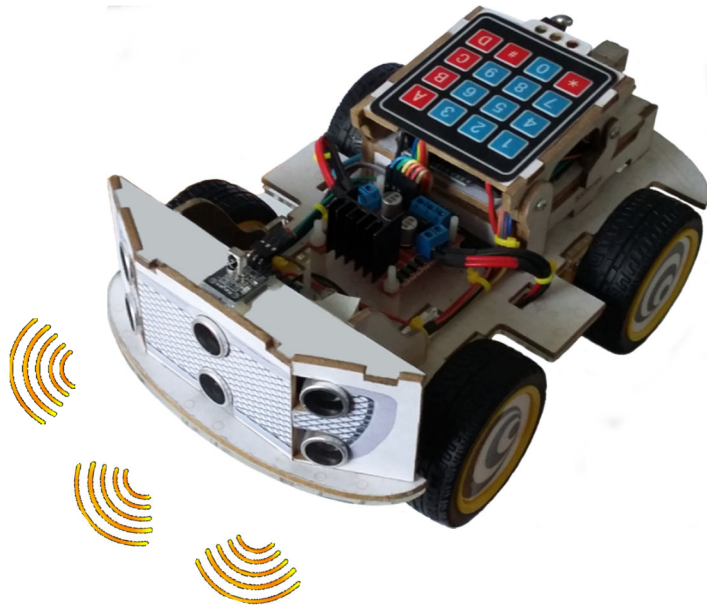


# 4 x 4 Autonomous Car – Demo Functions



## Features:

- Full autonomous running via ultrasonic sensors.
- Replays recorded movement sequence
- 10 second pause function for handling
- Duplicate Keypad and IR remote control MMI
- Stiction reduction and speed control

## Button Functions



'Soft' RESET from all modes, sets default values



Autonomous mode. Keypad sets sensor range, A and B buttons set drive speed.



Back-off mode. Keypad sets sensor range, 1 = shortest, 5 = default, 0 = longest.



Command 'replay' mode. Keypad sets sensor range, 1 = shortest, 5 = default, 0 = longest.



Drive mode. Keypad sets direction speed. A-key toggles dither. C toggles constant speed control.



Freeze current mode for 10 seconds.

Keypad either acts as a joystick setting direction/speed, or for setting sensor range; 1 = shortest, 0 = longest.















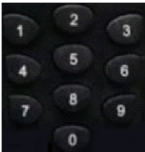

# 4 x 4 Autonomous Car – Demo Functions



## Features:

- Full autonomous running via ultrasonic sensors.
- Replays recorded movement sequence
- 10 second pause function for handling
- Duplicate Keypad and IR remote control MMI
- Sensor ranging can be changed on the fly.
- Stiction reduction and speed control

## Button Functions

Button	Functions
 =  = 	'Soft' RESET from all modes, sets default values
 =  = 	Autonomous mode. Keypad sets sensor range, A and B buttons set drive speed. Joypad can steer.
 = 	Back-off mode. Keypad sets sensor range, 1 = shortest, 5 = default, 0 = longest.
 = 	Command 'replay' mode. Keypad sets sensor range, 1 = shortest, 5 = default, 0 = longest.
 = 	Drive mode. Keypad sets direction speed. A-key toggles dither. C toggles constant speed control.
 = 	Freeze current mode for 10 seconds.
 = 	Keypad either acts as a joystick setting direction/speed, or for setting sensor range; 1 = shortest, 0 = longest.