Model: MSD7000A / MSD5000A  
DTV Multi Signal Generator

This device is a multi platform DTV signal generator. DTV signal (Terrestrial TV, Cable TV and Satellite TV) in the world, such as Japan, U.S.A, Europe, China, Brazil and etc., can be generated by this device only. * The installing system can be selected. Two kinds of models are prepared. The high-end model[MSD7000A] is the best for the design and the development, etc. of TV and the tuner. The standard model[MSD5000A] is able to be used widely such as from development to production line for TV and the tuner. The TS generator, the modulator and the RF converter are fitted into one device and small and portable size is enabled. A seven-inch wide VGA touch panel is equipped, so that an excellent operability is provided by the combination of the operation keys, the rotary knob and it. Also, options such as fading simulator, impulsive noise generator, BER counter and etc., are lined up, so that functions can be extended according to user’s needs.

(TS Generator)  
- HDD: 250GB  
- External TS can be input (DVB-ASI x 2routs)

(Interface)  
- 10MHz : Input & Output  
- CLK Output  
- Ethernet (10/100Base-Tx)  
- Alarm output  
- USB × 3routs

(Modulator)  
- Japan - Brazil  
- ISDB-Tm, ISDB-C, ISDB-S  
- ISDB-T, ISDB-T_S (9seg)  
- Europe - Asia  
- DVB-T2/T2 Lite  
- DVB-T/H  
- DVB-S/S2  
- DVB-C2  
- DVB-C  
- T-DMB/DAB/DAB+ [U.S.A.]  
- ATSC  
- ITU-T J.83B  
- ATSC-M/H

(RF Converter)  
- 100kHz ~ 3GHz (0.1Hz step)  
- -120dBm ~ +10dBm (0.01dB step)  
- Noise Generator is built-in. (AWGN)  
- C/N: 40~0dB (0.05dB step)

※ Specifications and appearance described in this catalogue may be changed without prior notice in order to improve product.

Ver.5.0