

Bluetooth Brand

As for the standard of BluetoothTM, research development and decision of a standard is performed by the BluetoothTM SIG (Special Interest Group).

BluetoothTM SIG is the joint achievements of nine leading companies, Toshiba , Ericsson, Nokia, Intel, IBM, 3Com, Lucent Technologies, Microsoft, Motorola. More than 1300 other manufacturers, from all parts of the world and various field of business, have now also joined the BluetoothTM family. Toshiba Personal Computer that integrates Bluetooth device passed BluetoothTM Qualification Program and it is accepted to use the Bluetooth trademark.

For more information on BluetoothTM SIG, please refer to the BluetoothTM Official site. (<http://www.bluetooth.com/>)

Bluetooth Technical Facts

A tiny BluetoothTM microchip, incorporating a radio transceiver, is built into digital devices. The BluetoothTM technology makes all connections instantly and without an inch of cable. It facilitates fast and secure transmissions of both voice and data, even when the devices are not within line-of-sight. The radio operates in a globally available frequency band, ensuring compatibility worldwide.

Also, the radio operates in the 2.45GHz band, which is license-free and available to any radio system in the world. A Bluetooth radio link has a maximum data transfer rate of 724kbit/s. The normal range of the Bluetooth radio is either 10 meters or 100 meters, depending on your Bluetooth equipment.