

Humanoid robots venture ZMP INC.

-----Unveiled a mobile humanoid robot “nuvo” - It started accepting orders , rental ,licensing.----

ZMP INC. which is developing humanoid robots released a new mobile humanoid robot “nuvo”. We offer you a new lifestyle.

Main feature and functions

[Realization of doll-size, right and mobile humanoid]

Realized smaller and righter 39-cm-tall, 2.5-kg robot “nuvo”. Also realized costs cuts by reducing joints and stringently selecting functions not just for research but enter people’s homes. nuvo makes “anywhere at any time” possible.

[Design focused on safety and mobility and special wear]

Simple and sophisticated Design by industrial design Ken Okuyama

We focused on safety and mobility so that robot can enter people’s homes and live with people. Its design was kept simple. Rolling up the edge kept away children’s accident and electrical and mechanical parts were hidden from the eye. Also it is a lot of flexibility and high performance.

World first robot clothes which was developed with MIZUNO CORPORATION

We approached the task confronting the improvement of robot performance and its efficiency on the basis of human engineering and biomechanics. On the first step, we developed robot shoes and protector in a tie up with MIZUNO CORPORATION. The shoes act as shock absorbers and reduce the slip by fixing grip strongly. That realizes an ideal walking. Also the protector absorbs shock when it falls and protects the internal precision equipment.

Character development

Art director Mr. Shinichi Hara designs new character under the concept of ‘for the new generation’. High spirited design on the simple base develops new world of robots.

Performance

14 motors make it possible to walk and stand up in the home.

Remote control

It can be controlled by remote from a cell phone: FOMA . “iAppli” which was developed by HI INC. specialized in 3D CG animation engine simplifies complicated setting intuitive GUI. Also the state of robot nuvo can be displayed as an icon via “Chara-den” using “FOMA900i”.

Voice recognition

Voice recognition engine “AMI Voice” which was developed by Advanced Media INC. is on the robot. It recognizes voice commands and can be controlled. In near future, speech function will on the robot according to new character.

Business –starts sales, rental and licensing

We started to accept orders of nuvo on March2.The prototype version costs 3,000,000 yen and expects to sale to universities, research institution, museum of science. We will also sell a mass-production model for general consumers at the end if 2004 and it will cost roughly 500,000yen.

-----New bipedal robot “e-nuvo” for educational use-----

We developed a Bipedal Robot Material, including a complete Curriculum for all interested to learn how it WALKS at high school and universities. It is under the general editorship of Prof. Makoto Mizukawa. Lecture program for each class 15times on a half semester contains “control engineering”, ”mechatoronics”, ”programming”.

* It was released on March 3 in Japan.