



AUG 31 1998

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Mr. Ken Hollenbeck
President
Interactive Living Systems, Inc.
14901 East Hampden Avenue, Suite 310
Aurora, Colorado 80014

Re: K964977
Integrated Voice Operated Control Unit (IVOC-1)
for Powered Wheelchairs
Regulatory Class: II
Product Code: LFF
Dated: July 31, 1998
Received: August 6, 1998

Dear Mr. Hollenbeck:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

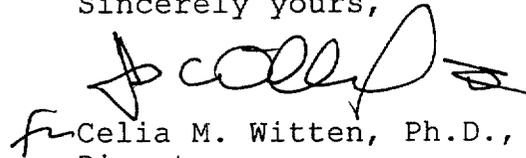
If your device is classified (see above) into either class II (Special Controls) or class III (Pre-market Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the current Good Manufacturing Practice requirement, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic (QS) inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements concerning your device in the Federal Register. Please note: this response to your pre-market notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

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This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4659. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsmamain.html>".

Sincerely yours,


Celia M. Witten, Ph.D., M.D.
Director
Division of General and
Restorative Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(K) Number (if known): K964977

Device Name: IVOC

Indications For Use: IVOC—Integrated Voice Operated Control system for electric wheelchairs, allows the occupant to control movement of their chair by using voice commands.

Controllers. The user's wheelchair must have one of the following controllers:

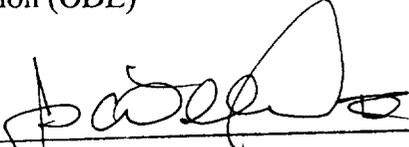
- A. Invacare MK IV controller.
- B. Everest and Jennings Z-51 or Z-61 controller.
- C. Quicke P100, P200, or P300 controller.
- D. Dynamic Controls Ltd. DX-Power controller.

Vocal Capability. The User must have the ability to consistently reproduce a series commands or sounds.

Emergency Stop Switch. The User must have the capability to activate a manual Emergency Stop Switch.

(Please do not write below this line-continue on another page if needed)

Concurrence of CDRH, Office of Device Evaluation (ODE)



(Division Sign-Off)

Division of General Restorative Devices
510(k) Number _____

K964977

Prescription Use _____
(21 CFR 801.109)

OR

Over-the-Counter Use X

(Optional Format 1-2-96)