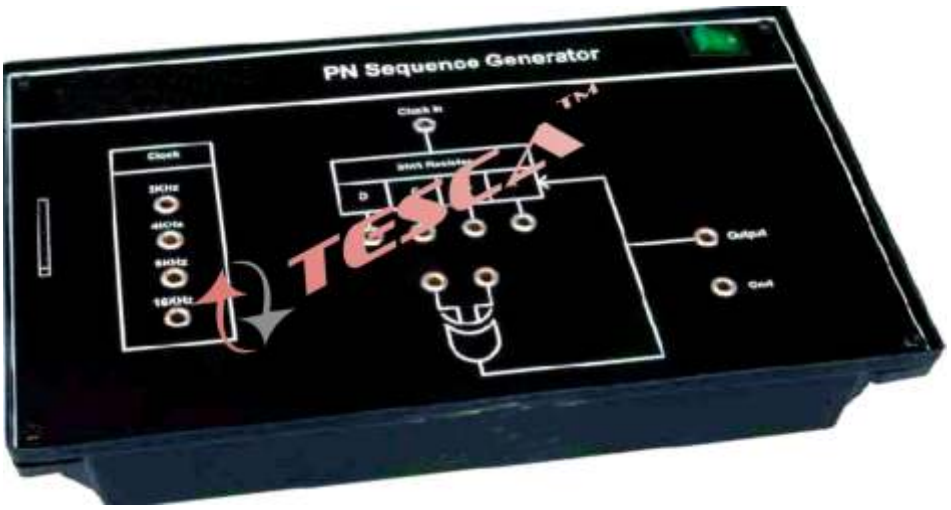

A Pseudo-random Noise (PN) sequence is a sequence of binary numbers, e.g. ±1, which appears to be random; but is in fact perfectly deterministic. The sequence appears to be random in the sense that the binary values and groups or runs of the same binary value occur in the sequence in the same proportion they would if the sequence were being generated based on a fair "coin tossing" experiment. In the experiment, each head could result in one binary value and a tail the other value. The PN sequence appears to have been generated from such an experiment. A software or hardware device designed to produce a PN sequence is called a PN generator.

- Four selectable clock frequencies
- Six Selectable data sequence
- External clock upto 1 Mhz
- Functional blocks indicated on board mimic

Technical Specifications

Clock Frequencies TTL	:	2 KHz, 4 KHz, 8 KHz, 16 KHz
PN Sequence	:	User selectable
Length of sequence	:	15 bit
External Clock	:	TTL upto 1MHz
Interconnections	:	By 4 mm banana socket
Power Supply	:	Adaptor +9V DC, 500 mA
Operating Conditions	:	0-50°C, 95% RH

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.
IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in