CasaTunes®

Model: CT- 6X6MA
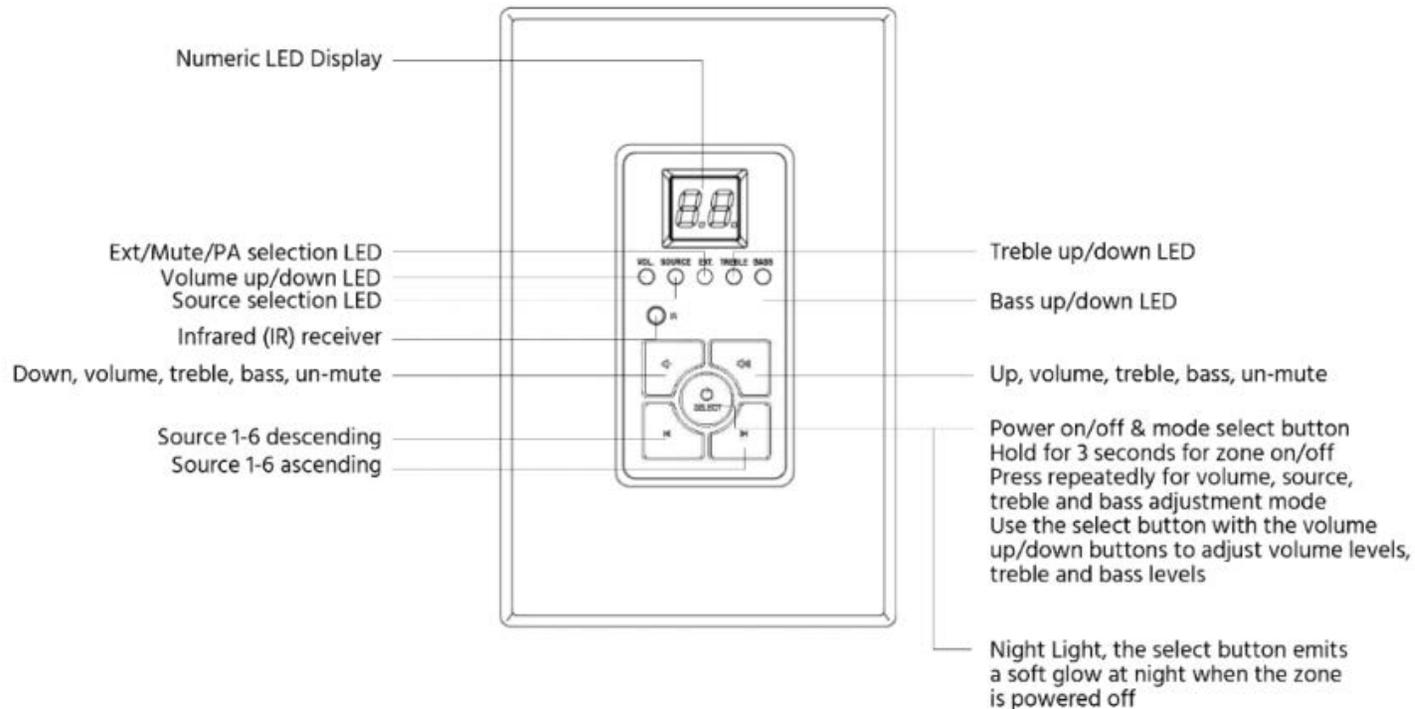
Keypad Installation

The CT-6X6MA keypad is designed for ease of use with a maximum ability to control sound. Soft-touch backlit buttons and a backlit LED display provide convenient control of the zone; ON/OFF, source 1 ~ 6 selection, volume, treble, and bass. A built-in IR target or external IR target connected to the EXT-IR terminals on the rear of the keypad, relay commands to the CT-6X6MA master controller. Dedicated IR output jacks provide remote source control of the source equipment. The built-in IR target also provides complete zone control when using the infrared remote control. One is included with each system..

Five LEDs on the keypad face indicate the operation mode of the keypad. The EXT LED indicates that the system is receiving a trigger command from an external device.

Keypad Controllers

Numeric LED Display

Ext/Mute/PA selection LED
Volume up/down LED
Source selection LED
Infrared (IR) receiver
Down, volume, treble, bass, un-mute

Source 1-6 descending
Source 1-6 ascending

Treble up/down LED

Bass up/down LED

Up, volume, treble, bass, un-mute

Power on/off & mode select button
Hold for 3 seconds for zone on/off
Press repeatedly for volume, source, treble and bass adjustment mode
Use the select button with the volume up/down buttons to adjust volume levels, treble and bass levels

Night Light, the select button emits a soft glow at night when the zone is powered off
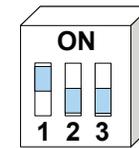
Install the CT-6X6MA in a well-ventilated location; do not block the vents on the sides or top of the chassis, proper ventilation is required for normal operation. Do not expose the unit to excessive dust and do not allow dust to build up on the unit and block the vent holes in the chassis. Do not place the CT-6X6MA above or below heat-generating components such as another audio amplifier. Be sure to leave at least 2 inches of space to the sides of the chassis with open air flow above and below the unit. Due to the weight of the unit, we recommend using four-post racks at minimum.

OVERVIEW:
1. The CT-6X6MA can be mounted in an equipment rack using the included rack mount kit.
2. Always disconnect AC power before making connections to the CT-6X6MA.
3. Use good quality 12 or 14 AWG stranded copper speaker wire for all speaker connections.
4. Use good quality cable for connection of the keypads to the master controller/amplifier; we recommend Cat5e to connect keypads.
5. The CT-6X6MA uses a keypad hub; all keypads will connect to the hub. Install the keypad hub close to the master controller/amplifier. For ease of installation, the keypads and the keypad hub are fitted with quick-disconnect screw terminal blocks.
6. The keypad hub connects easily to the master controller/amplifier using a standard Ethernet patch cable.
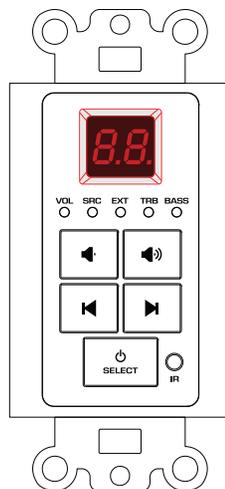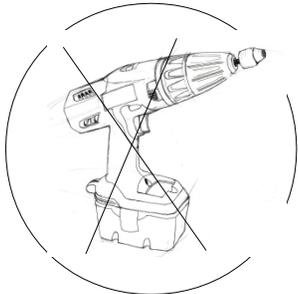
NOTE: Set the Address of each keypad using the DIP switches on back of the keypad.

Each keypad must have a distinct address to communicate correctly with the controller/amplifier. Select zone address numbers 1 through 6 by using the chart to the right. A DIP switch in the up position is ON; a DIP switch in the down position is OFF.
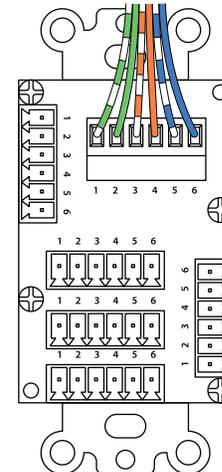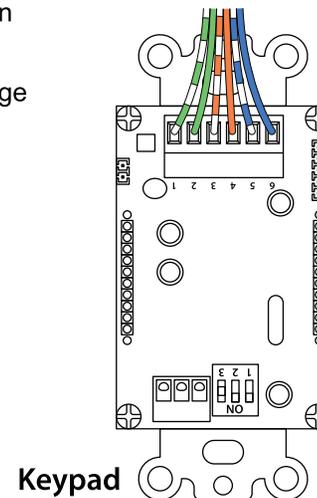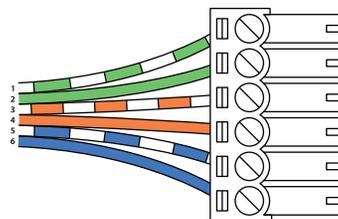
ZONE-1	ZONE-2	ZONE-3
ON ON OFF	ON OFF ON	ON OFF OFF
1 2 3	1 2 3	1 2 3

ZONE-4	ZONE-5	ZONE-6
OFF ON ON	OFF ON OFF	OFF OFF ON
1 2 3	1 2 3	1 2 3

NOTE: When attaching a keypad to an electrical box, use a screwdriver to reduce the chance of damage to the keypad.

1	White and Green
2	Green
3	White and Orange
4	Orange
5	White and Blue
6	Blue

Keypad

Keypad Hub

IMPORTANT: The Multizone Controller-KP (keypad) should be mounted in an electrical box or in-wall mud ring using a screwdriver to tighten. Do not use a power drill to tighten the keypad screws. Over tightening can damage the keypad.

INSTALLATION: Connecting the Multizone Controller-KP (keypads)

Use a good quality Cat5e/6 cable and crimp RJ45 jacks on each end of the cables. The RJ45 jack plugs into the back panel of the keypads and the 6 x RJ45 jacks on the back panel of the Multizone Controller-Keypad-Hub. The Multizone Controller-Keypad-Hub is included in your Multizone Controller kit. Plug the RJ45 jacks into any available jack on the Multizone Controller-Keypad-Hub. Zone assignment is determined by the MODE dip switches on the back of the Multizone Controller-KP (keypad).

Included Multizone Controller -Keypad-Hub
NOTE: Keep the hub close to the Multizone Controller

Cat5e/6 2-4 meters

Cat5e/6

Cat5e/6 200 + meters

Cat5e/6 200 + meters

Cat5e/6 200 + meters

Cat5e/6 200+ meters

Cat5e/6 200+ meters