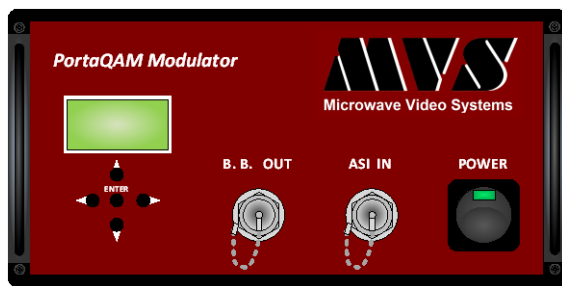


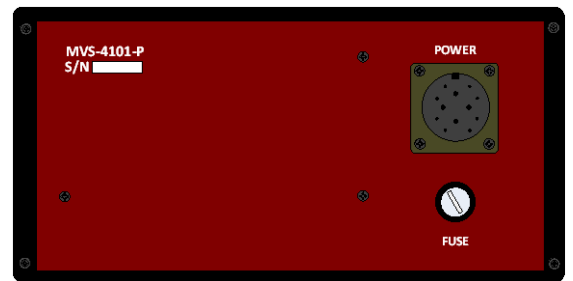
PortaQAM MVS-4101-P Modulator coupled with the **PortaQAM MVS-5108-P Demodulator** can be used over new or existing analog portable radios from 2-40GHz. ATSC 19.39 Mbps data streams are seamlessly transmitted by the Modulator and received by the Demodulator to provide excellent link performance and system reliability while maintaining full analog transmitter power. The BB Mod/Demod's can be used anywhere an ASI transport stream is need over baseband providing a cost effective solution for digital transmissions.

MVS-4101-P MODULATOR:

FRONT PANEL

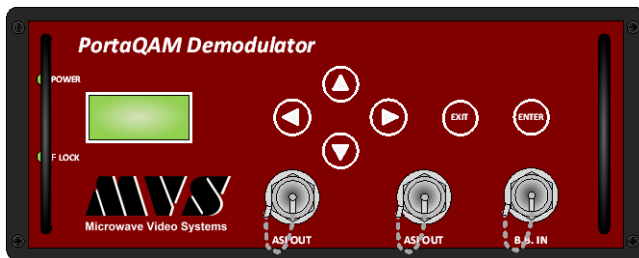


BACK PANEL

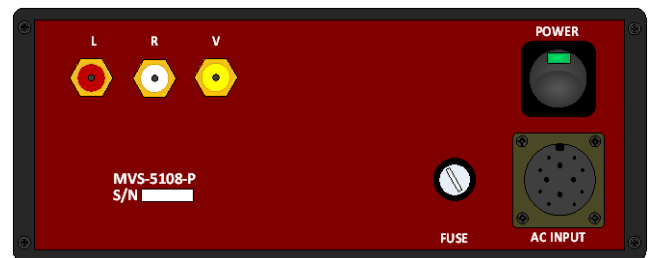


MVS-5108-P DEMODULATOR:

FRONT PANEL

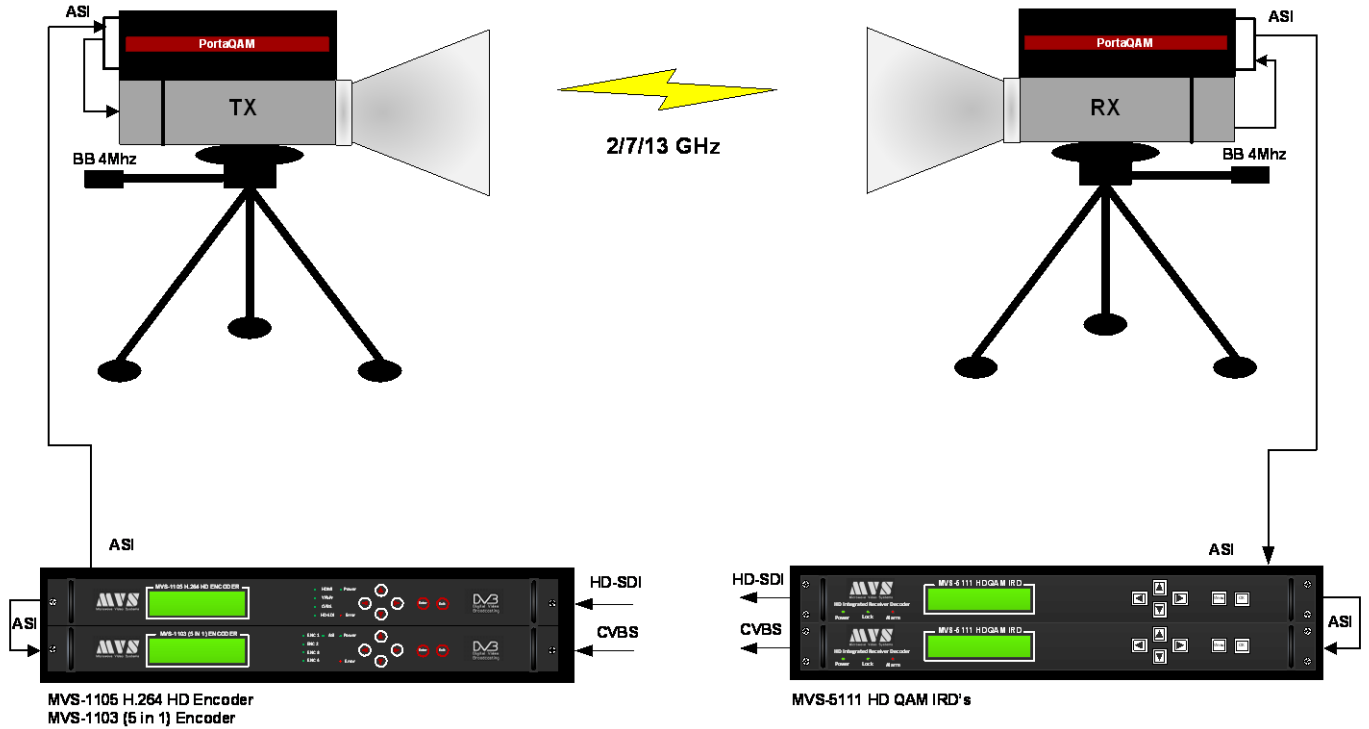


BACK PANEL



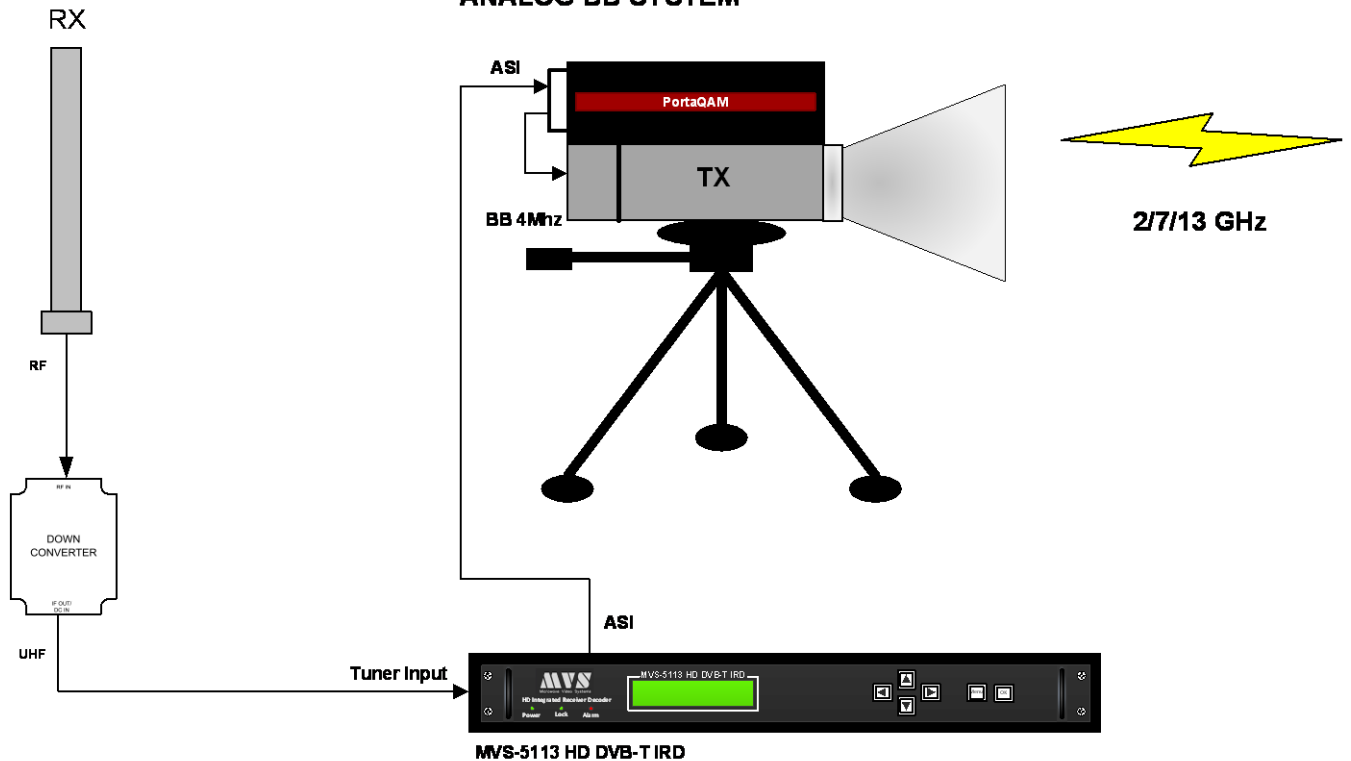
ENG PORTABLE SD/HD SYSTEM

SD/HD-SDI OVER ANALOG BB SYSTEM



ENG PORTABLE HD SYSTEM

DVB-T OVER ANALOG BB SYSTEM



Receives DVD-T Signal
& Outputs ASI

Product Specifications	
Modulation Mode	16, 32, 64, QAM (Factory Set 16 QAM)
Symbol Rate	5.875 Mbaud/s
Data Rate	16QAM @ 21.65Mbps
Modulator Interface	
ASI	DVB Standard
RF Frequency	4 Mhz (fixed output) 387 MHz Dn. Conv.
Demodulator Interface	
ASI	ASI output, cascade MPEG-2 TS
Analog AV Format	NTSC, PAL, AV/RCA
General Features	
Size Modulator	178mm x 343mm x 89mm 7" x 13.5" x 3.5"
Size Demodulator	210mm x 292mm x 76mm 8.25" x 11.5" x 3"
Environment	0~50°C (operating); -25~55°C (storage)
Power	~100-240 VAC, 50/60 Hz, 25W

Features

- DVB standard channel coding
- Supports full range of variable Symbol Rate and QAM Mode; 8M cache, anti-burst stream
- Data filling function
- Configurable PID filter, re-mapping, PSI, SI information synchronization update
- Real-time code stream monitoring
- PCR correction
- Fixed frequency output
- ASI input interface
- Compliant with DVB-C and MPEG-2 (MP@ML) standards
- ASI Output
- CVBS video and stereo audio output
- Supports OSD teletext, 256 color OSD
- User friendly LCD display