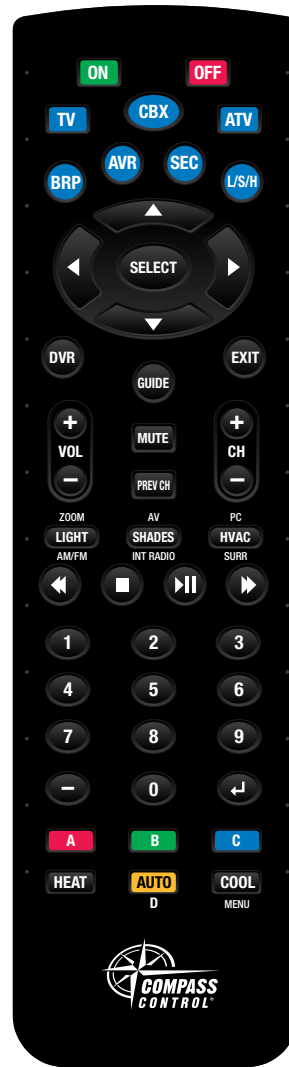# ZigBee Wireless & IR Unversal Remote Control

KD-ZRC300

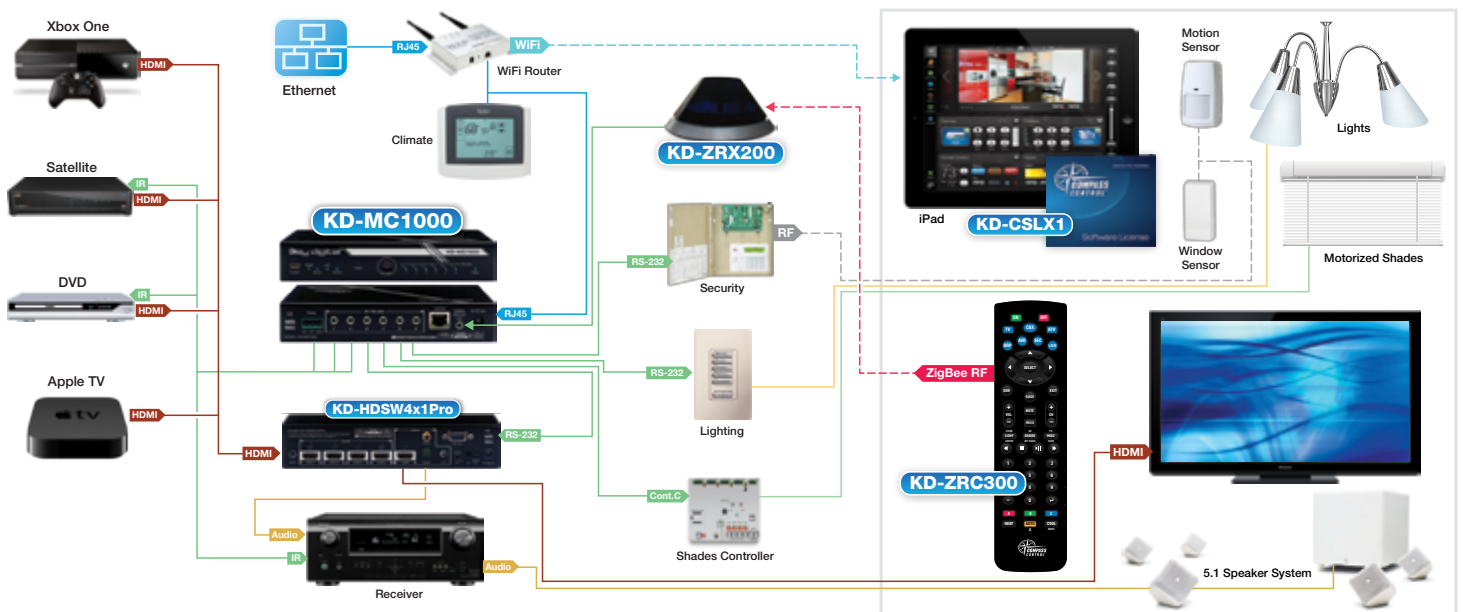ZigBee® Wireless 2.4 GHz & IR Universal Handheld Remote Control

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 7 devices with line-of-sight IR control or up to 9 devices with 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.

› **USB:** Recharging and Programming

› **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 or motion is detected. 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. Back lighting and Configuration Mode are unavailable.

» *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

System Design Example

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