

Vityaz® TV Remote Control Protocol

This documents describes Vityaz® infrared remote control protocol.

Suitable for TV models:

- MOBILVISION M
- MICRA
- MICRA M
- ALPHA
- FAVORITE
- LOTOS
- GALAX-21
- GALAX-21M
- PLANIT
- TIME
- ASTRA








And remote control models:

- ПДУ-7
- ПДУ-10
- ПДУ-11

[Vityaz®](#) uses [RC-5](#) protocol with the field bit set to 1. The address is always 0 and the available commands are listed in Table 1.

The commands was obtained with help of [this](#) Arduino project.

Table 1. Vityaz RC-5 commands

Button Symbol	6-bit Command	HEX	DEC	Button Symbol	6-bit Command	HEX	DEC
AV	111000	38	56	OK	111011	3B	59
	001100	C	12	PP	001110	E	14
1	000001	1	1	-	010001	11	17
2	000010	2	2	+	010000	10	16
3	000011	3	3	P+	100000	20	32
4	000100	4	4	P-	100001	21	33
5	000101	5	5	small +	001010	A	10
6	000110	6	6	PIP	100110	26	38
7	000111	7	7	small -	001011	B	11
8	001000	8	8		111100	3C	60
9	001001	9	9		101110	2E	46
0	000000	0	0		101011	2B	43
	001101	D	13		101001	29	41
M	001111	F	15	X	101101	2D	45
red	110111	37	55		101010	2A	42
green	110110	36	54	I - II	100011	23	35
yellow	110010	32	50	i	110101	35	53
blue	110100	34	52	?	101100	2C	44
esc	111111	3F	63				