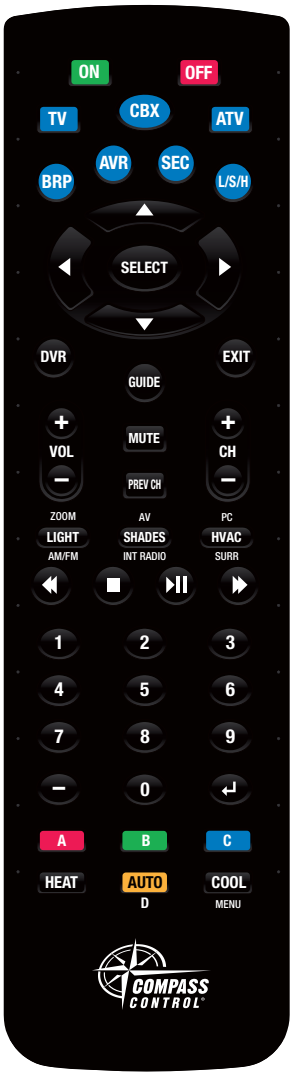
ZigBee Wireless & IR Unversal Remote Control

KD-ZRC300 Product Link

ZigBee® Wireless 2.4 GHz & IR Universal Handheld Remote Control Product Link



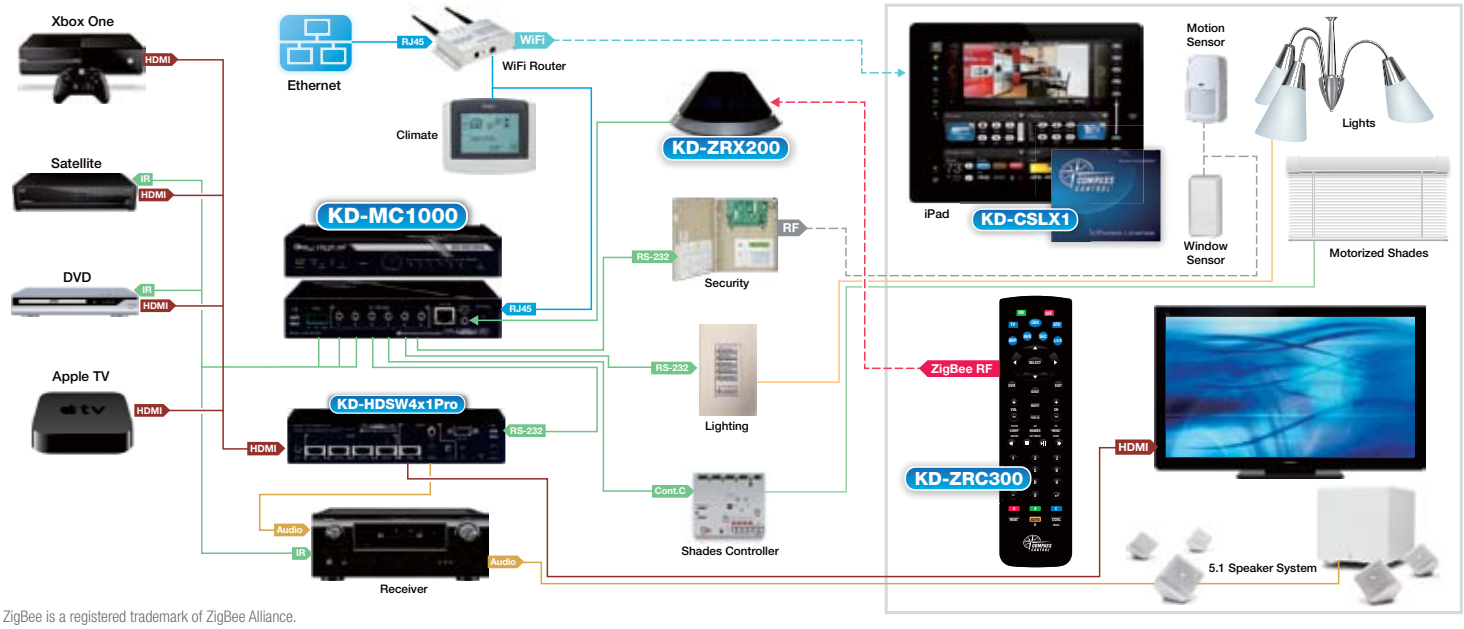
Key Features

- **48 Programmable Hard Buttons:** For IR and/or RF ZigBee® commands programmable via USB on PC or Mac with Compass Navigator™ PC Software
- **Programming Support:** Unlimited macro and variable actions
- **ZigBee® Signal Transmission:** Up to 100' through walls, doors and floors
- **Device Control:** Up to 10 devices with line-of-sight IR control or RF Wireless 2.4 GHz ZigBee® control
- **Backlight:** Motion detected automatic backlighting. The backlight will turn on when movement is detected and will stay on for five seconds after movement has stopped.

- **Multiple System Modes:**
  - *Idle Mode:* Power Saving mode while remote is not in use
  - *Active Mode:* Device switches to Active Mode after a button is pressed. Stays in Active Mode for 5 seconds.
  - *Low Battery Mode:* Activated when the battery has dropped below 2.4V
  - *Configuration Mode:* To setup and configure the remote
- **Indication Keys (On/Off):**
  - *Low Battery indicator:* Power OFF LED blinks every one second while in active mode
  - *Battery Charging indicator:* Power ON LED blinks every one second while in active mode
  - *Full Charge indicator:* Both Power ON and OFF LEDs blink every one second while in active mode
  - *Configuration Mode indicator:* Both Power ON and OFF LEDs are steadily illuminated
- **7 Device Keys:** The selected Device Key LED will remain illuminated to indicate which device is selected

LIMITED LIFETIME WARRANTY

System Design Example



ZigBee is a registered trademark of ZigBee Alliance.

FCC Information to User

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 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 con-nected.

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

Caution

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

FCC Compliance Information : 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

IMPORTANT NOTE:

FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT Safety Instruction:

CAUTION

To reduce the risk of electric shock, do not remove the top cover (or the rear section).
No user serviceable parts inside, refer servicing to qualified personnel.

This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure-voltage that may be sufficient to constitute a risk of sock.

This symbol, wherever it appears, alerts you to the important operating and maintenance instructions in the accompanying literature. Please read the manual.

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this equipment near water.

6) Do not using near any heat sources such as radiators, heat resisters, stove, or other equipment that produce heat.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS