

TTL control commands (see command list for DV-68)

DV-68, RS232 Interface Definition

Transmit from PC, com port, TTL level

Received by DV68 MCU-CKC317

RS232 TTL Level : 5V

Voltage Level : (0~5V)

TTL Level

Transmit Protocol :

4800,S(=0),8,1

Baud Rate :

4800

Priority Bit Check :

S(=0)

Data Bit Length :

8

Stop Bit No.

1

Initial Status:	Default setting
1	Video
2	16:9
3	Menu
4	OSD Off

RS232 Code(Decimal)	RS232 Code(Hex)	IR Key Code	Content	
1~99	1~63	NA	Play track #1~#99	
100~200	64~C8	NA	Play track #100~#200	
RS232 Code(Decimal)	RS232 Code(Hex)	IR Key Code	Content	
201	C9	1	Standby	Power On/Off
202	CA	2	Reset	Power reset
203	CB	3	NC	-----
204	CC	4	OSD on	Open OSD feature
205	CD	5	Audio Channel	Audio output channel selection
206	CE	6	1	Number button 1
207	CF	7	2	Number button 2
208	D0	8	3	Number button 3
209	D1	9	NC	-----
210	D2	10	4	Number button 4
211	D3	11	5	Number button 5
212	D4	12	6	Number button 6
213	D5	13	Subtitle	Subtitle selection (DVD only)
214	D6	14	7	Number button 7
215	D7	15	8	Number button 8
216	D8	16	9	Number button 9
217	D9	17	NC	-----
218	DA	18	Mute	Mute button
219	DB	19	33	Erase Typos when key in
220	DC	20	NC	-----
221	DD	21	Title	Display Title
222	DE	22	Up Arrow	Move selection bar up
223	DF	23	Menu	Pop out file list for selection/File Library
224	E0	24	Left Arrow	Move selection bar to the left
225	E1	25	Enter / play	Confirm selection made/File playback
226	E2	26	Right Arrow	Move selection bar to the right
227	E3	27	Toggle Video Outputs	S-Video, Component, P-Scan, VGA, and Interlace RGB mode selection
228	E4	28	Down Arrow	Move selection bar down
229	E5	29	Repeat	Select from 6 REPEAT mode

230	E6	30	Video/S-video out	Video/S-video output
231	E7	31	Setup	Activate setup menu
232	E8	32	Display	Display playing status
233	E9	33	Volume +	Volume increase
234	EA	34	VGA output	VGA output
235	EB	35	4:3 P-Scan	Output mode selection
236	EC	36	Zoom	Activate/deactivate the zoom function
237	ED	37	Volume -	Volume decrease
238	EE	38	3D	3D function selection
239	EF	39	Slide Show	Setting up JPG slide show
240	F0	40	Mode	Mode selection (DVD only)
241	F1	41	FB	Fast rewind
242	F2	42	FF	Fast forward
243	F3	43	Prev	Back to previous file
244	F4	44	Next	Go to next file
245	F5	45	Stop	Stop playing file (send command twice)
246	F6	46	Pause	Temporarily stop played file
247	F7	47	Play	File playback
248	F8	48	16:9 full screen	Output 16:9 file in full screen selection
249	F9	49	Repeat Mode	Repeat playing all clips/Menu repeat
250	FA	50	Menu Mode	Play menu clip until other clip selected.
251	FB	51	NC	-----
252	FC	52	OSD OFF	Disable OSD feature
253	FD	53	OSD On	Enable OSD feature
254	FE	54	4:3 letter box	Output 16:9 file in 4:3 mode selection
255	FF	55	NC	-----

Setup procedure:

1. Depress key code 4, 45 then 53 to turn "OSD on" to enable OSD feature before other function selected.
2. OSD on feature will be auto-off

Note: Code function subject to change without notice.