**Short Technical Description of GDP-04(A)**

1. The supply circuit provides voltages for all blocks and also voltage for battery charging.
2. The GSM module transmitts and receives data from / to GSM network and communicates  directly with the microprocessor.
3. Used antenna – external PCB connect to the main PCB with coaxial cable RG-178.
4. Audio signals are acuired / generated by external handset, internal handsfree and external analogue line.
5. Clock frequency is provided by crystal oscillator 18.432MHz connected directly to the microprocessor.
6. Momochromatic LCD (132*65 dots) is driven directly by the microprocessor.
7. USB interface is provided directly by the microprocessor.