

KVT-01**DIGITAL SATELLITE RECEIVER TRAINER**

Kitek KVT-01 is a versatile platform useful for students to learn the concept of DTH and its troubleshooting. Kitek DTH Trainer is housed in an elegant cabinet with proper block diagram with fault creating and troubleshooting facility to understand the working of DTH.

DTH (Direct to Home) is a satellite-aided TV rebroadcast system, featuring a compressed digital encoded signal for unlink/downlink.

Today most satellite TV customers in developed television market get their programming through a Direct Broadcast Satellite (DSB) provider, such as Doordarshan DTH platform. The provider selects programs and broadcast them to subscribers as an attractive package. Unlike earlier, the provider's broadcast is completely digital, which means it has high picture and stereo sound quality.

Specifications

RF Input : 950-2150 MHz
 Input Impedance : 75 Ohm
 RF Output : 470 MHz to 862 MHz (approx)
 Dish Input : F-Connector
 Composite Video Output: R C A
 type
 Audio Output : RCA type (L/R)
 TV Output : RCA type
 Video Output : PAL/NTSC
 IF Frequency Bandwidth : 27MHz-
 36MHz

Video Output level : 1Vpp (75 load)
 Image Resolution : 352 x 288
 Controls : Power, Menu, Channel Up/
 Down OK, Left, Right
 Test Points : 17 nos.
 Power Supply : 110V - 260V
 AC,50Hz/60Hz
 Included Accessories: Mains Cord,
 Remote, RF Cable
 Audio/Video Card, Dish Antenna with
 accessories, LNB
 Pencil Cell : 2 nos.
 Dish Connecting wire : 10 meter (approx)
Monitor : 15 inch
 User Manual for Experiments

Experiments that can be performed

- Introduction and basics of DTH System
- Understanding various components of DTH receiver system
- Study of various blocks of DTH system
- Study of working principle of DTH system
- Various types of fault creation and troubleshooting

Note : Specifications can be altered without notice in our constant efforts for improvement.