

Johnson Controls, Inc.  
Automotive Systems Group  
One Prince Center  
Holland, MI 49423



September 12, 2003

Federal Communication Commission  
Equipment Approval Services, P.O. Box 358315  
Pittsburgh, PA 15251-5315  
Attention: Authorization & Evaluation Division

RE: Application for Certification of Johnson Controls Transmitter under 47 CFR 15.231.  
FCC ID: CB2LXHL3  
Form 731 Confirmation #EA995996

To whom it may concern,

Submitted here are materials for your consideration in determining the grant of certification for a Johnson Controls Interior, LLC, Universal Garage Door Opener product. The FCC ID for this product is CB2LXHL3. Please issue a grant without delay upon adequate evaluation of our report.

The JCI Model CB2LXHL3 is part of the Homelink ® III series. Homelink ® III devices are capable of learning garage door opener frequencies and codes from the user's original transmitter. The device is capable of learning in the range between 288MHz and 420MHz excluding forbidden frequency regions.

Johnson Controls Interiors has invested considerable resources into developing our Homelink ® products. For this reason we respectfully request that the following items be held as confidential.

- Circuit Block Diagrams
- Theory of Operation
- Schematics

The Federal Communications Commission will be notified, in writing of any changes in the software/programming of this device that could affect its RF characteristics.

A table of contents for all submitted materials can be found at the end of this letter.  
Please do not hesitate to contact me with any questions you may have regarding this report. As  
always we look forward to your timely response.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeremy P. Bos". The signature is fluid and cursive, with the first name "Jeremy" being the most prominent part.

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**8.2. Rear View**

Please refer to attachment named "rear\_view.jpg"

**8.3. Unit Disassembled**

Please refer to attachment named "d\_assym.jpg"

**8.4. Homelink Board**

Please refer to attachment named "lx\_front.jpg"

Please refer to attachment named "lx\_back.jpg"

Please refer to attachment name "hl3.jpg" (Close-up of Homelink section of device).

**9. Other Attachments and Description.....20**

**9.1. User Manual**

Please refer to attachment "user\_manual.pdf"

**9.2. Schematics/ Tuning Information**

For schematics please refer to attachment "schematics.pdf"

For tuning information please refer to attachment "tuning.pdf"

**9.3. Theory of Operation**

For schematics please refer to attachment "theory\_op.pdf"