

S I G A O   D R I V E   I N S T R U C T I O N   M A N U A L



K U D O S

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## INTRODUCTION

Thank you for purchasing the Kudos Audio Sigao Drive. Sigao Drive reflects our desire to achieve the highest possible sonic performance from our loudspeakers and the application of bespoke engineering processes to achieve this ideal.

Kudos Audio loudspeakers employ internal crossovers that are built to complement the drive units. These crossovers employ the fewest internal components possible with each part selected for the highest performance. However, there will always be loss, impedance fluctuations and no 'direct' connection between the amplifier and drive unit due to the crossover sitting between them. The loudspeaker itself is capable of higher performance than the crossover allows.

By creating an optimised version of the loudspeaker's internal crossover at line level within Sigao Drive, and placing it in front of the amplification, all the potentially negative effects introduced by the loudspeaker's internal crossover are eliminated. The decision to design Sigao Drive without a power supply was made because even the best power supplies can introduce noise into the signal path, robbing music of fine detail, transparency and musicality. The result is the quietest and most effective crossover possible.

Sigao Drive is a relatively straightforward device, however, please carefully read through these instructions before installing and using your new Sigao Drive.



**WARNING: Failure to follow these guidelines will compromise performance and can potentially result in damage to your loudspeakers and electronics.**

**If you are in doubt about any aspect of connection or functionality, please consult your retailer.**

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## REAR PANEL CONNECTIONS

The Sigao Drive has two types of connections on the rear panel. They work together to make Sigao Drive function but the connections themselves perform different roles.

**RCA CONNECTIONS** are for the transmission of an audio signal from your preamplifier and out to your power amplifiers.

**DIN CONNECTIONS** are for applying the settings specific to how your Sigao Drive operates. This takes into account your Kudos loudspeaker model and amplifier choices.

Depending on these choices, not all the connections on the rear of the Sigao Drive will be used.



**WARNING: This is an unpowered device. Under no circumstances should any audio signal or power supply be connected via any DIN or RCA connections, otherwise damage to Sigao Drive, loudspeakers and electronics could result.**

**In order to perform as desired, loudspeaker loading and amplifier matching plugs must always be used.**

**DO NOT ATTEMPT TO USE THE SIGAO DRIVE WITHOUT THE PLUGS IN PLACE.**

Sigao Drive is supplied with either 1, 2 or 3 loudspeaker loading plugs dependent on which Kudos loudspeaker is being used, and 2 or 3 amplifier matching plugs, matched to the input impedance of your amplifiers.

The R&L RCA INPUT sockets must be connected to your source/preamplifier's variable output, using a good quality RCA cable.

Each marked pair of outputs on the rear of the Sigao Drive must connect to a corresponding power amplifier using a good quality RCA cable, ideally no longer than 2m. Cables of unusually high capacitance should also be avoided, for best performance. **The R&L RCA BASS OUTPUT sockets are only for use with the Titan 808.**

If your preamplifier and/or power amplifiers have XLR or DIN sockets, please consult your retailer for suitable RCA-XLR/DIN cables or adaptors.

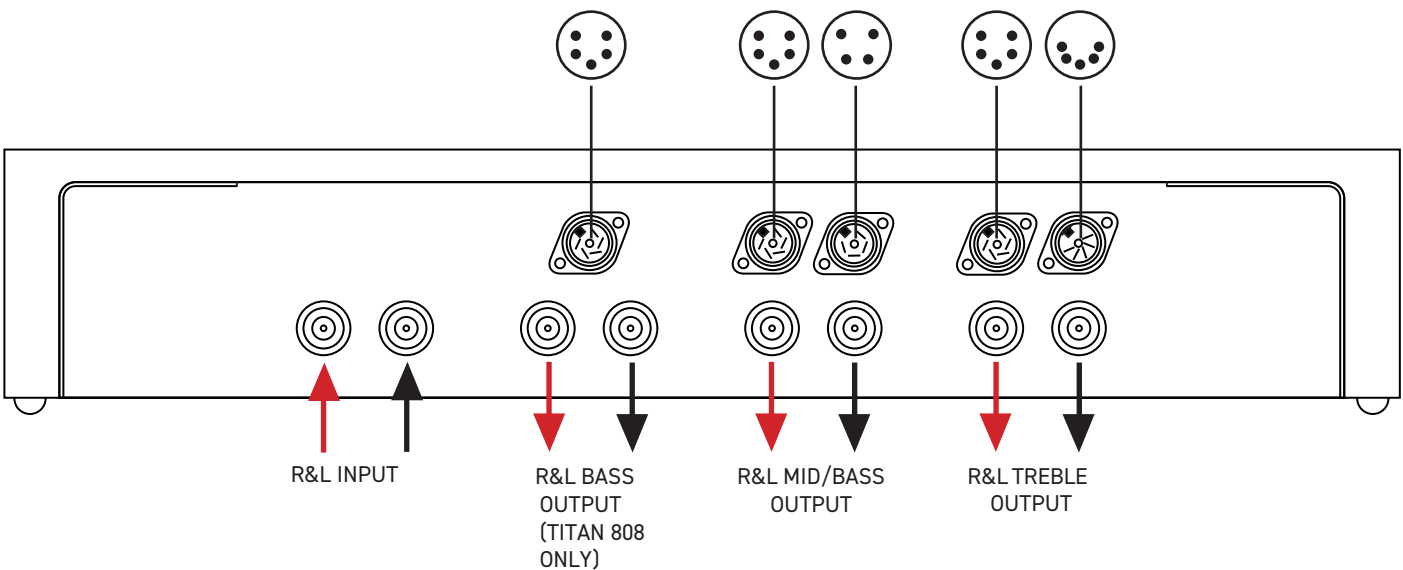
Unpowered passive preamplifiers can also be used with the Sigao Drive, although there may be reductions in available gain. If unsure, please consult your retailer.

### LOADING PLUG KEY

 **Connection A**  
Power Amplifier Matching Plug

 **Connection B**  
Mid/Bass Output Plug

 **Connection C**  
Treble Output Plug



See accompanying DIN Configuration Guide

# DIN CONFIGURATION GUIDE

## LOADING PLUG KEY



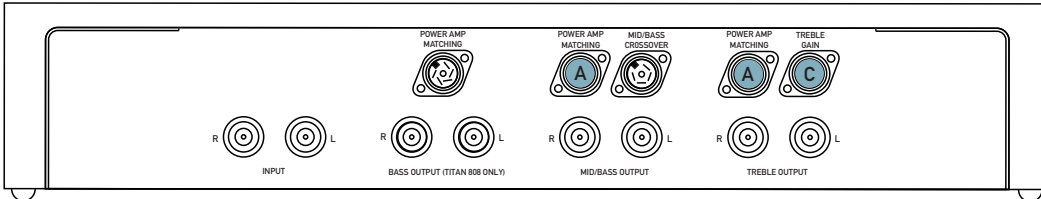
**Connection A**  
Power Amplifier Matching Plug



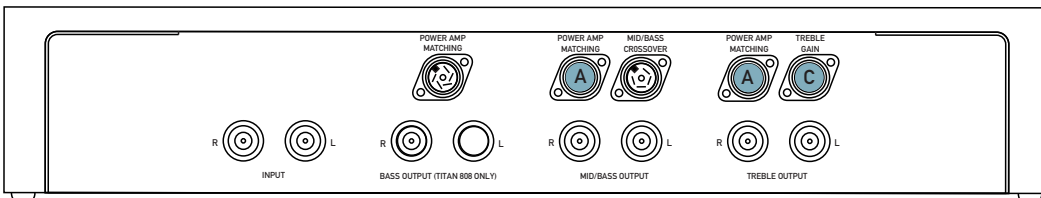
**Connection B**  
Mid/Bass Output Plug



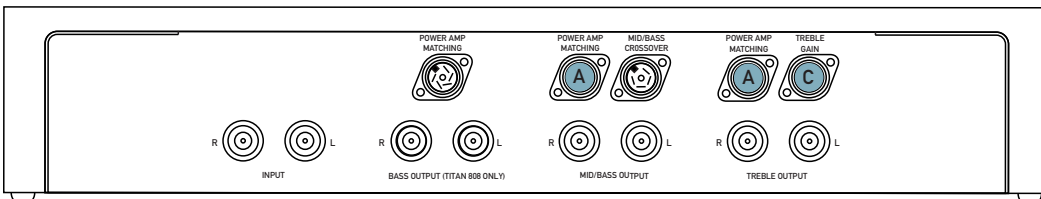
**Connection C**  
Treble Output Plug



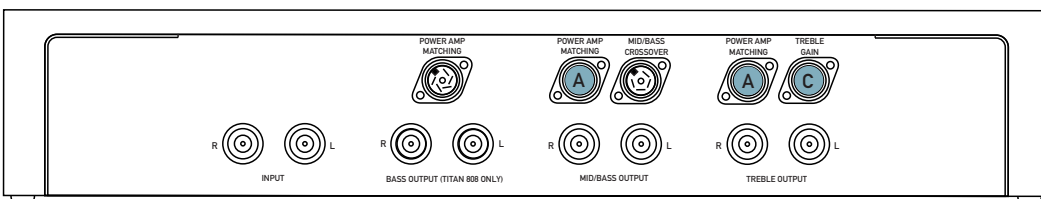
**CARDEA S10**



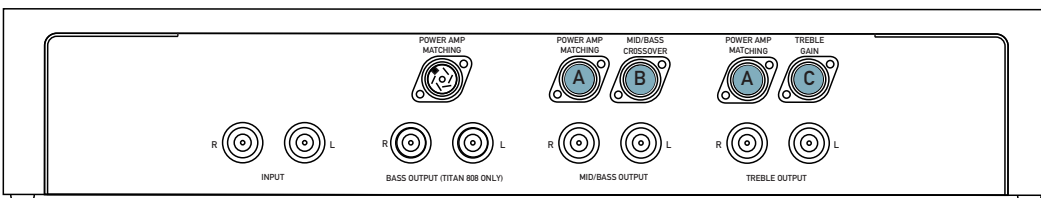
**CARDEA S20**



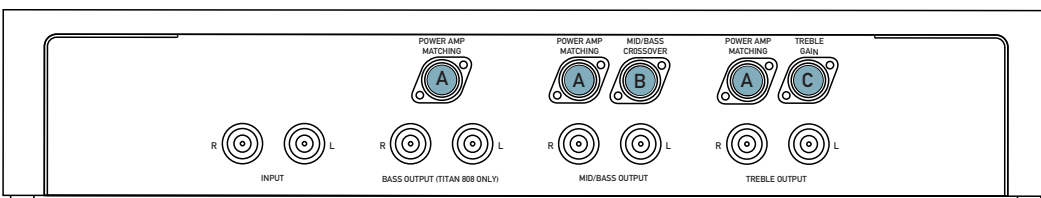
**TITAN 505**



**TITAN 606**



**TITAN 707**



**TITAN 808**

## DIN CONFIGURATION

### TREBLE GAIN

There are specific treble connectors for each Kudos Active loudspeaker

Treble T808

Treble T606

Treble S10/S20/T505/T707

The correct plug **MUST** be used with each loudspeaker. Each plug is labelled with a sticker.

### MID BASS CROSSOVER

This connection is **ONLY** for use with the Kudos Titan 707 and Titan 808 loudspeakers.

### BASS OUTPUT

This connection is **ONLY** for use with Titan 808.

### POWER AMPLIFIER MATCHING

The Sigao Drive requires plugs to match the input impedance of your chosen power amplifiers. **THE MATCHING PLUGS MUST BE IN PLACE BEFORE THE SIGAO DRIVE IS USED.** Your Sigao Drive will be supplied with the correct load plugs for your amplifiers. Kudos retains data on a wide range of amplifier choices and can create plugs for almost any application.

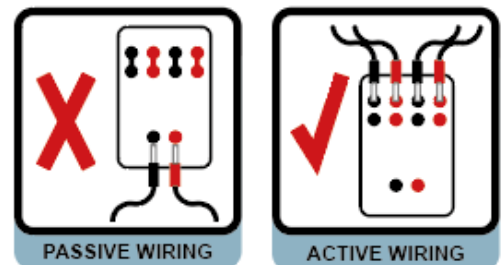


**WARNING: The Sigao Drive must be used with plugs of the correct value for your amplifiers. Failure to do so will result in reduced performance.**

## LOUDSPEAKER INPUTS

All Kudos loudspeakers are configured from the factory for passive operation and must be converted to active operation for use with Sigao Drive.

To do this, simply remove the "U" links connecting the sockets located in the crossover panel. Please retain the "U" links should you need to revert back to passive operation in the future.



**THE LOUDSPEAKER TREBLE, MID AND BASS INPUTS MUST BE CONNECTED TO THE CORRESPONDING AMPLIFIERS.**

We recommend the use of a good quality loudspeaker cable, such as Kudos Audio KS-1.

To maintain the correct phase, make sure to connect the red "+" amplifier connection to the corresponding red "+" ACTIVE INPUT loudspeaker connection and the black "-" amplifier connection to the corresponding black "-" ACTIVE INPUT loudspeaker connection.



**WARNING: Incorrect connection may result in serious damage to your electronics or loudspeakers if;**  
**TREBLE amplifier cable is connected to BASS input terminals.**  
**MID/BASS amplifier cable is connected to TREBLE input terminals.**  
**LOUDSPEAKER CABLES are connected to the passive input and/or TREBLE and BASS output terminals.**

We strongly recommend taking your time and working through the process logically, making sure that connections are correct before powering the equipment on.

## POSITIONING

We have taken great care to minimise the effects of external vibration and electronic noise to ensure that the Sigao Drive is as quiet as possible. We have used innovative design elements throughout and, to maximise their effectiveness, we recommend that Sigao Drive is placed on a dedicated level shelf.

## RUNNING-IN

While the Sigao Drive is unpowered, all electronic components are susceptible to the effects of running-in. As a result of this, you may find that Sigao Drive's performance improves over the initial **50-100 hours** running-in period.



## GENERAL CARE

The Sigao Drive casework should only be cleaned with a dry lint free cloth. We do not recommend the use of cleaning products, which may damage the casework. Do not expose the Sigao Drive to moisture or excessively hot or cold temperatures.



**PLEASE NOTE:** There are no user serviceable parts inside.



**WARNING:** Do not remove the casework for any reason; doing so will invalidate your warranty.

## SPECIFICATIONS

|  |                        |
|--|------------------------|
| <b>Dimensions (H x W x D):</b>         | 81.5mm x 430mm x 314mm |
| <b>Dimensions (Boxed) (H x W x D):</b> | 230mm x 550mm x 460mm  |
| <b>Weight:</b>                         | 8.7kg                  |
| <b>Weight (Boxed):</b>                 | 11kg                   |
| <b>Available Finishes:</b>             | Black or Silver        |

## EXTENDED WARRANTY

**Register your new Kudos Sigao Drive to activate your five-year extended warranty and to be kept informed of the latest news and events from Kudos.**

Terms and conditions apply, please visit [kudosaudio.com/register-your-product](https://kudosaudio.com/register-your-product) for further details.

## SERVICE & WARRANTY

Sigao Drive requires no servicing, but should the need arise contact your local retailer or distributor. There are no user servicable parts inside. We would advise you to retain all packaging in case you need to ship or transport your Sigao Drive in the future.

Kudos offers an extended five year warranty on parts and labour. This warranty does not cover damage due to accident, negligence or misuse. This includes repairs or alterations of products by a person other than Kudos Audio.

For the extended warranty to be valid, customers must register the product with Kudos Audio via the online product registration form within 3-months from the date of purchase. Any registration outside the 3-month window will not be eligible for the extended warranty.

All Kudos products are guaranteed against faulty components and defective materials for a period of two years from the date of purchase.

### Extended Five Year Warranty

Register your new Kudos Sigao Drive to activate your extended warranty\*.



\*Terms & Conditions apply. Please visit the Kudos website for further details.



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