Specifications:-

- Trainer Offers Comprehensive Experiment Set Up Explaining Bluetooth
- Either May Buy Shared Set Up With Replaceable Nics Or Independent Setup Of Nodes For Each Technology.
- However Nics Could Be Replaced In One Setup To Experiment With Other.
- Table Top Setup Made Using Light But Sturdy Aluminum Profile (4x2) Rack.
- Lab Pc With Serial/Usb Port Required For Network Monitoring Or To Work As User, Pc Not In Scope Of Supply.
- Set Of Users Guides Provided With Each Unit

Technical

- Operating Freq. Band Ism 2.4ghz-2.48ghz
- Modulation Method : Gaussian Freq. Shift Keying
- Output Interface: Uart
- Serial Uartspeed Up To 921.6kbps
- Bluetooth Specification:V2.0+Edr
- Transmit Power - Max. 18dbm
- Receiving Sensitivity: -90DbM(0.1%ber)
- Provides Transparent Rs232 Serial Cable Replacement.
- Supports Up To 4 Multiple Simultaneous Connections.
- Profile: Serial Port Profile.
- Working Distance : Normally 100 Meters
- Rssi Indication On Lcd
- Nodes: 4 Embedded Nodes With 4 Replaceable Nics For Each Technology Kept Under Transparent Cover.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

- Node Hardware: 4 Embedded Nodes With 4 Replaceable Nics For Each Technology Kept Under Transparent Cover.
- Network Monitor

  A) Embedded Controller Device: 89c668 Operating @ 16mhz.On Chip Ram : 8 Kb, Flash / Eeprom: 64kb.

  B) Serial Port (rs232c) 9 Pin D (m).

  C) In Built Usb To Serial Converter.

  D) Display: 20x4 Lcd (bACKLIT).

  E) General Purpose Smd Bicolor (GREEN, Red) 8x2 Leds & 8 Smd Push Button Switches/Dipswitches.

  F) Power (smps): 5v/2.5amp Smps With Rcaplug.

  Smps. Ac I/P230vac +/-10% / 50hz X 4 Nos.
- Node Software: Embedded Program Written In C For Bluetooth
- Pc Software: Network Monitor
- Experiment Topics / Software: Configuring Master & Slave. Data Exchange From One Device To Other. Select Device Name & Transmit Key, Led Status, Messages To Be Observed On Lcd.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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