



# Batos Radio & TV

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**Distance measuring with Arduino and Ultrasonic Sensor, displayed on a LCD display, with 3 Leds and a Buzzer.**

## Distance

- No LED on distance is just over 3m and the distance will be displayed on the LCD.
- Green LED comes at a distance just under 3m and the distance will be displayed on the LCD.
- Yellow LED comes at a distance just under 2.5m and the distance will be displayed on the LCD.
- Red LED and Buzzer will come on at distance just under 2m and the distance will be displayed on the LCD. Accuracy of the measurement is +5mm.

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Of course different distances up to 4m can be programmed with different set points for LEDS and Buzzer to come on, besides accurate measurement in cm will be displayed on the LCD display.

Power supply required to power the system : 7.5V to Max 12V DC at 200mA

Ideal: 9V DC

