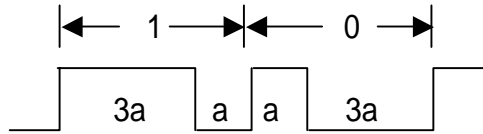# ELITE SCREENS INFRARED REMOTE CONTROL CODE

1. Spectrum, VMAX2 (Plus), Home2(3) and Tension2(3) Series

The wave shape of sending :
And the difference between "0" and "1"

1	0
3a	a	a	3a

"a" is the wave period of 16 X 38K.

Up: 1111 0000 0001
Stop:1111 0000 0010
Down:1111 0000 0100

2. VMAX (Plus), SilverMax, CineTension Series

2.1: Type U (VMAX Only)

Frequency：455Khz
UP   : 010010000
STOP   : 010001000
DOWN : 010000100

2.2 Type G (VMAX, SilverMAX and CineTension)

MCU Code(IR + RF control code protocol)
Remote
Head code+8 digital address code+8 digital operation code
Head Code = 48 counts (Count Clock=32767time/sec)
Digital "1"=24 counts (Counter clock = 32767tim/sec)
Digital "0"=12Counts (Counter clock = 32767tim/sec)
Low level voltage in between each digi. =24 (Counter clock=32767time/sec)
8 digits address code:
1~5digits mapping code to circuit board , high 3 digits and then 0
8 digits operation code
UP   : 0xDD
STOP   : 0xCC
DOWN : 0xEE

2.3 Type X (VMAX Only)

(1) IR Controller is using IC # 2272 and 22262 to send and receive.
Frequency: 38KHZ
UP   : 1000
STOP   : 0100
DOWN   **:** 0010

3. Home Series

Up   : 0xB1 0x4E 0x90 0x6F
Stop   : 0xB1 0x4E 0x8A 0x75
Down : 0xB1 0x4E 0xCA 0x35