



10948 is a versatile platform useful for students to learn the concept of DTH and its troubleshooting. 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

Experiments

- 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 are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302022, Rajasthan, India,
Mob./Whatsapp: +91-9829132777; Email: info@tesca.in, Website: www.tescaglobal.com