

# QuickStart Guide

## CasaTunes CT-5x4MA Matrix Amplifier



Use this guide to quickly setup and configure your matrix amplifier by following these steps:

1. Unpack and verify system contents
2. Connect the matrix amplifier control, sources, keypad and speaker cables
3. Use the CasaSetup browser application to configure your matrix

Use this guide in conjunction with the QuickStart Guide for your music server to setup your system



### What's in the box?

- 1 x CT-5X4MA Matrix Amplifier
- 1 x BALTX2 Adapter + short network cable
- 1 x CT-5X4MA External Power Adapter
- 1 x cat5e/6 network cable



### Matrix Amplifier Connections

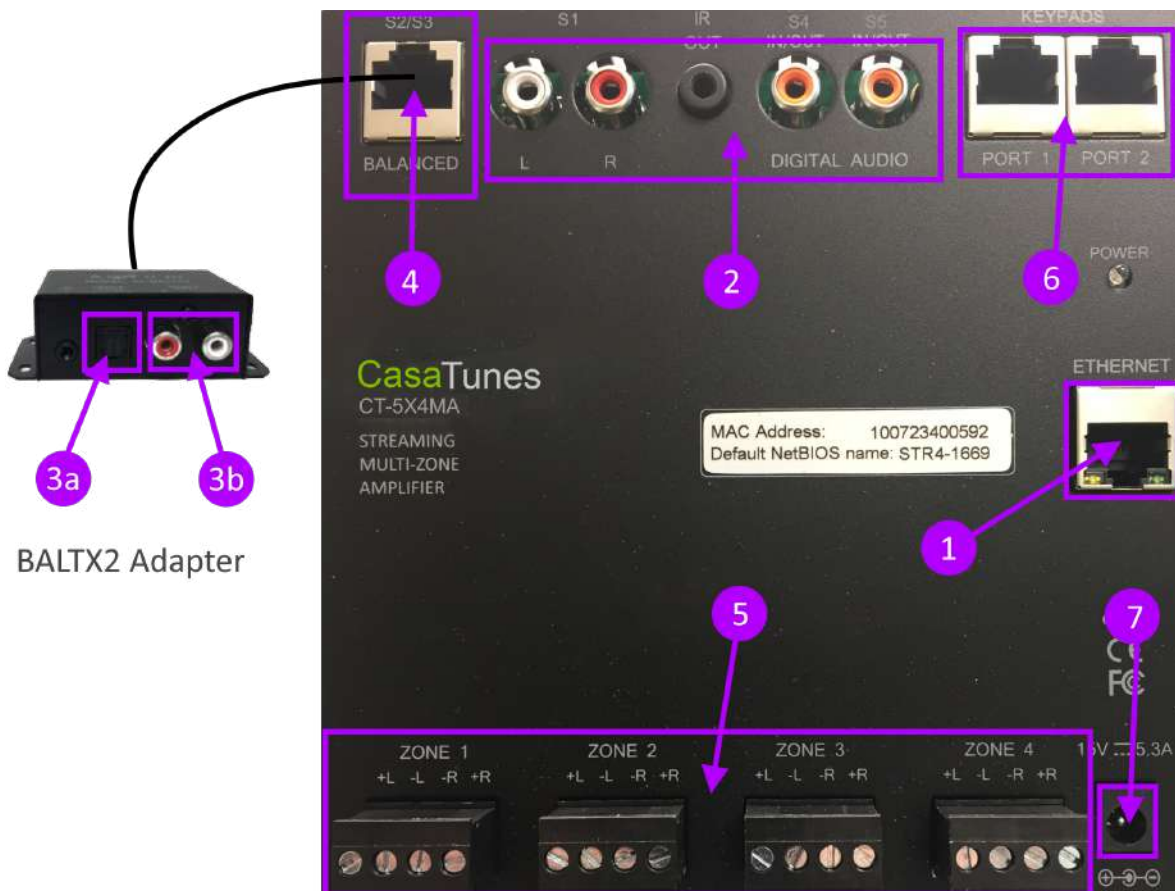


Figure 1: CT-5X4 Martrix Amplifier with BALTX2

# QuickStart Guide

## CasaTunes CT-5x4MA Matrix Amplifier



- 1 Connect the network to the ETHERNET port.
- 2 The CT-5X4 Matrix Amplifier has five input sources. Sources 1 & 2 are analog stereo input sources using 2 x RCA connectors, Sources 3-5 are S/PDIF digital inputs. Source 3 uses an optical TOSlink connector, while Sources 4 & 5 use coax connectors.
- 3 Connect Sources 2 & 3 using the provided BALTX2 adapter (Balun Transmitter). Connect a digital optical source to **3a** and/or an analog stereo source to **3b**, respectively, in Figure 1 above.

When using a CasaTunes music server, connect the music server streams as follows, depending on the type of CasaTunes music server:

Music Server	Amplifier Analog Input Sources 1-2	Amplifier Digital Input Source 3
CT-1	1	
CT-2	1-2	
CT-3*	1-2	3

\*When using a CT-3 you must use CasaSetup to re-configure Source 3 on the music server to use the Realtek Digital Output (Realtek High Definition Audio) audio device.

- 4 Connect the Balun Transmitter to the CT-5X4MA S2/S3 RJ45 port using the supplied short network cable. If Sources 2 & 3 are not close to the 5X4 matrix amplifier, you can replace the shorter network cable with your own Cat 5e/6 cable (up to 300 ft).
- 5 Connect the speaker outputs on the amplifier to your room speakers. You can use up to 14 AWG wire (although typically 16 AWG is sufficient for most installations). Only use 8-ohm speakers.
- 6 The CasaTunes 5X4 Matrix Amplifier supports 2 optional keypads. Connect any keypads to the amplifier using Cat5e/6 cables terminated with an RJ45 connector. By default the keypad connected to Port 1 controls Zone 1, etc.

You can re-assign the zone to be controlled by a keypad using the amplifier browser utility. Refer to the CasaTunes 5x4MA manual for more information.

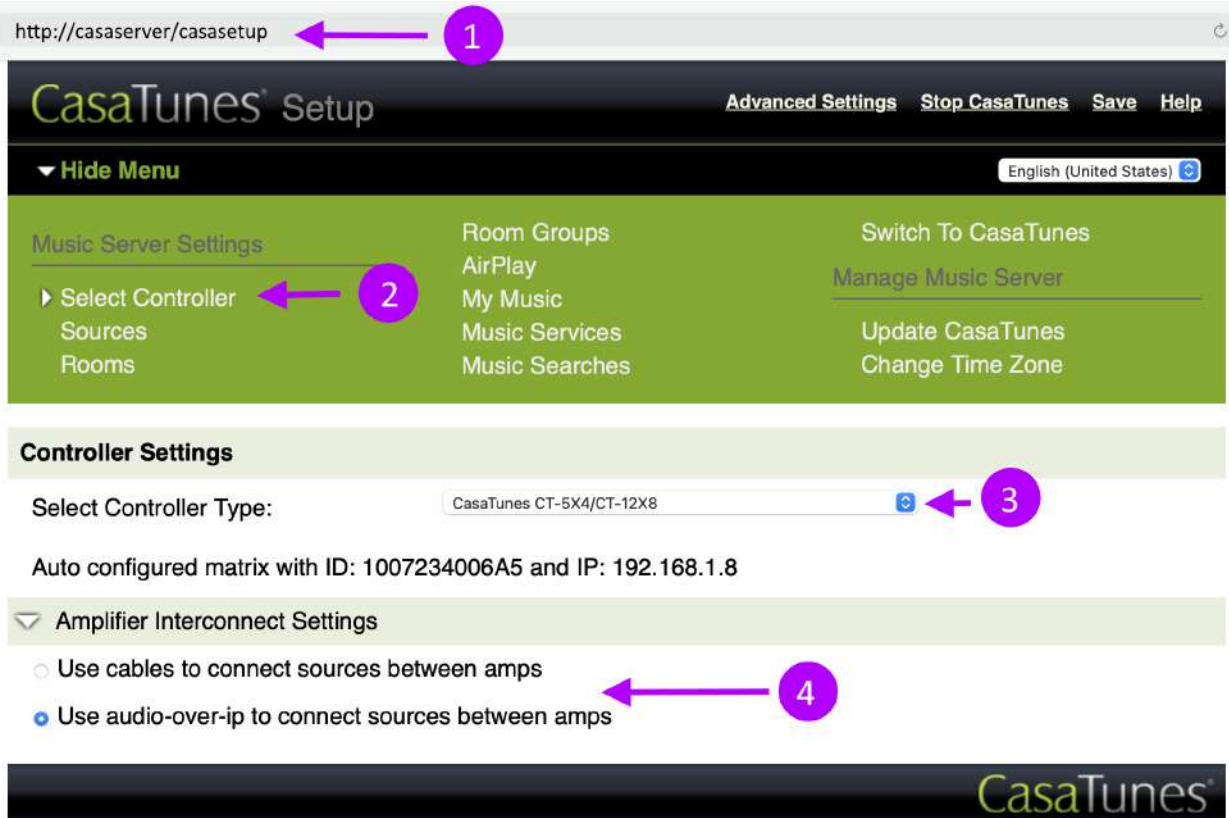
- 7 Once you have completed configuring the matrix amplifier connections, power on the matrix amplifier, then the music server, and complete the software setup.

# QuickStart Guide

CasaTunes CT-5x4MA Matrix Amplifier



## Use CasaSetup to configure the Matrix Amplifier



1

Start CasaSetup by opening your browser on your computer and entering the following:

On a PC: <http://casaserver/casasetup>

On a MAC: <http://casaserver.local/casasetup>

2

Select the "**Select Controller**" page.

3

Select **CasaTunes CT-5X4/CT-12X8** from the list of available controller types.

CasaTunes automatically discovers your CT-5X4 Matrix amplifiers in the network. The amplifiers are also automatically configured the first time they are discovered on the network.

# QuickStart Guide

## CasaTunes CT-5x4MA Matrix Amplifier



4

If CasaTunes detects more than one amplifier, then select whether to use physical cables to connect sources between amplifiers, or whether to "virtually" connect sources using audio-over-ip (the network).

We recommend you select "audio-over-ip". This way, all the sources available on the master CT-5X4MA will be available to all the other CT-5X4MA amplifiers.

Return to the Music Server Quickstart Guide to complete the software setup, including configuring the sources, rooms and music services.



### Resources



CasaTunes CT-5X4 Matrix Amplifier Manual

<https://www.casatunes.com/manuals/ct-5x4>

CasaSetup Manual

<https://www.casatunes.com/support/docs/casasetup>



Register your CasaTunes System

<https://casatunes.com/register>

Submit a Support Ticket

<https://casatunes.com/ticket>

