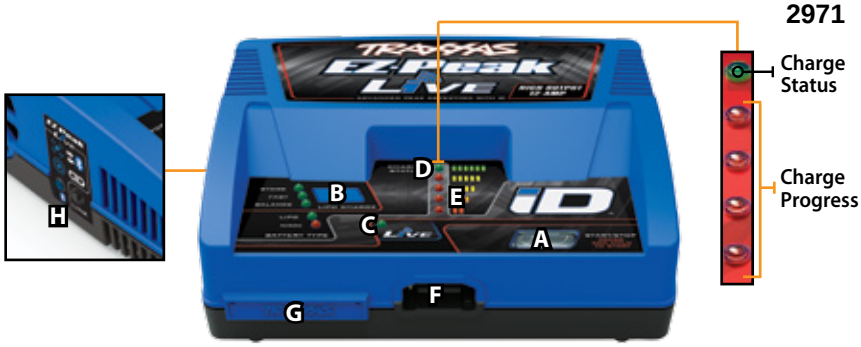
TRAXXAS EZ-Peak Live

NiMH/LiPo FAST CHARGER INSTRUCTIONS

Covers Part #2971
Intelligent battery charger
2971

Thank you for purchasing the Traxxas EZ-Peak Live™ charger. This charger features exclusive Traxxas innovations that make charging batteries easier and safer than ever. If you have any questions or concerns about your charger, please contact our customer support team for fast, friendly answers and solutions. Contact information is at the bottom of this page.

WARNING! For best charging results and your safety, it is essential that you read and understand these instructions, warnings, and precautions before using the charger. Charging and discharging batteries has the potential for serious injury and damage to property. Use care when charging and follow all instructions and cautions.



A. Battery iD Start/Stop
B. LiPo Charge Mode Select
C. App Live LED
D. Charge Status LED
E Charge Progress LEDs
F. Charger Output Port (Traxxas High-Current Connector)
G. 2S/3S/4S Lipo Balance Ports (pull to remove cover)
H. **Bluetooth®** Button

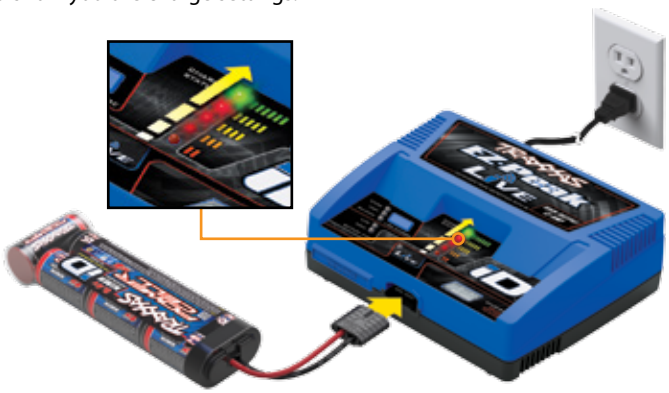
Identifying iD Batteries

LiPo battery shown, NiMH battery similar

Charging Traxxas iD NiMH Batteries

1. Plug the charger into an AC wall outlet and connect the battery

The charger will recognize the iD battery and show you the charge settings.

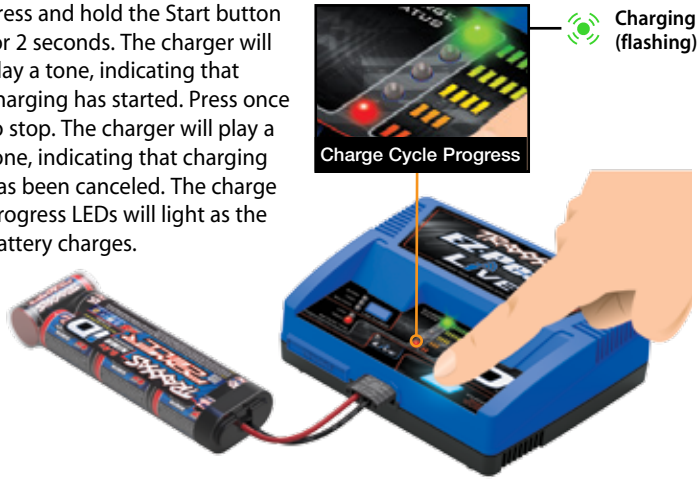


2. Verify the charge settings

Battery type selected must match the battery type shown on the battery.

3. Charging

Press and hold the Start button for 2 seconds. The charger will play a tone, indicating that charging has started. Press once to stop. The charger will play a tone, indicating that charging has been canceled. The charge progress LEDs will light as the battery charges.



4. Charge cycle complete

The charger will play a complete tone, followed by a beep to indicate charging is complete.

The EZ-Peak Live will trickle charge your NiMH battery at a minimum of 100mA for 12 hours after the charge cycle is complete.

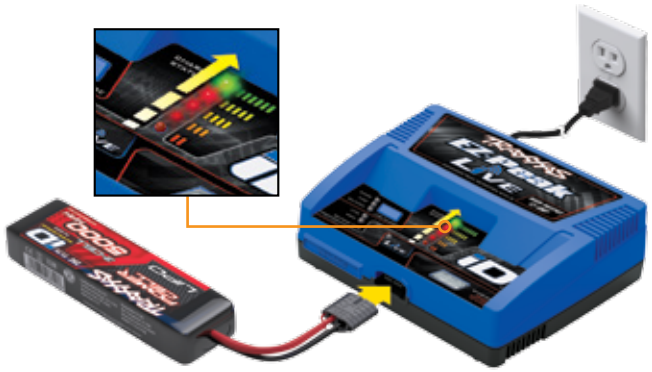
Traxxas, 6250 Traxxas Way, McKinney, TX 75070, Phone: 1-888-TRAXXAS (Toll-free, US only) or 972-549-3000, Fax: 972-549-3011, e-mail: support@Traxxas.com

HKC16014-R00 160818

Charging Traxxas iD LiPo Batteries

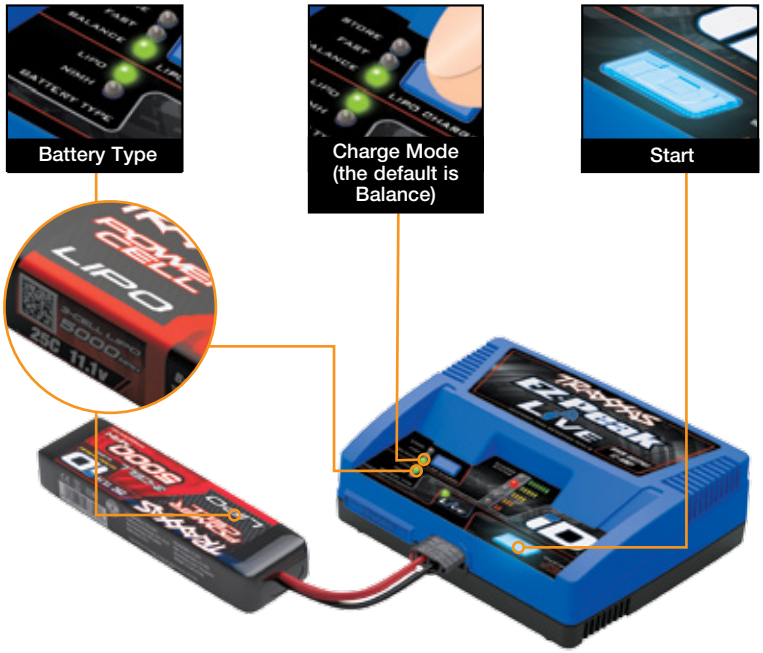
1. Plug the charger into an AC wall outlet and connect the battery

The charger will recognize the iD batteries and show you the charge settings.



2. Verify the charge settings

Battery type selected must match the battery type shown on the battery.



LiPo Charging Modes

Change your LiPo charging mode, if desired.
The default setting for iD LiPo batteries is Balance Charge.

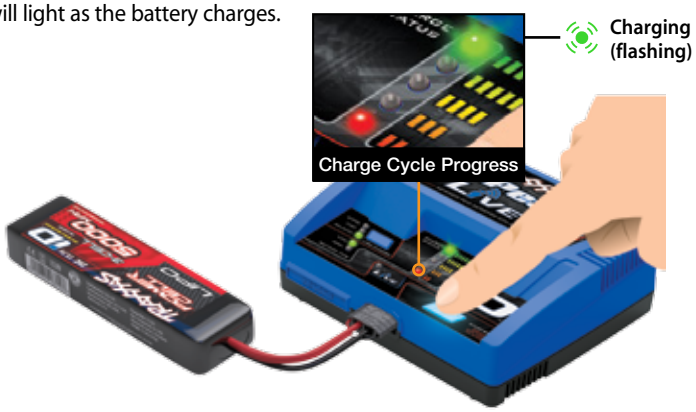
Storage Charge
Makes it easy to charge or discharge the battery to the proper storage voltage. Use this mode whenever the battery will be stored unused for more than 7 days.

Fast Charge
Fast charges your battery without balancing your cells. Stops charging when battery is fully charged or when the first cell reaches peak voltage. Depending on the battery, this may reduce the charge time by a few minutes.

Balance Charge
Always balance charge your LiPo batteries for maximum capacity, voltage, and battery life. This is the default setting for Traxxas iD batteries. The EZ-Peak Live performs a balance charge quickly and efficiently.

3. Charging

Press and hold the Start button for 2 seconds. The charger will play a tone, indicating that charging has started. Press once to stop. The charger will play a tone, indicating that charging has been canceled. The charge progress LEDs will light as the battery charges.



4. Charge cycle complete

The charger will play a complete tone, followed by a beep to indicate charging is complete.

Pairing the EZ-Peak Live Charger with the EZ-Peak Live App for the first time

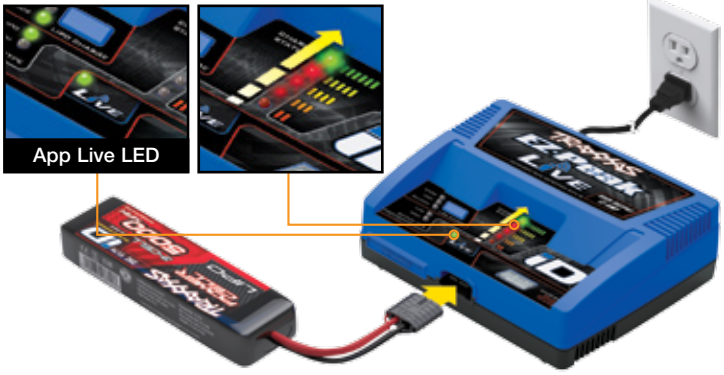
The EZ-Peak Live charger is equipped with **Bluetooth®**. This transforms your Apple® iPhone®, iPad®, iPod touch®, or Android™ device into a powerful tool that equips the charger with an intuitive, high-definition, full-color graphical user interface. The powerful EZ-Peak Live App (available in the Apple App Store℠ or on Google Play™) makes it easy to learn, understand, and access available charging options. Adjust the charger settings by simply touching and dragging the sliders on the screen. **Note:** You can pair your mobile device with multiple EZ-Peak Live chargers and use the app to toggle between the paired chargers to select charge settings and monitor charge progress.

1. Launch the EZ-Peak Live App on your mobile device. Plug the charger into an AC wall outlet.
2. Press the **Bluetooth®** button on the side of the charger. The blue LED will blink.
3. Within 10 seconds, tap "Press Here to Connect".
4. The **Bluetooth®** icon in the status bar will turn blue and the blue **Bluetooth®** LED on the side of the charger will glow solid blue.
5. The EZ-Peak Live charger and the EZ-Peak Live App are now paired. The charger and app will automatically connect when the charger is powered up and the app is running. The green App Live LED on the charger will glow solid green when the paired charger is selected using the EZ-Peak Live App.

Charging Traxxas iD NiMH or LiPo Batteries using the EZ-Peak Live App

1. Open the EZ-Peak Live App on your mobile device; plug the charger into an AC wall outlet and connect the battery

The charger will recognize the iD battery and the charge settings will be displayed in the EZ-Peak Live App.

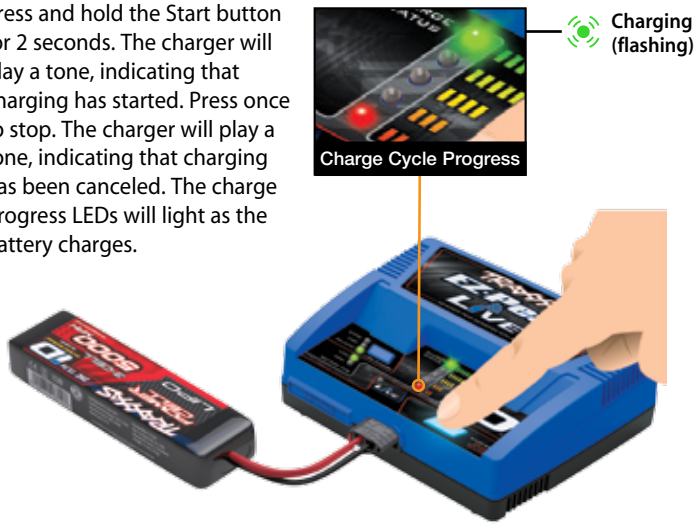


2. Verify the charge settings

Battery type displayed in the app must match the battery type shown on the battery. Use the app to select the charge rate and to select **Balance**, **Fast**, or **Storage Charge** for LiPo batteries.

3. Charging

Press and hold the Start button for 2 seconds. The charger will play a tone, indicating that charging has started. Press once to stop. The charger will play a tone, indicating that charging has been canceled. The charge progress LEDs will light as the battery charges.



4. Charge cycle complete

The charger will play a complete tone, followed by a beep to indicate charging is complete.

Charging Traxxas Batteries without iD using the EZ-Peak Live App

1. Open the EZ-Peak Live App on your mobile device; plug the charger into an AC wall outlet and connect the battery

When a battery is connected for charging that does not have Traxxas Battery iD, the red charge progress LEDs will sweep in a scanning motion and the charger buttons will be disabled. The EZ-Peak Live App will indicate that a battery without Traxxas iD is connected to the charger. The app must be used to select the charge settings.

WARNING: DO NOT attempt to charge LiPo batteries with missing or damaged balance connectors. If you fail to plug in the balance connector, or attempt to charge a LiPo battery with a damaged or missing balance connector, you create the risk of accidentally selecting to charge a LiPo battery in NiMH mode, resulting in fire and possible injury to yourself and others. Always make sure to select the battery type that matches the connected battery. **If you do not understand what this warning means, contact Traxxas for more information.**

2. Use the EZ-Peak Live App to select the battery type, charging mode, battery capacity, and charge rate.

Once the app sends these charge settings to the charger, the Start button will blink green.

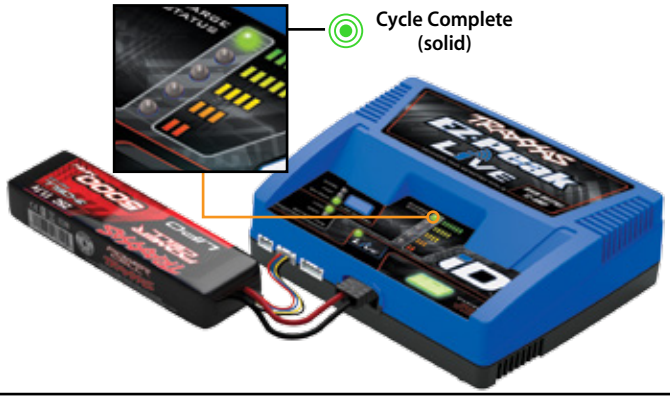
Note: If the LiPo battery type is selected, a balance plug connection is required by the charger and the EZ-Peak Live App before displaying the LiPo charging options. Once the charger detects a balance plug connection, the EZ-Peak Live App will display the charging options and you can select your preferred charging mode: **Balance**, **Fast**, or **Storage Charge**. If the LiPo and NiMH LEDs alternately blink, then the balance connector is either disconnected or damaged. **Do not attempt to charge this LiPo battery.**

3. Charging

Press and hold the Start button for 2 seconds. The charger will play a tone, indicating that charging has started. Press once to stop. The charger will play a tone, indicating that charging has been canceled. The charge progress LEDs will light as the battery charges.

4. Charge cycle complete

The charger will play a complete tone, followed by a beep to indicate charging is complete.



Charger Error Codes

If the charger detects an error during the charge process, the charge status LEDs will flash an error code.

Error Code	Explanation	Solution
● ○ ○ ○	The detected battery type does not match the charger configuration.	a. Press the Battery iD Start/Stop button to return to charger configuration. b. Verify that the battery matches the selected type (LiPo or NiMH). c. Verify that the balance connector is plugged into the charger (if charging a non-iD LiPo battery) or fully plugged into the charger (if charging an iD LiPo battery). d. Inspect the battery for any signs of damage.
○ ● ○ ○	The battery or cell voltage is too high or too low to charge safely.	a. Verify that the balance connector is plugged into the charger (if charging a non-iD LiPo battery). b. Disconnect the battery and check its condition. Ensure it is within safe voltage levels. c. Use the EZ-Peak Live App to verify charge settings.
○ ○ ● ○	The charge cycle timed out without reaching the target battery voltage.	Disconnect the battery and check its condition.
○ ○ ○ ●	The Traxxas battery iD is detected but is not readable by the charger or the charger detected a potential battery iD error.	Contact Traxxas Customer Support.
● ● ● ○	The internal charger temperature is too high.	Power off the charger and allow it to cool before attempting to charge the battery again.

Updating Firmware

Your EZ-Peak Live charger has the ability to receive firmware updates that can add new features and capabilities. Firmware updates are performed via the EZ-Peak Live App. Visit Traxxas.com for the latest firmware updates and instructions for how to install them on your charger.

WARNING! CAUTION! DANGER!

FIRE HAZARD! CHARGING AND DISCHARGING BATTERIES HAS THE POTENTIAL FOR FIRE, EXPLOSION, SERIOUS INJURY, AND PROPERTY DAMAGE IF NOT PERFORMED PER THE INSTRUCTIONS . BEFORE USE, READ AND FOLLOW ALL MANUFACTURER'S INSTRUCTIONS, WARNINGS, AND PRECAUTIONS. NEVER ALLOW CHILDREN UNDER THE AGE OF 14 TO CHARGE OR USE LIPO BATTERIES WITHOUT THE SUPERVISION OF A RESPONSIBLE, KNOWLEDGEABLE ADULT.

Important warnings for users of Lithium Polymer (LiPo) batteries

Lithium Polymer (LiPo) batteries are significantly more volatile than other rechargeable batteries.

- ONLY use a Lithium Polymer (LiPo) balance charger with a balance adapter port to charge LiPo batteries. Never use NiMH or NiCD-type chargers or charge modes to charge LiPo batteries. DO NOT charge with a NiMH-only charger. The use of a NiMH or NiCD charger or charge mode will damage the batteries and may cause fire and personal injury.
- Never charge LiPo battery packs in series or parallel. Charging packs in series or parallel may result in improper charger cell recognition and an improper charging rate that may lead to overcharging, cell imbalance, cell damage, and fire.
- ALWAYS inspect your LiPo batteries carefully before charging. Look for any loose leads or connectors, damaged wire insulation, damaged cell packaging, impact damage, fluid leaks, swelling (a sign of internal damage), cell deformity, missing labels, or any other damage or irregularity. If any of the above conditions are observed, do not charge or use the battery pack. Follow the disposal instructions included with your battery to properly and safely dispose of the battery.
- Do not store or charge LiPo batteries with or around other batteries or battery packs of any type, including other LiPos.
- Store and transport your LiPo batteries in a cool dry place. Do not store in direct sunlight. Do not allow the storage temperature to exceed 140°F or 60°C or the cells may be damaged and create a fire risk.
- Do NOT disassemble LiPo batteries or cells.
- Do NOT attempt to build your own LiPo battery pack from loose cells.
- ALWAYS proceed with caution and use good common sense at all times.

Warranty Information

Traxxas electronic components are warranted to be free from defects in materials and workmanship for a period of 30 days from the date of purchase.

Limitations: Any and all warranty coverage does not cover replacement of parts and components damaged by abuse, neglect, improper or unreasonable use, crash damage, water or excessive moisture, chemical damage, improper or infrequent maintenance, accident, unauthorized alteration or modification or items that are considered consumable. Traxxas will not pay for the cost of shipping or transportation of a defective component to us. This warranty is limited to the charger only and does not cover batteries, vehicles and other accessories used in conjunction with the charger.

Traxxas Lifetime Electronics Warranty

After the expiration date of the warranty period, Traxxas will repair electronic components for a flat rate. Please visit Traxxas.com/support for a current schedule of warranty costs and fees. The covered repairs are limited to non-mechanical components that have NOT been subjected to abuse, misuse, or neglect. Products damaged by intentional abuse, misuse, or neglect may be subject to additional charges. Traxxas liability, in no case, shall be greater than the actual purchase price of this product. For replacement, product must be returned in brand new condition, with packaging and itemized sales receipt.

Charging and handling precautions for all battery types:

- ALWAYS proceed with caution and use good common sense at all times.
- Charge only NiMH packs or 2S–4S LiPo battery packs.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children require adult supervision while using this charger.
- DO NOT let any exposed battery contacts or wires touch each other. This will cause the battery to short circuit and create the risk of fire.
- While charging, ALWAYS place the battery in a fire retardant/fire proof container and on a non-flammable surface such as concrete.
- DO NOT operate the charger inside of an automobile.
- NEVER charge batteries on wood, cloth, carpet or on any other flammable material.
- ALWAYS charge batteries in a well-ventilated area.
- REMOVE flammable items and combustible materials from the charging area.
- DO NOT operate the charger in a cluttered space, or place objects on top of the charger or battery.
- If any battery or battery cell is damaged in any way, do NOT charge, discharge, or use the battery.
- Keep a Class D fire extinguisher nearby in case of fire.
- BEFORE you charge, ALWAYS confirm that the charger settings exactly match the type (chemistry), specification, and configuration of the battery to be charged.
- DO NOT exceed the battery manufacturer's maximum recommended charge rate.
- DO NOT disassemble, crush, short circuit, or expose the batteries or cells to flame or any other source of ignition.
- If a battery gets hot to the touch during the charging process, disconnect the battery from the charger and discontinue charging immediately.
- DO NOT leave the charger and battery unattended while charging, discharging, or any time that the charger is ON with a battery connected. If there are any signs of a malfunction or in the event of an emergency, unplug the charger from the power source and disconnect the battery from the charger.
- ALWAYS unplug the charger and disconnect the battery when not in use.
- Never connect more than one battery at a time to the charger.
- DO NOT disassemble the charger.
- REMOVE the battery from your model or device before charging.
- DO NOT expose the charger to water or moisture.
- ALWAYS store battery packs safely out of the reach of children and pets.
- DO NOT charge batteries under ANY of the following conditions:
  - Batteries that are hot to the touch.
  - Batteries that are not expressly stated by the manufacture to be suitable to accept the power output (voltage and amperage) the charger delivers during the charging process.
  - Batteries that are damaged or defective in any way. Examples of damage or defects include, but are not limited to, batteries with dented cells, damaged or frayed wires, loose connections, fluid leaks, corrosion, plugged vents, swelling, cell deformity, impact damage, missing labels, melted components, or any other signs of damage.
  - Battery packs that have been altered from original manufacturer configuration.
  - Non-rechargeable batteries (explosion hazard).

Apple, the Apple logo, iPhone, iPad, iPod touch, and iTunes are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Android and Google Play are trademarks of Google Inc.
The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc., and any use of such marks by Traxxas is under license. Other trademarks and trade names are those of their respective owners.

Traxxas, 6250 Traxxas Way, McKinney, TX 75070, Phone: 1-888-TRAXXAS (Toll-free, US only) or 972-549-3000, Fax: 972-549-3011, e-mail: support@Traxxas.com

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1)this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

This equipment should be installed and operated with the minimum distance of 20cm.