

BR20 IR Codes

		Cycles	HEX
Carrier (kHz)	38000		006D
Bit Period (mSec)	2.200	84	0054
'0' (mSec)	0.300	11	000B
'1' (mSec)	1.900	73	0049
Space		664	0298
RawData			0000
OneTimeBurst	0		0000
RepeatBurst	18		0012
	Dec	Binary	
Run-In Bit	1	1	
Manufacturer (0-3)	0	00	
Device (0-15)	2	0010	
Address (0-7)	1	001	
Function	Code		
	(Dec)	Binary	
	000	00000000	
Analog Balanced 1	001	00000001	
Analog Balanced 2	002	00000010	
Analog RCA 1	003	00000011	
Analog RCA 2	004	00000100	
	005	00000101	
	006	00000110	
Volume Up	007	00000111	
Volume Down	008	00001000	
Mute/Unmute	009	00001001	

BR20 IR Codes

	010	00001010
	011	00001011
	012	00001100
	013	00001101
	014	00001110
Power On/Off	015	00001111
	016	00010000
	017	00010001
	018	00010010
	019	00010011
	020	00010100
	021	00010101
	022	00010110
	023	00010111
	024	00011000
	025	00011001
	026	00011010
	027	00011011
	028	00011100
	029	00011101
Upsample Toggle	030	00011110
Power On	031	00011111

Power Off	032	00100000
Upsample On	033	00100001
Upsample Off	034	00100010
HDMI1 Pass Thru	035	00100011
HDMI2 Pass Thru	036	00100100
HDMI3 Pass Thru	037	00100101
HDMI4 Pass Thru	038	00100110
	039	00100111
	040	00101000
	041	00101001

BR20 IR Codes

	042	00101010
	043	00101011
	044	00101100
	045	00101101
	046	00101110
	047	00101111
	048	00110000
	049	00110001
	050	00110010
	051	00110011
	052	00110100
	053	00110101
	054	00110110
	055	00110111
	056	00111000
	057	00111001
Mute	058	00111010
Unmute	059	00111011
	060	00111100
	061	00111101
	062	00111110
	063	00111111
	064	01000000
	065	01000001
	066	01000010
	067	01000011
USB1	068	01000100
USB2	069	01000101
Streamer	070	01000110
HDMI1	071	01000111
HDMI2	072	01001000
HDMI3	073	01001001

BR20 IR Codes

HDMI4	074	01001010
	075	01001011
	076	01001100
	077	01001101
	078	01001110
	079	01001111
	080	01010000
Digital Source 1 AES1	081	01010001
Digital Source 2 AES2	082	01010010
Digital Source 3 SPDIF1	083	01010011
Digital Source 4 SPDIF2	084	01010100
Digital Source 5 SPDIF3	085	01010101
Digital Source 6 SPDIF4	086	01010110
Digital Source 7 OPTO1	087	01010111
Digital Source 8 OPTO2	088	01011000

	089	01011001
Balance Left	090	01011010
Balance Right	091	01011011
Phase Toggle	092	01011100
Phase Inverted	093	01011101
Phase Not Inverted	094	01011110
	095	01011111
	096	01100000
	097	01100001
	098	01100010
	099	01100011
	100	01100100
Play	101	01100101
Pause	102	01100110
Play/Pause	103	01100111
Stop	104	01101000
Next	105	01101001
Previous	106	01101010
Fast Forward	107	01101011
Fast Rewind	108	01101100
Eject	109	01101101

BR20 IR Codes

	110	01101110
	111	01101111
	112	01110000
	113	01110001
	114	01110010
	115	01110011
	116	01110100
	117	01110101
	118	01110110
	119	01110111
	120	01111000
	121	01111001
	122	01111010
	123	01111011
	124	01111100
	125	01111101
	126	01111110
	127	01111111
	128	10000000
	129	10000001
	130	10000010
	131	10000011
	132	10000100
	133	10000101
	134	10000110
	135	10000111
	136	10001000
	137	10001001
	138	10001010

BR20 IR Codes

	139	10001011
	140	10001100
	141	10001101
	142	10001110
	143	10001111
	144	10010000

	145	10010001
	146	10010010
	147	10010011
	148	10010100
	149	10010101
	150	10010110
	151	10010111
	152	10011000
	153	10011001
	154	10011010
	155	10011011
	156	10011100
	157	10011101
	158	10011110
	159	10011111
	160	10100000
	161	10100001
	162	10100010
	163	10100011
	164	10100100
	165	10100101
	166	10100110
	167	10100111

BR20 IR Codes

	168	10101000
	169	10101001
	170	10101010
	171	10101011
	172	10101100
	173	10101101
	174	10101110
	175	10101111
	176	10110000
	177	10110001
	178	10110010
	179	10110011
	180	10110100
	181	10110101
	182	10110110
	183	10110111
	184	10111000
	185	10111001
	186	10111010
	187	10111011
	188	10111100
	189	10111101
	190	10111110
	191	10111111
	192	11000000
	193	11000001
	194	11000010
	195	11000011
	196	11000100

BR20 IR Codes

	197	11000101
	198	11000110
	199	11000111
	200	11001000

	201	11001001
	202	11001010
	203	11001011
	204	11001100
	205	11001101
	206	11001110
	207	11001111
	208	11010000
	209	11010001
	210	11010010
	211	11010011
	212	11010100
	213	11010101
	214	11010110
	215	11010111
	216	11011000
	217	11011001
	218	11011010
	219	11011011
	220	11011100
	221	11011101
	222	11011110
	223	11011111
	224	11100000
	225	11100001
	226	11100010
	227	11100011
	228	11100100
	229	11100101
	230	11100110
	231	11100111

BR201R Codes

BR20 IR Codes

SETDAC	232	11101000	Preset Enable, xxx.ini: vol=xx.x
PTHDMI	233	11101001	Preset Disable,xxx.ini: vol=save
	234	11101010	Enable external trigger 1 output
	235	11101011	Disable external trigger 1 output Enable external trigger 2 output Disable external trigger 2 output
VOLSET	236	11101100	
VOLPE	237	11101101	
VOLPD	238	11101110	
	239	11101111	
TRIG1EN	240	11110000	
TRIG1DIS	241	11110001	
TRIG2EN	242	11110010	
TRIG2DIS	243	11110011	
Bypass Mode On	244	11110100	
Bypass Mode On/Off	245	11110101	
Bypass Mode Off	246	11110110	
	247	11110111	
	248	11111000	
	249	11111001	
Attenuate 0 dB	250	11111010	
Attenuate 1 dB	251	11111011	
Attenuate 2 dB	252	11111100	
Attenuate 3 dB	253	11111101	
	254	11111110	
	255	11111111	

Sending #10MVOL? over the serial port will return the following:

#10MVOL?

xxxx - set vol 0200 to 1120 (0.1dB units+1000)

UP - inc. vol by +0.25 to +2dB

DN - dec. vol by -0.25 to -2dB

PE - preset enable, save curr vol as preset in BR20.INI

PD - preset disable

PI - query status, return curr vol in 0.5dB (001..255)

QS - query status, return current volume in 0.1dB (0200 to 1120)

? - this text

#10MVOL