 7-segment LED display is present and single LED's are not present.

Reply WW Keypad
www.replysystems.com
Model Number: CRS5200-EM

U.S. Patent Re. 35,448, 5,724,357
Other U.S.& Foreign Patents pending
FCC ID: FBRCRS5200-FH
IC: 1859A-CRS5200H

CE ① 0978

Label dimensions are approx. 1.50 inch x 1.00 inch. Corners are rounded approximately 0.12 inch. Arrow points to label location.

www.einstruction.com
Model HEK-EI

CE ① 0978

IC: 1859A-HEKEI
FCC ID: FBRLCK-EI

FLEETWOOD
Fleetwood Group, Inc.
Holland, MI 49424
www.fleetwoodgroup.com
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This device has not been approved by the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased until the approval of the FCC has been obtained.

Keypad bottom-side; eInstruction cps*RF* HE on the left and Reply WW on the right. Note that the new eInstruction cps*RF* HE plastic housing has an embossed label. Reply WW uses a label with an adhesive to adhere it to the plastic housing in the location indicated. Also note that each product type utilizes unique FCC and IC identification numbers.