

Interface Data Table

Model	AUDAC CMP-30		
Communication	RS232C UART / 9600bps / Data 8bit		
Version	Ver 1.0	v1.0	

OP Code	Start	Commend	Data 1	Data 2	...	Data n	Stop
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	HEX	Binary	Descriptions				
Start	55H	01010101B	Start communication				
Stop	0AAH	10101010B	Stop communication				
Command	01H	00000001B	Power	On			
	02H	00000010B		Off			
	10H	00010000B	Function	USB			
	11H	00010001B		CD			
	12H	00010010B		Radio			
	30H	00110000B	Volume Set	Data 1			
	31H	00110001B	Volume	Up			
	32H	00110010B		Down			
	40H	01000000B	EQ	Flat			
	41H	01000001B		Rock			
	42H	01000010B		Pop			
	43H	01000011B		Classic			
	51H	01010001B	Treble	Up			
	52H	01010010B		Down			
	53H	01010011B	Bass	Up			
	54H	01010100B		Down			
	60H	01100000B	Play				
	61H	01100001B	Pause				
	62H	01100010B	Stop				
	70H	01110000B	Next				
	71H	01110001B	Back				
	80H	10000000B	DIR	Up			
	81H	10000001B		Down			
	90H	10010000B	Repeate	Off			
	91H	10010001B		One			
	92H	10010010B		All			
	0A0H	10100000B	Random	Off			
	0A1H	10100001B		On			
	0B0H	10110000B	Intro	Off			
	0B1H	10110001B		DIR			
	0B2H	10110010B		All			
	0C0H	11000000B	Freq. Set	Data 1	Data 2	...	Data 5
	0C1H	11000001B	Radio Freq.	Up			
	0C2H	11000010B	Radio Freq.	Down			
	0C3H	11000011B	Radio Band	FM			
	0C4H	11000100B		AM			
	0D0H	11010000B	Status	Request			
	0D1H	11010001B	Status	Data 1	Data 2	...	Data 17
	0E0H	11100000B	Title	Data 1	Data 2	...	Data n
	0E1H	11100001B	Artist	Data 1	Data 2	...	Data n
0E2H	11100010B	Album	Data 1	Data 2	...	Data n	
0E3H	11100011B	DIR	Data 1	Data 2	...	Data n	

Volume Set	Data 1	00H	01H	02H	03H	...	27H	28H
	Value	MIN	1dB	2dB	3dB	...	39dB	MAX
Freq. Set	Data 1	Data 2	Data 3	Data 4	Data 5	The meaning is radio frequency 87.51Hz		
	00H	08H	07H	05H	00H			
Status Report	Data 1	Data 2	Data 3	Data 4	Data 5	Data 6	Data 7	Data 8
	Power	Function	Volume	EQ	Play	Repeate	Random	Intro
					Pause			
					Stop			
	Data 9	Data 10	Data 11	Data 12	Data 13	Data 14	Data 15	Data 16
	Radio Band	Radio Freq.1	Radio Freq.2	Radio Freq.3	Radio Freq.4	Radio Freq.5	Radio Freq.6	Radio Freq.7
	Data 17							
Track No.								

Examples

Volume Up	55H	31H	0AAH	Volume level 1dB up			
Play	55H	60H	0AAH	Play CD or MP3 file on the USB port			
Status Report	55H	0D1H	01H	10H	28H	42H	60H
	Start	Status	Power on	USB	Volume max	Pop	Play
	90H	0A0H	0B0H	0C3H	00H	08H	07H
	Repeate off	Random off	Intro off	FM	Freq.1	Freq.1	Freq.2
	05H	00H	01H	0AAH			
	Freq.3	Freq.4	Track No.1	Stop			