



**Sciencetech TechBook 2664 DTH Receiver System** is a versatile platform useful for students to learn the concept of DTH and its troubleshooting. Sciencetech 2664 is housed in an elegant cabinet with proper block diagram on the mimic. 2664 is provided 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 uplink/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.

## Features

- Compact design
- Comprehensive learning solution on DTH
- Functional block diagram indicated on main board
- Manual & Remote Control operation
- Composite Video output and RF output
- Fault creation and diagnosis
- Online Product Tutorials

## Scope of Learning

- 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

## Technical Specifications

<b>RF Input</b>	: 950 - 2150 MHz
<b>Input Impedance</b>	: 75Ω
<b>RF Output</b>	: 470 MHz to 862MHz
<b>Dish Input</b>	: F - Connector
<b>Composite Video Output</b>	: RCA type
<b>Audio Output</b>	: RCA type (L/R)
<b>TV Output</b>	: RCA type
<b>Video Output</b>	: PAL
<b>IF Frequency</b>	: 70MHz
<b>Video Output level</b>	: 1Vpp (75 load)
<b>Uplink Satellite</b>	: INSAT 4B
<b>Controls</b>	: Channel Up/Down, Volume Up/Down, Power On/Off.
<b>Test Points</b>	: 17 nos.
<b>Product Tutorials</b>	: Online (Theory, procedure, reference results, etc),
<b>Dimensions (mm)</b>	: W 326 x D 252 x H 52
<b>Power Supply</b>	: 110V - 260V AC, 50Hz/60Hz
<b>Weight</b>	: 1.5 Kg. (approximately)
<b>Operating Conditions</b>	: 0-40°C, 85% RH
<b>Included Accessories</b>	: Mains cord, Power Supply, Remote, RF Cable, Audio/Video Card, Dish Antenna with accessories, LNB
<b>Pencil Cell</b>	: 2 nos.
<b>Dish Connecting wire</b>	: 10 meter (approx.)

**\* Computer Monitor not included in the standard supply**