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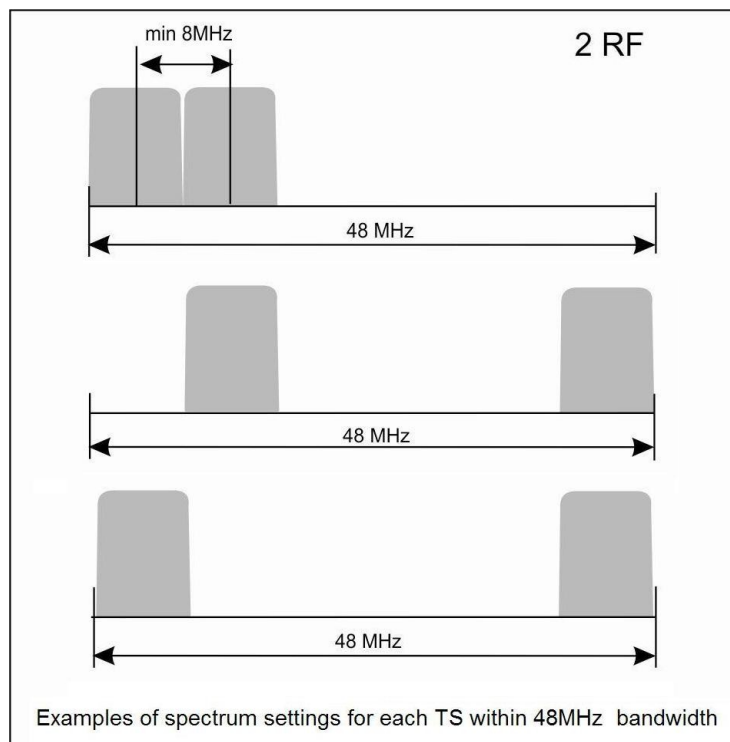# 8ASI DVB-T 1RF/ 2RF Processor

The 8ASI DVB-T 1RF/2RF Processor is a multifunctional device intended for multichannel DVB-T broadcasting. It provides TS remultiplexing, scrambling, modulating and Up-converting .
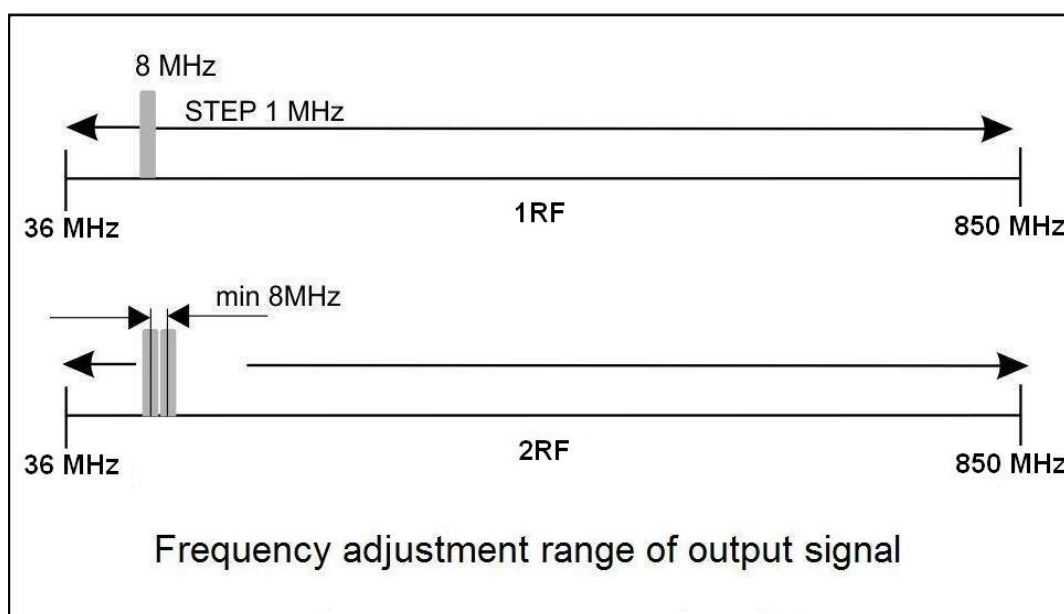
Key features:

- The processor remultiplexes up to 8 input Transport Streams(TS) and forms a group spectrum of up to 2 TS in the DVB-T format transmitted at two different frequencies.

- Standard SD/ HD DVB-T receivers and DVB-T TV-sets can be used as subscriber receivers.

- IP output can be used to transport one of the packages via IP network or monitor one of the packages chosen from output or input stream at your PC.

One Processor allows you to organize DVB-T broadcasting of 10-15 programs , as well as a system for monitoring of channels on your PC. The Processor can replace the two remultiplexers, two scramblers, two DVB-T Modulators and two UP-converters.

Examples of spectrum settings for each TS within 48MHz bandwidth

Main functions:

- MPEG-2, MPEG-4/AVC, HD / SD and 3D support;

- DVCrypt CAS support;

- Automatic and manual PID insertion;

- EPG, OTA, LCN support, Network Search;

- Adjustable level of the output RF signal;

- One or two carriers can be set within 36-850 MHz frequency range, subcarrier frequency can be set within 48 MHz;

- Connection to PC: Ethernet (100 Mbit /s), RJ45.

- Software update/upgrade ;

- Quick replacement of the device in the system without stream rescan.

Frequency adjustment range of output signal

SPECIFICATION:

- INPUT INTERFACE : eight DVB-ASI inputs;

- OUTPUT INTERFACE : two DVB-ASI outputs, one RF output, one 100M IP output;

- Modulation type: QPSK/QAM16/QAM64;

- Frequency range: 36-850 MHz;

- IFFT-2K/8K; DELTA-1/4, 1/8, 1/16, 1/32; FEC-1/2, 2/3, 3/4, 5/6, 7/8;

- Output RF signal level: 100 dB/uV, adjustment -10dB/uV;

- Power: ~220V+\-20%;

- Power Consumption: Max 18W ;

- Size: 19``, 1U 480*45*180 (mm);

- Weight: 3,5 Kg

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