DPCM Trainer is a manifestation of our increasing efforts to present the modern technology in a best way to the people who want to unfold the mysteries behind the ever increasing communication super highway. To present it in a best way the trainer incorporates the practical operating frequencies for sampling, audio processing and data processing which are commonly used in our public telephone networks.

Features
- Onboard DPCM Transmitter and receiver.
- Onboard Signal generator block.
- Onboard Audio input processing circuit.
- Onboard audio output processing circuit.
- Clock and entire control Signal section.
- Detailed signal processing circuit with complete data and control signal flow.

Technical Specifications

Signal generator block

Functions	:	Sine and Square
O/P frequency range	:	300 Hz to 3.4 KHz
Audio blocks	:	Audio I/P and O/P processing circuits
Control signals	:	R/W for ADC, reset, Latch enables, OEs
Sampling frequency	:	8 KHz
Bits per sample	:	5 bits including sign bit
Bandwidth improvement		
Compared to 8 bit PCM	:	3 bits per sample.
Interconnections	:	2 mm socket
Power Supply	:	± 5V, ± 12V DC, 200 mA

Note: Specifications are subject to change.