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Client: Fleetwood Group, Inc.
Model: L240D
Standards: FCC 15.249/IC RSS-210
FCC/IC ID: FBRL240D/1859A-L240D
Report #: 2012234

Appendix M: Manual

Please refer to the following pages.

USER MANUAL

L240D RF Module



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Revision History:

Rev	Date	Description
A	8/15/2012	Original

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1.0 L240D RF Module

1.1 Description

The L240D is a low power wireless response keypad module. The L240D module is used to interact with an audience so they can provide real time feed back to questions. It communicates at 2.4GHz, GFSK to a base station.

The overall operation of the L240D module is controlled by a microcontroller. This microcontroller is powered from approximately 3V and uses an internal reference. The microcontroller handles control of the RF communications and keypad inputs.

RF communications uses a 2.4 GHz transceiver. The transceiver chip uses a 16 MHz reference oscillator for TX/RX and is also powered by 3V. The transceiver uses an integral inverted F antenna on the PCB.

1.2 FCC, IC Compliance Information

L240D RF Module

Responsible Party Pertaining to the Declaration of Conformity

Fleetwood Group, Inc.
11832 James Street
Holland, MI 49424
Attn: Product Service Coordinator
Phone: 888-467-3759

1.3 Standards and Guidelines

This device complies with the following USA/Canada Regulations:

- The USA Federal Communications Commission (FCC) Rules and Regulations
- Industry Canada Rules and Regulations

This device complies with the following national and international standards:

- FCC Part 15.249 (10-01-11): Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz.
- IC RSS-210 Issue 8: Low power license-exempt radio-communications devices (all frequency bands): Category 1 equipment.

1.4 FCC/IC Compliance

Changes or modifications to the device that are not approved by the manufacturer could void the user's authority to operate the device.

This device complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux la Partie 15 des règlements de la FCC et CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.