Directed Electronics, Inc.
2560 Progress Street Vista, CA 92083-8491 • (760) 598-6200 • FAX: (760) 598-6400

APPLICATION FOR FCC CERTIFICATION

Directed Electronics, Inc.

America's Largest Auto Security Company

Transmitter

Model No.: 476

FCC ID: EZS DEI476

Document #: 476TESTR

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07/13/01

Federal Communications Commission
Equipment Authorization Branch
P.O. Box 358315
Pittsburgh, PA 15251-5315

Ref: FCC ID: EZSDEI476

To Whom It May Concern:

The following information is to be used in addendum to the 731 application, Section 2.1033(B), for an equipment authorization grant:

1. **Manufacturer: Nutek Corporation**
   Fl 5, No. 3, Alley 6, Lane 45
   Pao Hsing Road, Hsing-Tien City
   Taipei Hsien, Taiwan, R.O.C.

   Applicant: Directed Electronics, Inc.
   2560 Progress Street
   Vista, CA 92083

2. **FCC ID: EZSDEI476**
3. **There is no instruction for this transmitter as a separate unit. The operations are dependent on the alarm model it is associated with. Please refer to the schematic for reference.**
4. **RF Transmitter for a RF controlled automotive security system. Pulse width modulated transmission consisting of the following:**
   - **12 preamble bits with a 50% duty cycle (23 timing cycle).**
   - **10 timing cycles gap (header gap).**
   - **Sixty-six code/address bits with 67.7% maximum duty cycle (33.3% minimum) (198 timing cycles)**
   - **The guard time gap is equal to 39 timing cycles.**
   - **Duty cycle credit calculations enclosed in lab report.**
5. **Schematic and Block diagram will be uploaded via the Internet.**
6. **Lab report will be uploaded via the Internet.**
7. **Photographs will be uploaded via the Internet.**
8. **N/A**
9. **NO.**
10. **N/A**
11. **N/A**
12. **N/A**

Please note that the photographs are of a prototype unit. The production unit will be different in appearance only.

If you have any questions, please contact me at (760) 598-6200 X266. Thank you for your prompt attention.

Sincerely,

Martin Gonzalez
Associate Electronic Engineer