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Directed®
ELECTRONICS, INC.

One Viper Way Vista, California 92083-7853 760 598 6200 760 598 6400

AMERICA'S LARGEST AUTO SECURITY COMPANY

Thursday, April 15, 2004

Chief, Equipment Approval Services
Federal Communications Commission
P.O. Box 358315
Pittsburgh, PA 15251-5315

Dear Sir or Madam:

We, Directed Electronics Incorporated, hereby authorize TÜV Product Service (10040 Mesa Rim Road, San Diego, CA 92121, Tel. (619) 546-3999) to act as our agent in all matters relating to applications for equipment authorization, including the signing of all documents relating to these matters. I further certify that the applicant nor any party to the application is subject to a denial of Federal benefits, that includes FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.

This authorization expires on 04/15/05.

Sincerely,

Mark Rutledge
Vice President of Engineering

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Wednesday, November 03, 2004

Chief, Equipment Approval Services
Federal Communications Commission
P.O. Box 358315
Pittsburgh, PA 15251-5315

Re: Request of Confidentiality

Pursuant to Sections 0.457(d)(1)(ii) and 0.459 of the Commission's Rules, the Applicant hereby requests confidential treatment of information accompanying as outlined below:

Schematics for EZSDEI471A.

The above materials contain trade secrets and proprietary information not customarily released to the public. The public disclosure of these matters might be harmful to the Applicant and provide unjustified benefits to its competitors.

The Applicant understands that pursuant to Rule 0.457(d)(1)(ii), disclosure of this Application and all accompanying documentation will not be made before the date of the Grant for this Application.

Sincerely,

Mark Rutledge
Vice President of Engineering

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Friday, November 05, 2004

TUV Product Services
10040 Mesa Rim Road
San Diego, CA 92121

RE: FCC ID EZSDEI471A

Dear Sir or Madam,

This letter is to address the following for the 471A transmitters:

1. Learn routine for replacement transmitters
2. System transmission frequency range
3. Data transmission duty cycle description

1. Refer to the instruction manual.

2. This transmitter is a single frequency device. It is SAW resonator based and the transmission frequency is determined by the SAW resonator. The resonator used in the 471A has a center frequency of 433.92 MHz +/-120 KHz. This means the single transmission frequency will always be locked at 433.92MHz only with a +/-120 KHz tolerance for its center.
Furthermore, the receiver operated by this transmitter is a single band receiver tuned to 433.92MHz and only capable of receiving this frequency.

3. The 471A is a data transmission device. Its protocol consists of 12 preamble bits (400us each) and 66 data bits (400us or 800us each, they are random) for a total of 78 bits. So the calculation for the duty cycle becomes:

   (12 x 400us)+(66x800us)= 57.60ms within a 100ms period

   The worst case scenario calculation is assured by the fact that we used 800us for all 66 data bits as they can be either 400us or 800us.

Sincerely,

Minas Minassian
RF Engineer