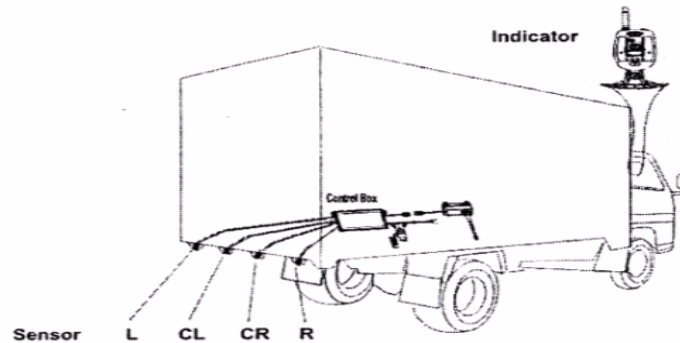


Product Operation Description of RF001DTX

This product is the transmitter part of a parking sensor system, which is designed with ultrasonic technology to assist the driver to park or reverse the vehicle. It would be operated with the controller part and the display 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 5V from the vehicle lead-acid batteries, as the reverse lights. The main function of the product is to transmit the RF signal to display part of the same system. RF link is setup between this product and the display part in 2FSK half-duplex form. While in the power on handshake period, RF signal for ID confirmation would be transmitted from this product to the display part. It only happens on the first-time operation, and after ID confirmation, the signal of alarm will be transmitted from this product to the display part frequently.

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.