

HT-8553

FEATURES

HT-8553 Signal DVB - C Digital and Analyzer is specially designed and manufactured for CATV system installation and testing. It's a portable instrument, easy to carry functions. This instrument can test CATV signal level both at channel and frequency mode. At SCAN mode, it can scan all channels and store signal level. At spectrum mode, it can carry out spectrum display and test for a certain frequency range. Also it can measure CATV TILT, C/N, Trunk cable Voltage, etc. The big LCD clearly displays all testing results. It especially fit for CATV station as a professional measurement instrument. HT-8553 can measure DVB-C Digital signal features : average peak power, MER, BER, C/N, EVM, constellation diagram.



SPECIFICATIONS

Analogue Signal Specifications		* POWER	
* LEVEL		DC Supply :	DC 7.2V/1.6Ah rechargeable battery
Frequency Range :	46 - 870 MHz.	AC Supply :	AC 220V50Hz±10%
Resolution Bandwidth:	280KHz. ± 50KHz.	Batter working hours :	Longer than 4.5 hours at continuous Working mode
Channels :	All Channels	Rechargeing hours	12 - 14 hours
Level Range:	35dBμV - 115dBμV		
Accuracy :	± 1.5dBμV (under room temperature) ± 2.5dBμV (-10 - +40°C)		
Input impedance	75Ω (BNC or F connector)		
Wave detection	Peak value		
* AUTO SCAN TESTING			
Max Channel Scan :	100 Channels		
Scan Range :	All Channels within 46 - 870 MHz.		
Scan Speed :	30 Channel		
Memory Groups :	23 Groups (00-22) Each group store Max 100 Channels		
* VOLTAGE			
Voltage Range :	0 - 100VAC		
Accuracy :	± 1.5V		
Resolution	0.1V		
* C/N			
Level Range :	80dBμV - 105dBμV		
* OTHERS			
Dimension :	215mm x 95mm x 47mm		
Weight :	610g (without charger)		
Working Temperature :	10°C - +40°C		
Display LCD :	128 x 64 Matrix Super big LCD with Back light		
		DVB Specifications	
		Frequency Range :	46MHz. ~ 870MHz.
		Frequency Resolution :	10KHz.
		Frequency Accuracy :	±10 x 10 ⁻⁶
		Average Power :	35dBμV ~ 115dBμV
		Power Resolution :	0.1dB
		Power Accuracy	±2.0dB (under room Scatemperature)
		nput impedance	75Ω
		MER	22 ~ 39dB
		MER Accuracy	± 2dB
		EVM	√
		BER	1E -4 ~ 1E -8 (after RS)
		Modulation	16/32/64/128/256 QAM
		VConstellation Diagram	√