

### Digital Set-Top Box

**DST-2000VQ**  
**DST-2000VQR**



### Introduction

This is a Digital Set-Top Box, which is set up on the TV Monitor installed at the terminal and simultaneously accepts VSB/QAM/Analog system of receiving broadcasting signals and control data sent from the broadcasting center into RF and decoding them into Video/Audio signals receivable in the TV Monitor. Also, it can control and forcibly and regularly run Power, Channel and Volume of Local TV according to control data of DAC-5000 Controller in the main broadcasting center.

### Features

- VSB/QAM/Analog concurrent acceptance
- Excellent high definition of ATSC terrestrial HD/SD
- Support Clear QAM (64,256QAM) Annex B
- Terrestrial MMS(Multichannel Broadcasting)
- Digital Dolby (AC-3) 5.1 channel S/PDIF
- Digital Multi lingual broadcast
- Analog Stereo/Dual broadcast
- Program Information and broadcast time table of all CH
- Edit CH. List & registration and deletion
- Digital broadcast signal level measurement capability
- Analog channel frequency fine adjustment
- TV Control with remote control
- Forced broadcast(Optional)
  
- TV Control : Power ON/OFF  
Channel Up/Down  
Volume Up/Down
  
- Control scheme : Address setting  
Individual, group and full control
  
- Support operating state to broadcasting center



Digital SET-TOP BOX  
DST-2000VQ



Forced broadcast SET-TOP BOX  
DST-2000VQR

## Specifications

## DST-2000VQ / DST-2000VQR

ITEM		DST-2000VQ	DST-2000VQR	
<b>Tuner</b>	Frequency Respond	8-VSB	54~806 MHz	54~806 MHz
		QAM	54~864 MHz	54~864 MHz
	Signal Level	8-VSB	-25 ~ 45 dBmV	-25 ~ 45 dBmV
		64QAM	-15 ~ 16 dBmV	-15 ~ 16 dBmV
		256QAM	-12 ~ 16 dBmV	-12 ~ 16 dBmV
	Symbol Rate		1 ~ 7 Mbps	1 ~ 7 Mbps
	IF Frequency		41 ~ 47 MHz	41 ~ 47 MHz
	Band Width		6 MHz	6 MHz
Demodulation		8-VSB, 64/256 QAM (Annex B)	8-VSB, 64/256 QAM (Annex B)	
<b>Data</b>	RX Frequency	-	108.7 MHz	
	TX Frequency	-	16.5 MHz	
	Band Width	-	RX 250~300 / TX 1	
	Speed	-	9,600~19,200 bps	
	Modulation	-	FSK	
	Remote Control Interface	RS-232C	RS-232C	
<b>MPEG TS</b>	Transport Stream	ISO/IEC 13818-1	ISO/IEC 13818-1	
	Input TS Data Rate	Max. 80 Mbps	Max. 90 Mbps	
<b>Video Decoding</b>	Decoding	MPEG-2 MP@ML, MP@HL	MPEG-2 MP@ML, MP@HL	
	Display Format	4:3, 16:9, PAN&Scan, Letter Box	4:3, 16:9, PAN&Scan, Letter Box	
	Resolution	HD : 1080i, 720p / SD : 720i, 480p	HD : 1080i, 720p / SD : 720i, 480p	
<b>Audio Decoding</b>	Audio Decoding	Dolby AC-3	Dolby AC-3	
	Mode	Stereo, Dual, Mono	Stereo, Dual, Mono	
	Symbol Rate	32,44.1 and 48 KHz	32,44.1 and 48 KHz	
<b>System Resources</b>	CPU	166MHz ST20 32bit RISC	166MHz ST20 32bit RISC	
	Flash Memory	8 MB	8 MB	
	SD RAM	32 MB	32 MB	
	EEPROM	32 MB	32 MB	
<b>A/V Interface</b>	Video	RCA	RCA	
	Audio (Ltr)	DSUB	DSUB	
	Y/Pb/Pr	1 Pair	1 Pair	
	Optical	S/PDIF	S/PDIF	
	RF In	Female Type	Female Type	
	Resolution Switch	1080i & 720p, 480P & 480i	1080i & 720p, 480P & 480i	
<b>General</b>	Power Requirements	AC 90~230V, 60Hz	AC 90~230V, 60Hz	
	Power Consumption	45 W	45 W	
	Weight	2.1 Kg	2.1 Kg	
	Dimensions (W x H x D)	320 x 67 x 260 mm	320 x 67 x 260 mm	