

# MANDATORY SAFETY INSTRUCTIONS TO INSTALLERS AND USERS

- Use only manufacturer or dealer supplied antenna.
- **Antenna Minimum Safe Distance: Refer to the values in the table below.**
- Antenna Gain: 0 dBd referenced to a dipole.

The Federal Communications Commission has adopted a safety standard for human exposure to RF (Radio Frequency) energy which is below the OSHA (Occupational Safety and Health Act) limits.

- **Antenna Mounting:** The antenna supplied by the manufacturer or radio dealer must not be mounted at a location such that during radio transmission, any person or persons can come closer than the minimum safe distance indicated in the table below.
- To comply with current FCC RF Exposure limits, the antenna must be installed at or exceeding the minimum safe distance shown above, and in accordance with the requirements of the antenna manufacturer or supplier.
- Vehicle installation: The antenna can be mounted at the center of a vehicle metal roof or trunk lid, if the minimum safe distance is observed.
- Base Station Installation: The antenna should be fixed-mounted on an outdoor permanent structure. RF Exposure compliance must be addressed at the time of installation.

**Antenna substitution:** Do not substitute any antenna for the one supplied or recommended by the manufacturer or radio dealer.

You may be exposing person or persons to excess radio frequency radiation. You may contact your radio dealer or the manufacturer for further instructions.



## WARNING

Maintain a separation distance from the antenna to person(s) of at least the distance indicated in the table below.

You, as the qualified end-user of this radio device must control the exposure conditions of bystanders to ensure the minimum separation distance (table below) is maintained between the antenna and nearby persons for satisfying RF Exposure compliance. The operation of this transmitter must satisfy the requirements of Occupational/Controlled Exposure Environment, for work-related use, transmit only when person(s) are at least the minimum distance from the properly installed, externally mounted antenna. Transmit only when people outside the vehicle are at least the recommended minimum lateral distance away from the antenna/vehicle.

### Antenna Minimum Safe Distance

NX-700-K/ NX-700H-K/ TK-5720-K	130 cm (4.3 feet), 50% duty Cycle
NX-800-K/ NX-800-K2/ NX-800H-K/ NX-800H-K2	110 cm (3.6 feet), 50% duty Cycle
NX-900-K/ NX-901-K	60 cm (2 feet), 50% duty Cycle
NX-720HG-K/ NX-820HG-K	120 cm (4 feet), 50% duty Cycle
NX-920-K/ NX-920G-K	20 cm (8 inches), 50% duty Cycle
NX-740HV-K/ NX-840H-K/ NX-840HU-K	120 cm (4 feet), 50% duty Cycle
TK-5820-K/ TK-5820-K2	110 cm (3.6 feet), 50% duty Cycle