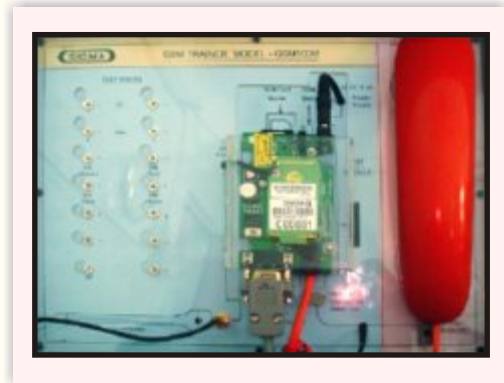




GPRS TRAINER

MODEL - GPRS100

This trainer has been designed with a view to provide practical and experimental knowledge of GPRS.



SPECIFICATIONS

Voice features

Telephony - Handset

Full Rate, Enhanced Full Rate and Half Rate (FR/EFR/HR)

GPRS Circuit data/fax features:

Data circuit asynchronous, transparent and non transparent upto 14,400 bits/s

Automatic fax group 3 (Class 1 and Class 2)

Short Message Service feature: (GPRS)

Text

Interfaces:

RS-232 serial link supporting: Remote control by AT commands (GPRS 07.07 and 07.05)

Serial baud rate from 300 to 115,200 bits/s)

Accessories:

1. Standard rubber antenna - regular GPRS Coverage Areas.
3. Pre-paid with Local service provider for Rs. 500/- air time only
Recharging/renewal has to be done by customer afterwards
4. Practical Manual

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

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Dealer:-

EXPERIMENTS

Experiments are divided into five different parts:-

1) GPRS Theory & Standards

Understanding of GPRS technology, its network, GPRS capability & data services.

2) Component Study

Understanding the concept of RF component & different parts which is related to RF environment like GPRS 900/1800 dual band antenna, RF module & various connectors & evaluation board etc.

3) RF Environment

Understanding RF environment & study of GPRS network by actually connecting to the GPRS environment by any service provider SIM like Airtel, Idea, RPG etc.

4) Command Level Study

Real Time study of GPRS 07.05 & 07.07 commands in various categories:-

Command concerning modem & simcard hardware.

Network registration commands

Call control commands

Call setting commands

5) To Connect to the Internet using GPRS