

BM451 - 3-channel PWM dimmer / mixer

Program list

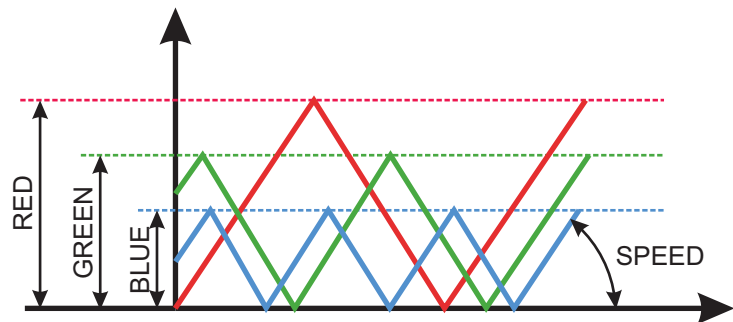
PROGRAM 1

LEDs have the same intensity, which can be adjusted for each color with respective potentiometers.



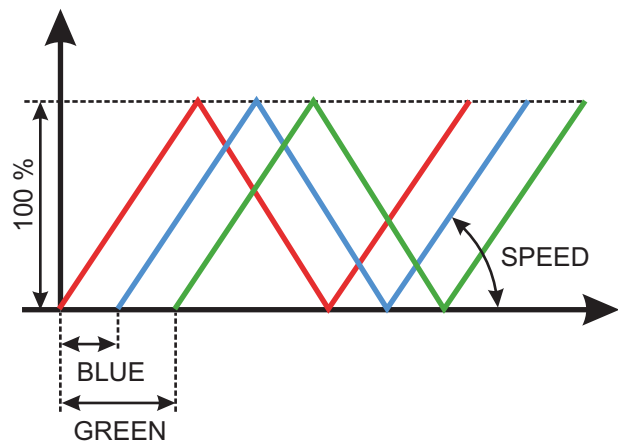
PROGRAM 2

Intensity of each color increases to the value set with potentiometer, then decreases to zero. Slope can be adjusted with SPEED potentiometer.



PROGRAM 3

Intensity of each color changes between 0 and 100%. GREEN and BLUE potentiometers set delay after red color. SPEED sets blinking speed between 4 blinks / sec and 1 blink / 4 sec.



PROGRAM 4

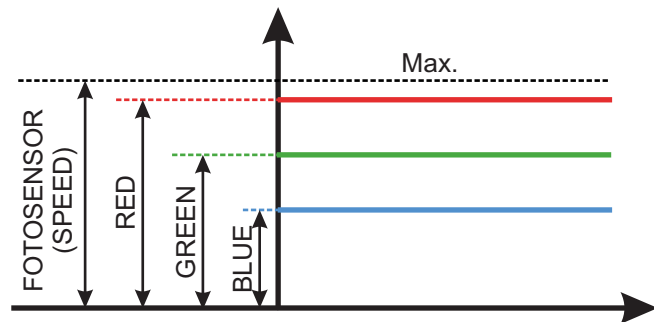
Like PROGRAM 3, but SPEED sets blinking speed between 1 blink / 4 sec and 1 blink / 15 min.

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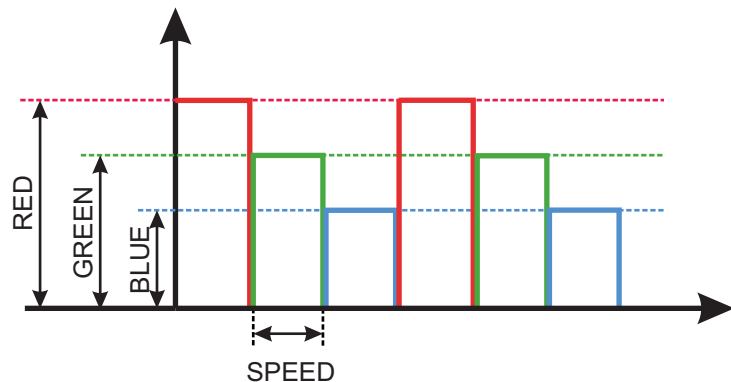
PROGRAM 5

LEDs always have the same intensity, set by respective potentiometer. Highest intensity is set by photosensors (if installed) or SPEED potentiometer (if not). Enables automatic dimming in darkness when eyes are more sensitive.



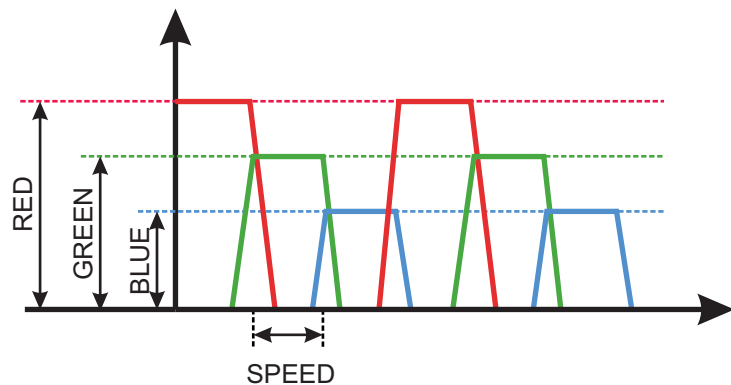
PROGRAM 6

Only one color is on at any point, transition to other color happens instantly. Color intensity is set by respective potentiometers. SPEED potentiometer sets period between 0.5 - 20 sec.



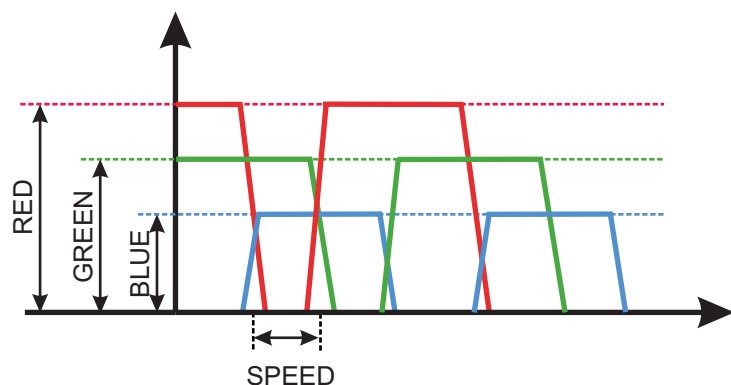
PROGRAM 7

One color is on and then makes slow transition to another color. Intensity is set by respective potentiometers. SPEED potentiometer sets period between 5 sec - 15 min.



PROGRAM 8

Two colors are always on. One of them changes to another in quarter period. Color intensity is set by respective potentiometers. SPEED potentiometer sets period between 5 sec - 15 min.



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PROGRAM 9

All three colors are always on.
One of them changes to
another in quarter period.
Color intensities are preset
and change between:

R=100% G=50% B=20%
R=20% G=50% B=100%
R=50% G=20% B=100%
R=50% G=100% B=20%

SPEED potentiometer sets
period between 5 sec - 15
min.

