



Touchboards

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SVP-5500 RS232C Command User's Reference



SAMSUNG VIDEO PRESENTER

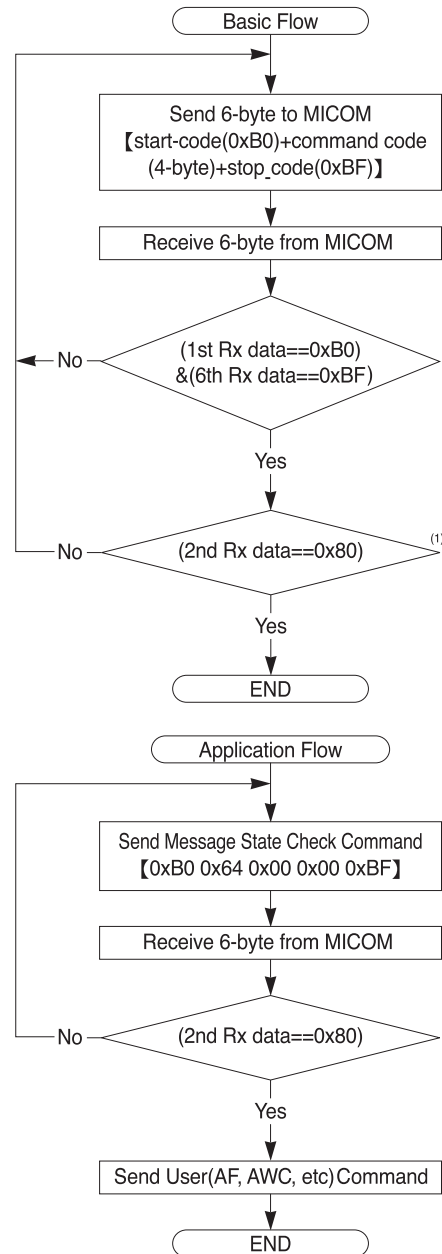
SVP-5500 RS232C PC-side FlowChart

- BaudRate : 4800bps
- Parity Bit : No Parity
- Stop Bit Length : 1-bit
- Character Length : 8-bit
- Start Code : 0xB0
- Stop Code : 0xBF
- Command Code : 4-byte

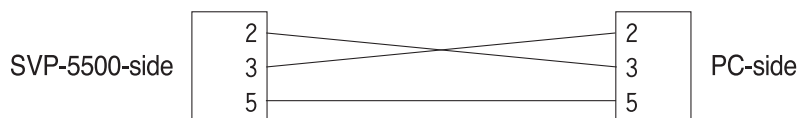
【Note1 2nd Rx data == 0x80】

What the 2nd-Rx-data(“ACK data”) is not 0x80 means that the system is doing other operation. (Check up page 8)

With the command “Message-Status”, you can check up current status of the system and send the user command. (AF, AWC, etc)



SVP-5500 RS232C Cable Connection



SVP-5500 RS232C COMMAND CODE

Command	PC Transmit Data to MICOM				PC Receive Data from MICOM				Remark
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
AWC	0x01	0x00	0x05	0x00	0x01	<u>"ACK data"</u>	0x05	0x00	
AF	0x02	0x00	0x05	0x00	0x02	<u>"ACK data"</u>	0x05	0x00	
Upper Lamp	0x03	0x00	0x05	0x00	0x03	<u>"ACK data"</u>	0x05	0x00	
Lower Lamp		0x00	0x08	0x00		<u>"ACK data"</u>	0x08	0x00	
Lamp OFF		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Internal	0x04	0x00	0x05	0x00	0x04	<u>"ACK data"</u>	0x05	0x00	
External		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Positive	0x05	0x00	0x05	0x00	0x05	<u>"ACK data"</u>	0x05	0x00	
Negative		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
anti-FLK ON	0x07	0x00	0x05	0x00	0x07	<u>"ACK data"</u>	0x05	0x00	
anti-FLK OFF		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	

SVP-5500 RS232C COMMAND CODE

Command	PC Transmit Data to MICOM				PC Receive Data from MICOM				Remark
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Power ON	0x0F	0x00	0x05	0x00	0x0F	<u>"ACK data"</u>	0x05	0x00	
Power OFF		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Reverse ON	0x11	0x00	0x05	0x00	0x11	<u>"ACK data"</u>	0x05	0x00	
Reverse OFF		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Freeze ON	0x12	0x00	0x05	0x00	0x12	<u>"ACK data"</u>	0x05	0x00	
Freeze OFF		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Image Save	0x13	0x00	Number	0x00	0x13	<u>"ACK data"</u>	Number	0x00	Range: "1~8"
Image Recall	0x14	0x00	Number	0x00	0x14	<u>"ACK data"</u>	Number	0x00	Range: "1~8"
Image Divide	0x15	0x00	Number	0x00	0x15	<u>"ACK data"</u>	Number	0x00	Range: "1~8"
Image Shift	0x16	0x00	0x05	0x00	0x16	<u>"ACK data"</u>	0x05	0x00	
Preset Save	0x17	0x00	Number	0x00	0x17	<u>"ACK data"</u>	Number	0x00	Range: "1~8"
Preset Exe	0x18	0x00	Number	0x00	0x18	<u>"ACK data"</u>	Number	0x00	Range: "1~8"
Recall/Divide Cancel	0x1F	0x00	0x05	0x00	0x1F	<u>"ACK data"</u>	0x05	0x00	

SVP-5500 RS232C COMMAND CODE

Command	PC Transmit Data to MICOM				PC Receive Data from MICOM				Remark
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
IRIS Up	0x21	0x00	0x05	0x00	0x21	<u>"ACK data"</u>	0x05	0x00	
IRIS Down		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Volume Up	0x22	0x00	0x05	0x00	0x22	<u>"ACK data"</u>	0x05	0x00	
Volume Down		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Red Up	0x23	0x00	0x05	0x00	0x23	<u>"ACK data"</u>	0x05	0x00	
Red Down		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Blue Up	0x24	0x00	0x05	0x00	0x24	<u>"ACK data"</u>	0x05	0x00	
Blue Down		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Focus FAR	0x25	0x00	0x05	0x00	0x25	<u>"ACK data"</u>	0x05	0x00	
Focus NEAR		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
Zoom Tele	0x26	0x00	0x05	0x00	0x26	<u>"ACK data"</u>	0x05	0x00	
Zoom Wide		0x00	0x0A	0x00		<u>"ACK data"</u>	0x0A	0x00	
⁽¹⁾ Drive Stop	0x2F	0x00	0x05	0x00	0x2D	<u>"ACK data"</u>	0x05	0x00	

【Note1】 Above 12 Command (Iris, Volume, Red, Blue, Focus, Zoom) will go to all the way once you execute it.
 "Drive Stop" code can stop those command in certain point that you want.

SVP-5500 RS232C COMMAND CODE

Command	PC Transmit Data to MICOM				PC Receive Data from MICOM				Remark
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
IRIS Target	0x41	0x00	0x00	Target	0x41	<u>"ACK data"</u>	0x00	Target	Range: "1~120"
Volume Target	0x42	0x00	0x00	Target	0x42	<u>"ACK data"</u>	0x00	Target	Range: "1~120"
Red Target	0x43	0x00	0x00	Target	0x43	<u>"ACK data"</u>	0x00	Target	Range: "1~180"
Blue Target	0x44	0x00	0x00	Target	0x44	<u>"ACK data"</u>	0x00	Target	Range: "1~180"
Focus Target	0x45	0x00	Target(MSB)	Target(LSB)	0x45	<u>"ACK data"</u>	Target(MSB)	Target(LSB)	⁽¹⁾ Range: "0~1494"
Zoom Target	0x46	0x00	Target(MSB)	Target(LSB)	0x46	<u>"ACK data"</u>	Target(MSB)	Target(LSB)	Range: "0~1180"
Focus/Zoom Target	0x47	0x05	Zoom(MSB)	Zoom(LSB)	0x47	<u>"ACK data"</u>	Zoom(MSB)	Zoom(LSB)	⁽¹⁾ Focus: "0~1494"
		0x0A	Focus(MSB)	Focus(LSB)		<u>"ACK data"</u>	Focus(MSB)	Focus(LSB)	Zoom: "0~1180"

【Note1】 Depending of the zoom amount, the range of focus data will be changed.

You can figure it out to see page 7. ("Focus-Status(Max)", "Focus-Status(Min)" command)

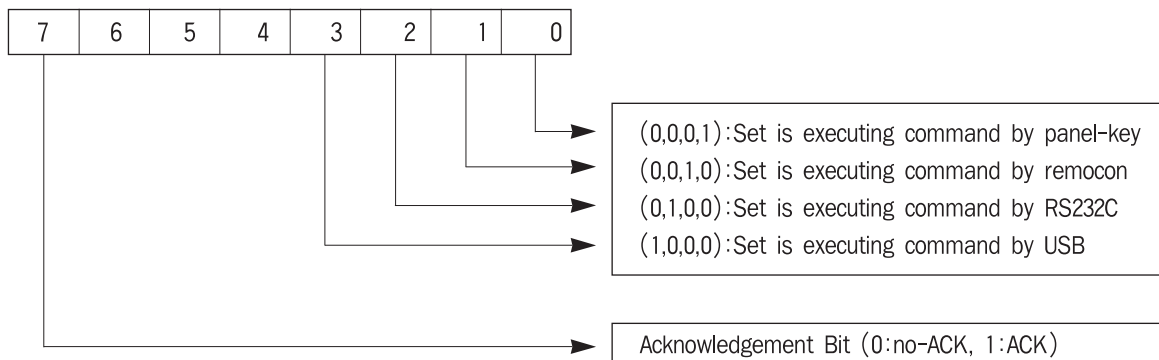
SVP-5500 RS232C COMMAND CODE

Command	PC Transmit Data to MICOM				PC Receive Data from MICOM				Remark
	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Set-Status(Normal)	0x61	0x00	0x00	0x00	0x61	<u>"ACK data"</u>	Status(MSB)	Status(LSB)	Bit definition of Status represents page 8, 9, 10
Set-Status(Digital)	0x62	0x00	0x00	0x00	0x62	<u>"ACK data"</u>	Status(MSB)	Status(LSB)	
Message-Status	0x64	0x00	0x00	0x00	0x64	<u>"ACK data"</u>	0x00	Status	
IRIS-Status	0x65	0x00	0x00	0x00	0x65	<u>"ACK data"</u>	0x00	Status	Range: "1~120"
Volume-Status	0x66	0x00	0x00	0x00	0x66	<u>"ACK data"</u>	0x00	Status	Range: "1~120"
Red-Status	0x67	0x00	0x00	0x00	0x67	<u>"ACK data"</u>	0x00	Status	Range: "1~180"
Blue-Status	0x68	0x00	0x00	0x00	0x68	<u>"ACK data"</u>	0x00	Status	Range: "1~180"
Zoom-Status	0x69	0x00	0x00	0x00	0x69	<u>"ACK data"</u>	Status(MSB)	Status(LSB)	Range: "0~1180"
Focus-Status	0x6A	0x00	0x00	0x00	0x6A	<u>"ACK data"</u>	Status(MSB)	Status(LSB)	Range: "0~1494"
⁽¹⁾ Focus-Status(Max)	0x6B	0x00	0x05	0x00	0x6B	<u>"ACK data"</u>	Status(MSB)	Status(LSB)	Range: "590~1494"
⁽¹⁾ Focus-Status(Min)		0x00	0x0A	0x00		<u>"ACK data"</u>	Status(MSB)	Status(LSB)	Range: "0~1063"

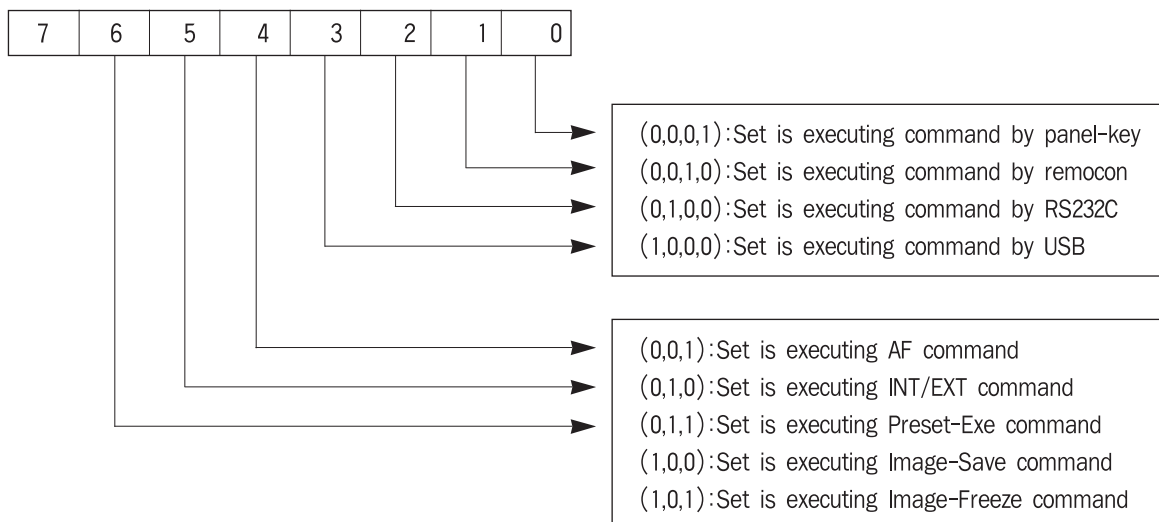
【Note1】 This command returns focus maximum/minimum data at current zoom position.

SVP-5500 RS232C COMMAND CODE

■ Bit Definition of “ACK data”



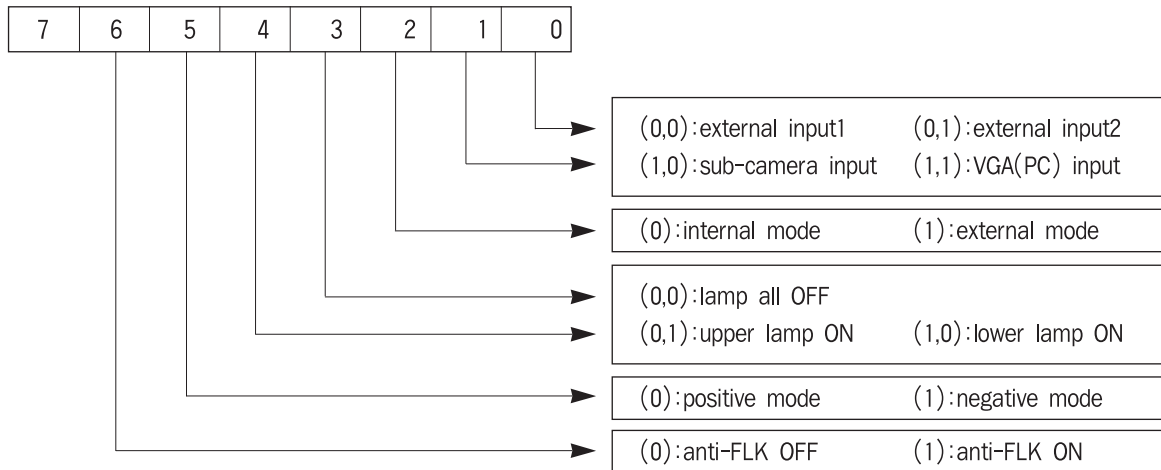
■ Status Bit Definition by Message-Status Command



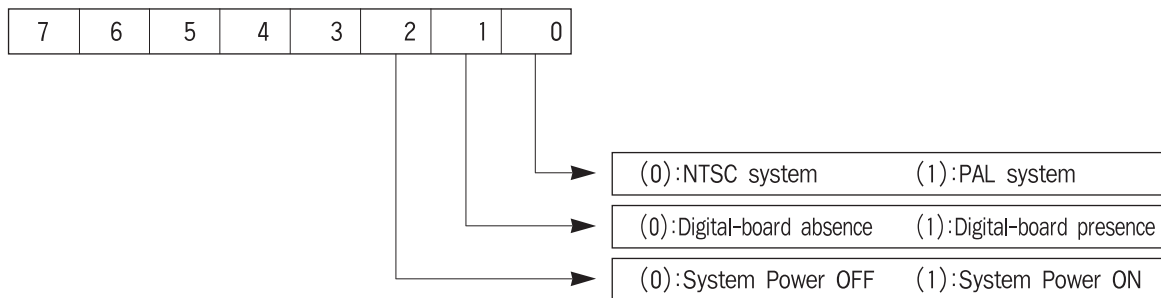
SVP-5500 RS232C COMMAND CODE

■ Status Bit Definition by Set-Status(Normal) Command

- LSB 8bit



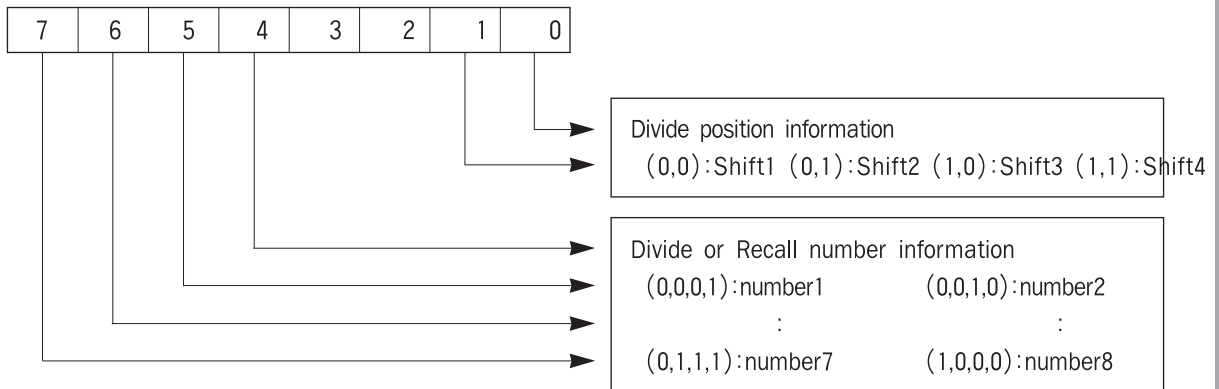
- MSB 8bit



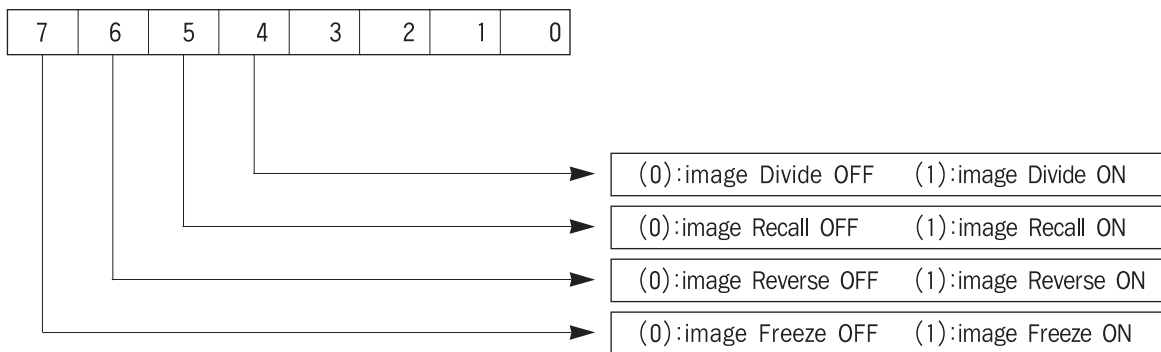
SVP-5500 RS232C COMMAND CODE

■ Status Bit Definition by Set-Status(Digital) Command

- LSB 8bit



- MSB 8bit



memo





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