

## DT-506

### “Basic Front and Back LCD System”



REVERSE BACKING SYSTEMS

### - FUNCTIONS -

- When reversing, the 4 rear sensors (in bumper) send ultrasonic waves (4 times per second) that detect obstacles behind vehicle. The controller receives signal & transmits to LED display/speaker. The front sensors are always on unless the system is in reverse. If vehicle is powered, the front sensors are sending out sonar waves to detect objects, and front sensors are designed to assist drivers park vehicle in garages and parallel parking.

**REAR:** Speaker emits long intermittent beeps when objects are within 4 to 6 feet of when vehicle is in reverse . As vehicle moves closer to obstacle, the beep increases in frequency. When vehicle is within 1 foot or less to obstacle, the speaker emits a continuous sound.

**FRONT:** LED display activates (speaker does not emit sound like rear sensors) when objects are within 3 feet from front of vehicle as long as vehicle is on and not in reverse.

- Premium VFT LCD (3.3" by 1.5") displays in feet how close object is to sensors. LCD screen is 2 color with indicators for which side of vehicle an object is detected. The speaker is integrated into LCD display and has a low/high volume setting.
- Rear power is supplied by tapping into reverse lights; system is activated only when vehicle is in reverse. Front sensor power is tapped into accessory power and is activated when vehicle is on.

### - ADVANTAGES -



REVERSE BACKING SYSTEMS

#### **Sensors:**

Two front sensors have 24' cables to reach rear of vehicle where the controller is installed. Also, front sensors only have a 3' detection zone so system does not activate in traffic. System includes 5 degree angle wedges for installation in angled bumper



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#### **VFT LCD Display:**

Display only activates and does not emit sound for front sensors. VFT LCD display will inform driver how far object is in feet as well as which side of vehicle object is. LCD has built-in speaker with low/high volume setting

### - INCLUDED IN PACKAGE -

Six 21 mm sensors (8 rear foot sensor cable, 24 foot front sensor cable), VFT LCD display with integrated speaker (10 foot cable), controller, drill bit, and owners man./installation instructions