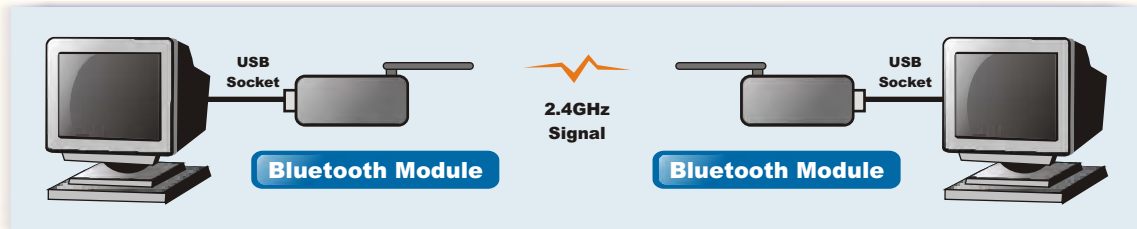# SIGMA

BLUETOOTH NETWORKING TRAINER

MODEL - BT101

This trainer has been designed to understand Networking two Computers using Wireless Blue tooth technology and carry out many wireless applications between two computers.

SPECIFICATIONS

Blue Tooth Hard wares (2 Nos.)

1.	Standard	:	Blue tooth V1.1 - compliant
2.	Frequency Band	:	2.400GHz - 2.4835GHz
3.	Spread Spectrum	:	FHSS (Frequency Hopping Spread Spectrum)
4.	Modulation Method	:	GFSK (Gaussian Frequency Shift keying)
5.	Antenna	:	Integrated printed type
6.	Working Distance	:	Up to 10 feet in open space
7.	LED indicator	:	Data transfer
8.	DC power source	:	5V from Connected USB port

EXPERIMENTS

1. To understand theory of Blue tooth technology
2. To understand Blue tooth Protocols
3. To understand different types of Blue tooth Networks
4. To study different types of Blue tooth devices
5. To study Blue tooth adaptor and interfacing methods.
6. To study Installation procedure
7. To configure and install Blue tooth devices - IRQ, I/O port address, Memory address
8. To install Blue tooth Software
9. To test Blue tooth installation
10. To connect two computers through Blue tooth and transfer data between them.
11. To send voice through Blue tooth
12. To send PIM card through Blue tooth

Note: - Two Computer systems (Pentium IV 1.5 Ghz, 80 GB HD, 128 MB RAM) with Windows XP are required to Operate this trainer.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.