The TRON-concept Intelligent House is an experimental house used for research into the future of home automation. This pilot house is the stage of intensive experiments simulating living in the automated dwelling of the near future. The simulations attempt to find out the nature of future style of living and explore their possibilities. Computers and sensors in the intelligent house make overall judgments on outdoor and indoor conditions, then operate as an integrated system to provide maximum comfort. For example, temperature and humidity are controlled not only by the air conditioning system, but also by automatic opening and closing of the house to outdoor air as weather conditions dictate. Moreover, a uniform operating method is adopted throughout all the systems in the house, for ease of operation by the young and the old alike.

MISCELLANEOUS FACTS
The weather sensors: measure outdoor air conditions and daylight level. Windows will be automatically operated in terms of the weather conditions.

Infrared motion sensors: guard against burglary.

Heat sensors: guard against fire.

Sound field generation system: create any desired interior spatial image by controlling sound reverberation. And the interior background music is also automatically matched to the interior light mood.

Intelligent kitchen: computerized guide provides information and advice on ingredients and cooking techniques.

Light sensitive glass: can be turned opaque to increase privacy, and turned transparent to increase connection with outdoor.

Space-saving storage system: motor-driven storage system with photo-recording saves space and makes the arrangement of storage more efficient.