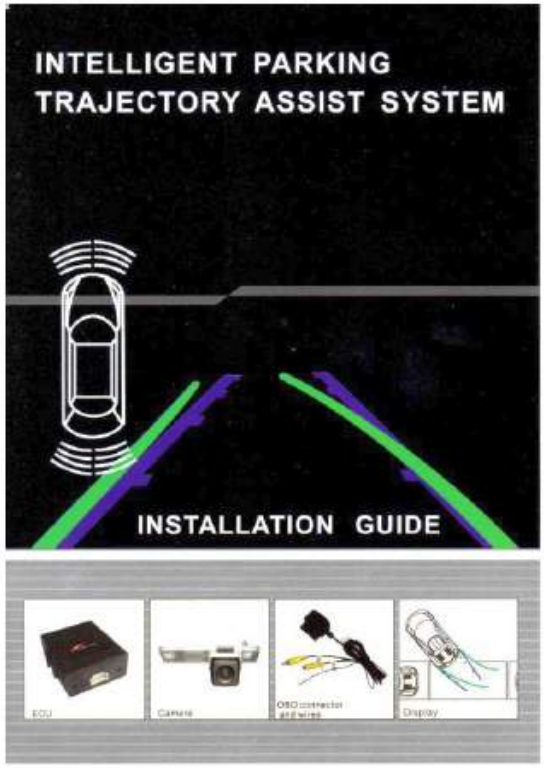


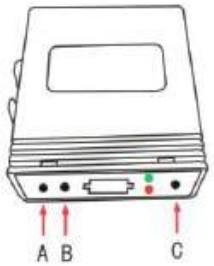
FUNCTION DESCRIPTION

Our intuitive parking assist system, featured here, For use in cars equipped with electronic stability control, this system assists in turning the steeling wheel properly and parking precisely by using a rearview camera and an ECU to generate an image-based parking trajectory displayed on an interior monitor. The monitor displays the image which shows the angle at which the car is turning, along with the ideal parking space. Our parking assist systems are compatible with original CAN-bus parking sensors. We also offer our own parking sensors, which are sold separately.
The featured system is also very easy to install. The ECU simply plugs into vehicle's OBD-II socket (for most of the car brands and models)

TECHNICAL SPECIFICATION

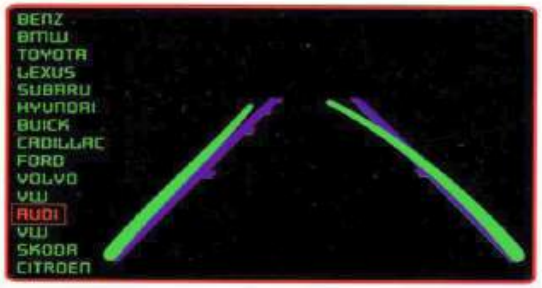
- Working voltage: +8V~+16V
- Working temperature: -20℃æ70℃
- Video output: Standard RCA male terminal
- System supported: NTSC / PAL (both)
- Signal range: 1Vpp
- CANBUS velocity ratio: 33K~500K CANBUS
- Data supported: ESP / VSA / VSC/ DSC (any vehicles with electronic stability program)
- Static power consumption: ≤Q 0.1mA
- Working current: ≤Q150mA
- Driving signal voltage:≈ Car battery voltage
- Driving signal current: ≤Q 300mA
- Angular resolution: ≈ 1° (Geometry)
- Dim guidance distance: ≈20m.

HOW TO SELECT DIFFERENT CAR BRANDS AND MODELS

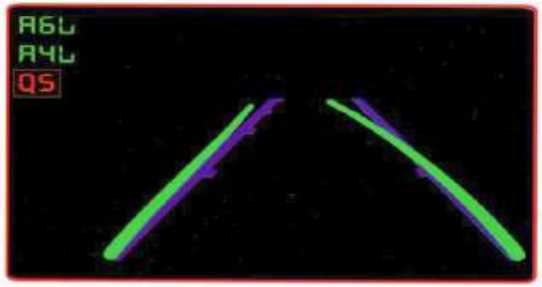


Factory setting can only set one certain car brand with model NO. The purchaser can designated it before factory delivery. In case use this device for other car brands and models within table 1 or table 2, you need to select your desired car brand and model by pressing buttons in the ECU (Electronic Control Unit) After installation, put the car into reverse gear, the IPAS system is started. Press and hold button C continuously for Minimum. 2 seconds, enter into menu of car brands. Press Button A or Button B to select your desired car brand, Button A is for selecting upward while Button B is for selecting downward. After the selected one beco-mes Red color, see figure Step 1, press Button C shortly, enter into car models menu, Press Button A or Button B to select your desired car model. After the sel-ected one become Red color, see figure Step 2, press and hold Button C for Minimum.2 seconds or do not press any buttons, it memorizes the current setting and returns to the main interface automatically.

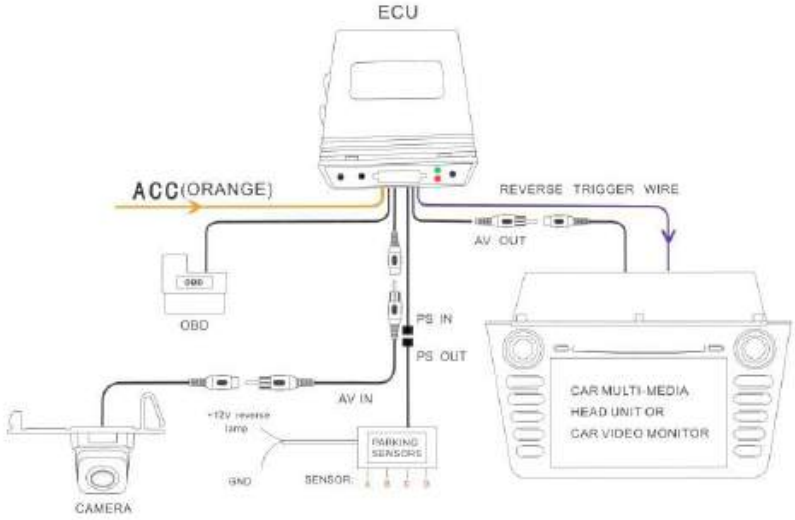
Step 1



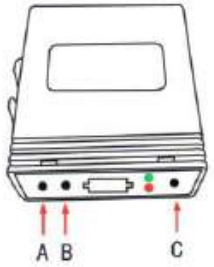
Step 2



INSTALLATION SKETCH DIAGRAM FOR TABLE 1 (ECU01)

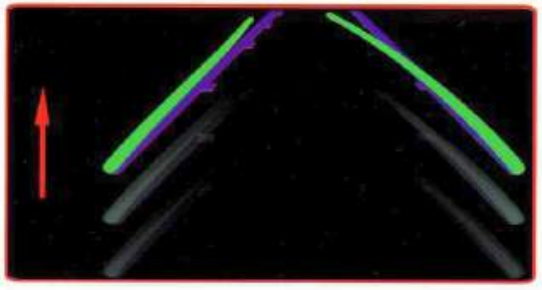


HOW TO ADJUST THE DANAMIC LINES TO BE PRECISE

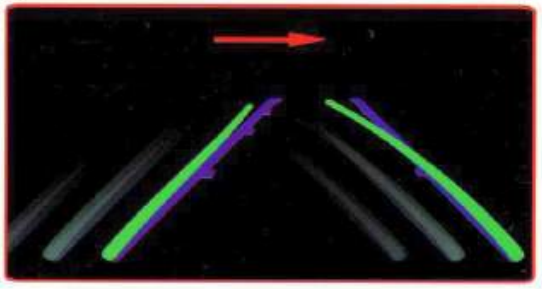


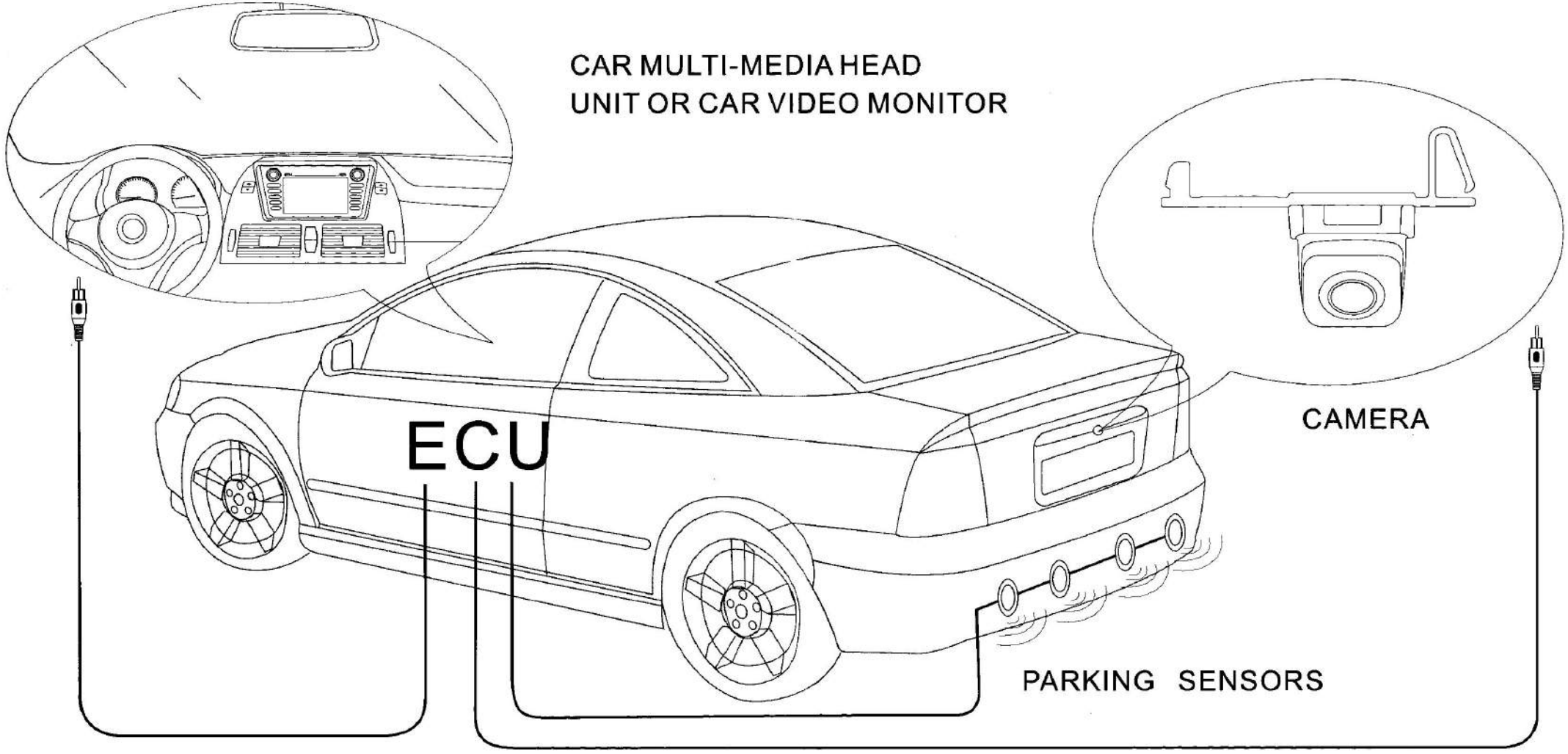
Due to the differences of pitch angle and mounting position of cameras, the dynamic backing lines may not be perfectly precise. For optimal performance, you are suggested to adjust them via buttons in ECU, Please see below operation instructions.
A. Press and hold Button A for Minimum 2 seconds, the dynamic backing lines will move downwards by one cell. Press and hold as many times as you move to the lowest, after you move to the lowest, press and hold it again, it returns to the topmost. It is a loop operation. You can also press and hold button A as long as you move to optima position.
B. Press and hold Button B for 2 seconds, the dynamic backing lines will move to the right side by one cell. Press and hold as many times as you move to the rightmost, after you move to the rightmost, press and hold it again, it returns to the leftmost. It is a loop operation. You can also press and hold button B as long as you move to optima position.

A Down most → Up most Cycle



B Left most → Right most Cycle




CAR MULTI-MEDIA HEAD
UNIT OR CAR VIDEO MONITOR
ECU
CAMERA
PARKING SENSORS