

General

This unit can generate signals of China terrestrial digital broadcasting conforming to "Framing structure, channel coding and modulation for digital television terrestrial broadcasting system (Standard No.: GB20600-2006) of Standardization Administration of China and of DVB-C (Annex A) system operating in cable TV in China. Also, TS signal generator and noise adding function are equipped, so that generation of receiving test signal for receiver is possible by this unit only. In addition, by using Eiden's 7706A Transmission Tester and 7708A BER Tester, configuration of BER measuring system in TS packet format is possible.



Features

- Conforming to standard No.[GB20600-2006] of Standardization Administration of China.
- Supporting terrestrial digital system and cable system.
Possible to obtain desired digital modulated signal by selecting system.
- Equipping TS generator of built-in hard disk type. (HDD capacity ≒ 120G bytes)
- Output frequency range : 47~954MHz (Variable in step of 1Hz).
- Output Level range : -99.9~0dBm (Variable in step of 0.1dB).
- Equipping noise signal generator.
Noise generator is built-in. Noise level is calculated corresponding to system and noise can be added simply by C/N setting. Setting range of C/N is 0~40dB. min. resolution is 0.1dB. By combining with Eiden's 7706A Transmission Tester and 7708A BER Tester, BER measurement in packet format is possible.
- Possible to generate PRBS.
PN (Pseudo random signal) of 23rd order can be generated in each system.
By combining with Eiden's 7706A Transmission Tester and 7708A BER Tester, BER measurement in packet format is possible.
- IF output function.
Input/Output terminals of IF signal are equipped. By connecting with Eiden's 4409A or 4401A-DA1 (Diversity converter), expansion to fading wave generation system is possible.
- Remote control by GP-IB (IEEE-488.2) or ETHERNET (10BASE-T/100Base-TX) is possible.
* Selection system for [GP-IB] or [LAN]. Impossible to use simultaneously.

Main Unit1
	425 (W) × 132 (H) × 530 (D) mm
Weight	12kg
Accessories	Power Cable (including 3pin →2pin)1
	Instruction Manual1
Power Source	Input Voltage Allowable Range
	: AC90V~AC250V (50Hz/60Hz)
	Power Consumption : Approx. 60VA
Operating Environment	: +5°C~+45°C
Temperature	: 10%RH~85%RH (No dew generation)