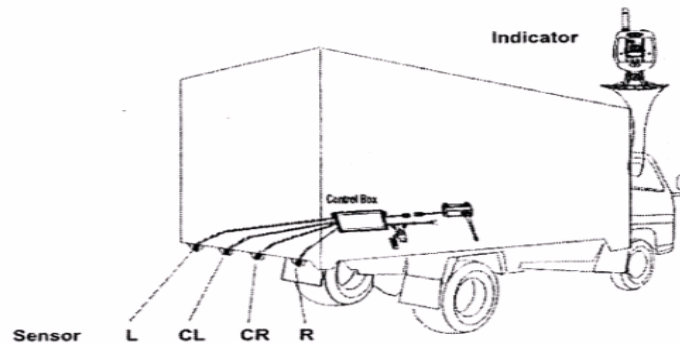


Product Operation Description of RFDP8807

This product is the display part of a parking sensor system, which is designed with ultrasonic technology to assist the driver to park or reverse the vehicle. This product will be placed on the dashboard of the vehicle for display. It would be operated with the controller part and the transmitter part of the parking sensor system. See below picture for the installation information of the system.



Note

Figures are set up with TXL88R07 as an example.

This product is powered by the same power source, which would be DC 12V from the vehicle lead-acid batteries, as the reverse lights. The main function of the product is to receive the RF signal from transmitter part of the same system, demodulate the signal and display the distance reading in the LED display segments. RF link is setup between this product and the transmitter part in 2FSK half-duplex form. While in the power on handshake period, RF signal for ID confirmation would be transmitted from the product to the transmitter. Also while the 'link' button is pressed, RF signal for inquiry of the transmitter part ID will be sent out. It only happens on the first-time operation, and there is no need to press the 'link' button again next time unless the transmitter part is replaced with a new one. Integral antenna is used. The frequency range of the product is 915.11MHz and 916.58MHz. The half-duplex RF link of the system will be auto tuned to one of above channel that is available.

What is more, audible beeping would be emitted from the buzzer of the product to alarm the driver of the distance of an object up to 1.5 meters.