



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

**Technical specification**

**Additional information**

---

## SAFETY INFORMATION

### **CAUTION**

TO REDUCE THE RISK OF FIRE, REPLACE WITH THE SAME TYPE AND RATING

OF FUSE.

## **ATTENTION**

UTILISER UN FUSIBLE DE RECHANGE MÊME TYPE.

## **Safety compliance**

This product has been designed to meet the IEC 60065 international electrical safety standard.

## **CAUTION**

RISK OF ELECTRIC SHOCK DO NOT OPEN

## **ATTENTION**

RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR



The lightning flash with an arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

**CAUTION:** To reduce the risk of electrical shock do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

**WARNING:** To reduce the risk of fire or electrical shock, do not expose this apparatus to rain or moisture.

**CAUTION:** In Canada and the USA, to prevent electric shock, match the wide blade of the plug to the wide slot in the socket and insert the plug fully into the socket.

This product is designed and manufactured to meet strict quality and safety standards. However, you should be aware of the following installation and operation precautions.

### **1. Take heed of warnings & instructions**

You should read all the safety and operating instructions before operating this appliance. Retain this handbook for future reference and adhere to all warnings in the handbook or on the appliance.

## **2. Water and moisture**

The presence of electricity near water can be dangerous. Do not use the appliance near water – for example next to a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool, etc.

## **3. Object or liquid entry**

Take care that objects do not fall and liquids are not spilled into the enclosure through any openings. Liquid-filled objects such as vases should not be placed on the equipment.

## **4. Ventilation**

Do not place the equipment on a bed, sofa, rug or similar soft surface, or in an enclosed bookcase or cabinet, since ventilation may be impeded. We recommend a minimum distance of 50mm around the sides and top of the appliance to provide adequate ventilation.

## **5. Heat**

Locate the appliance away from naked flames or heat producing equipment such as radiators, stoves or other appliances (including other amplifiers) that produce heat.

## **6. Climate**

The appliance has been designed for use in moderate climates.

## **7. Racks and stands**

Only use a rack or stand that is recommended for use with audio equipment. If the equipment is on a portable rack it should be moved with great care, to avoid overturning the combination.

## **8. Cleaning**

Unplug the unit from the mains supply before cleaning.

The case should normally only require a wipe with a soft, damp, lint-free cloth. Do not use paint thinners or other chemical solvents for cleaning.

We do not advise the use of furniture cleaning sprays or polishes as they can cause indelible white marks if the unit is subsequently wiped with a damp cloth.

## **9. Power sources**

This appliance must be connected to a mains socket outlet using the supplied power cord. To disconnect this apparatus from power, you must disconnect the power cord.

Make sure the power cord is always easily accessible.

Only connect the appliance to a power supply of the type described in the operating instructions or as marked on the appliance.

This is a Class 1 device and **must** be earthed.

The power switch is a single-pole switch. When the switch is in the “Off” position, the appliance is not completely disconnected from the main power.

## **10. Power-cord protection**

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, and the point where they exit from the appliance.

## **11. Grounding**

Ensure that the grounding means of the appliance is not defeated.

## **12. Power lines**

Locate any outdoor antenna/aerial away from power lines.

## **13. Non-use periods**

If the unit has a stand-by function, a small amount of current will continue to flow into the equipment in this mode. Unplug the power cord of the appliance from the outlet if left unused for a long period of time.

## **14. Abnormal smell**

If an abnormal smell or smoke is detected from the appliance, turn the power off immediately and unplug the unit from the wall outlet. Contact your dealer immediately.

## **15. Servicing**

You should not attempt to service the appliance beyond that described in this handbook. All other servicing should be referred to qualified service personnel.

## **16. Damage requiring service**

The appliance should be serviced by qualified service personnel when:

- A. the power-supply cord or the plug has been damaged, or
- B. objects have fallen, or liquid has spilled into the appliance, or

C. the appliance has been exposed to rain, or

D. the appliance does not appear to operate normally or exhibits a marked change in performance, or

E. the appliance has been dropped or the enclosure damaged.

## 2.4G and 5G FCC Statements

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.

Cet appareil est conforme à la section 15 des réglementations de la FCC. Le fonctionnement de l'appareil est sujet aux deux conditions suivantes :

1. cet appareil ne doit pas provoquer d'interférences néfastes, et
2. cet appareil doit tolérer les interférences reçues, y compris celles qui risquent de provoquer un fonctionnement indésirable.

**Note:** This product 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 product 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 product 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 or more 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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.



The CE symbol indicates that this Primare product complies with the EMC (Electromagnetic Compatibility) and LVD (Low Voltage Directive) standards of the European Community.

The WEEE symbol indicates this Primare product complies with the European Parliament and Council Directive 2002/96/EC concerning Waste Electrical and Electronic Equipment (WEEE). This product must be appropriately recycled or processed in accordance with these directives. Consult your local waste disposal authority for guidance.

The RoHS symbol indicates that Primare products are designed and manufactured to comply with the Restriction of Hazardous Substances (RoHS) as stated in the European

Parliament and Council Directive 2002/95/EC.



The WiSA logo is a trademark or registered trademark of WiSA, LLC in the United States and other countries.

## **Copyright and acknowledgments**

Copyright © 2023 Primare AB.

All rights reserved.

Primare AB  
Limstensgatan 7  
21616 Limhamn  
Sweden

<https://primare.net>

Issue: SC15PrismaMK2 (27th February 2024)

The information in this guide is believed to be correct as of the date of publication. However, our policy is one of continuous development and so the information is subject to change without notice, and does not represent a commitment on the part of Primare AB.

Primare is a trademark of Primare AB.

This guide was produced by  
Human-Computer Interface Ltd.  
<http://www.interface.co.uk>

WELCOME!

## **Congratulations on selecting your new SC15 Prisma MK2 System Control Center**

This user guide describes the features and explains how to set up the control center for the best sound quality and ease of operation in order to allow for the most enjoyable reproduction of sound from all your sources.



For additional support and assistance please contact your local authorized Primare dealer, or visit our website at [www.primare.net](http://www.primare.net).

## GETTING STARTED

### **1 Unpack the SC15 Prisma MK2**

Your SC15 Prisma MK2 is supplied with:

- The Chromecast built-in Quick Start Guide
- Mains cable
- IR cable
- Trigger cable
- Antennas for Bluetooth and Wi-Fi
- C25 remote control with batteries
- AC Polarity Pen

If any of these items are missing please contact your supplier. We recommend you retain the packaging in case you need to transport the unit at a later date.

Note that the SC15 is supplied with a protective film on the display glass. Remove the film for a clearer whiter display.

## 2 Connect outputs

### Analogue outputs

The SC15 provides a fixed-level or variable-level analogue output on the ANALOG OUT output on RCA connectors, to allow you to connect to active speakers or an analogue recorder.

### Digital output

The SC15 also provides a coax digital output on an RCA connector.

## 3 Connect inputs

You can connect up to two analogue sources and up to four digital sources to the inputs on the back panel.

### Analogue sources

- Connect analogue sources to A1 and A2, using high quality RCA cables.

### Digital sources

- Connect digital optical sources to the digital optical inputs D3 to D5 using optical cables.
- Connect a digital coax source to D6, using a digital RCA cable.

You can also connect a USB flash drive to the USB-A input, and a PC or Mac to the USB-B input to use the SC15 as an audio output device for your computer. For more information see [Playing music from a drive or music server](#).

## Streaming

You can stream music wirelessly to the SC15 from a mobile phone, tablet, computer, or other Prisma product via Bluetooth or Wi-Fi, or via a wired Ethernet connection. For more information see [Streaming music from a phone, tablet, or PC](#).

## 4 Connect the antennae

- Connect the two antennae supplied with the SC15 Prisma to the ANT 1 and ANT 2 sockets on the back panel, and position the two antennae at a slight angle from the vertical.

The antennae are used for Bluetooth and Wi-Fi connectivity.

## 5 Connect the Ethernet cable

For best results we recommend connecting the SC15 Prisma MK2 to your network using an Ethernet cable.

Alternatively, if it's more convenient you can connect via Wi-Fi, in which case you can skip this step.

- Connect the cable between your router or switch and the LAN port on the back panel of the SC15 Prisma.

## 6 Connect power

- Plug one end of the mains cable supplied with the SC15 into the power connector on the back panel, and connect the other end to a wall socket.

If this cable is not suitable for your power outlets please contact your supplier for an alternative cable.

**Note:** See [Phase](#) for information about getting the best sound from your SC15.



**WARNING:** Always disconnect the SC15 from the mains power before connecting or disconnecting any cables.

- Switch on the SC15, using the switch on the back panel.

## To switch on from standby

- Press  on the front panel or remote control.

The display shows:

PRIMARE

## 7 Connect to a network

The first time you start up the SC15 Prisma MK2 you will be prompted to specify how you want to connect to the network:



For best results we recommend connecting via cable.

You can change this setting at any time using **Network mode** on the **Network** menu; see [Network mode](#).

## Connecting via an Ethernet cable

To connect via an Ethernet cable:

- Select **Cable**.

Using an Ethernet cable connection provides immediate access to your network, and the front-panel display will show **LAN** in its lower right corner to indicate that a connection is established.

If the front-panel display shows **Setup mode** make sure your Ethernet cable is connected and it has a network connection.

To take advantage of Chromecast built-in related features and functionality – such as casting, voice control, and multi-room/multi-zone configuration and control – you must configure the SC15 using the **Google Home** app, with a Google account.

- Make sure Bluetooth and Wi-Fi are enabled on your mobile device.
- Install the free **Google Home** app on your mobile device.
- Open the **Google Home** app and follow the instructions for setting up the SC15 Prisma MK2 on your network in the *Chromecast Built-in Quick Start Guide*, or the brief description below:

The **Google Home** app will display **Set up SC15 Prisma**.

- Click **SET UP** and follow the instructions.

The front-panel display will show:



A test tone will be played and you will be prompted to select a name for your SC15.

If you cannot hear the test sound you may need to increase the volume on your amplifier.

- Enter an appropriate name.

Once you have configured the SC15 using the **Google Home** app the **Configure network** message will disappear from the front-panel display.

You will now be able to stream music to your SC15.

## To disconnect from the Ethernet network

- Remove the Ethernet cable.

## Connecting via Wi-Fi

To connect via Wi-Fi:

- Select **WiFi**.

When the SC15 is ready to be set up via Wi-Fi the front-panel display will show:

Setup mode

You can connect to Wi-Fi either by using the iOS **AirPlay speaker setup**, the Android **Prisma** app, or the **Google Home** app.

To take advantage of Chromecast built-in related features and functionality – such as casting, voice control, and multi-room/multi-zone configuration and control – you must configure the SC15 using the **Google Home** app, with a Google account.

### AirPlay speaker setup

- Go to the **Wi-Fi** menu under **Settings** on your iOS device.
- Select the Prisma model you want to set up under **SET UP NEW AIRPLAY SPEAKER** at the bottom of the list.
- Select the Wi-Fi network you want your SC15 Prisma MK2 to connect to and select **Next**.
- Follow the instructions on the screen to complete the setup.

### Prisma Android app

- Open the Android **Prisma** app and follow the instructions at the link in the discovery page.

### Google Home app

- Make sure Bluetooth and Wi-Fi are enabled on your mobile device.
- Install the free **Google Home** app on your mobile device.
- Open the **Google Home** app and follow the instructions for setting up the SC15

Prisma MK2 on your network in the *Chromecast Built-in Quick Start Guide*, or the brief description below:

The **Google Home** app will display **Set up SC15 Prisma**.

- Click **SET UP** and follow the instructions.

The front-panel display will show:

**Configure network**

A test tone will be played and you will be prompted to select a name for your SC15 Prisma MK2.

If you cannot hear the test sound you may need to increase the volume on your amplifier.

- Enter an appropriate name.
- Select the Wi-Fi network your SC15 should connect to.

Once you have configured the SC15 using the **Google Home** app the **Configure network** message will disappear from the front-panel display.

You will now be able to stream music to your SC15.

## To disconnect from the Wi-Fi network

*Either:*

- Select **Wi-Fi settings** for the SC15 Prisma MK2 in the **Google Home** app.
- Select **Forget this network**.

*Or:*

- Reset the SC15 to its factory defaults; see [Factory reset](#).

## 8 Download the Prisma app

To view and change the SC15 Prisma MK2 settings you need the Primare Prisma app. For iOS devices this is available for free download from the Apple App Store. For Android devices this is available for free download from the Google Play Store.

In either case search for **Primare Prisma** to find the app.



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

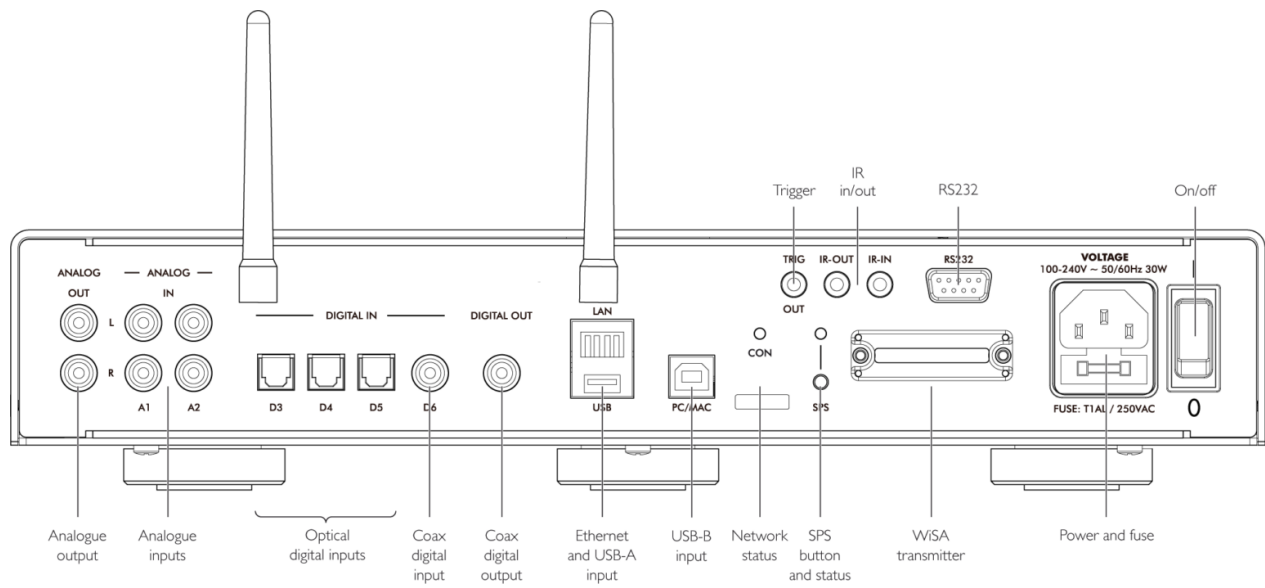
**Technical specification**

**Additional information**

---

## BACK-PANEL CONNECTIONS

The following diagram explains the function of each of the connectors on the back panel:



[Click to display a larger version.](#)



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

**Technical specification**

**Additional information**

---

USING THE C25 REMOTE

Press briefly to mute the sound  
Long press to mute WiSA speakers  
Indicators light when pressing a button  
Top: AMP, PRE, or CD mode  
Bottom: AV, SC, or AUX mode



Switch between on and standby  
Press and hold to switch all Primare products to standby

Select an input or track number  
Press and hold to enter the first digit of a two-digit input or track number; then press the second digit

Press and hold to show network info

Step between dim levels

Navigate left in settings menus or select previous input  
Select item in settings menus

Increase the volume, or navigate up in settings menus

Navigate right in settings menus or select next input

Reduce the volume, or navigate down in settings menus

Select remote mode. Press twice to select device on second line

In the settings menus navigates back or cancels editing a setting

Increase the volume

Next/previous track in stream

Decrease the volume

Display the front panel settings menus

Play/pause stream

Pause stream

## Selecting SC15 mode

The remote can operate any associated Primare products you have in your system.

### To make the remote operate the SC15 Prisma MK2

By default, you control the SC15 Prisma MK2 by selecting the **SC** device:

- Press the **CD SC** button twice.

The lower green light at the top of the remote will light up.

Alternatively, if you prefer, you can configure the SC15 Prisma MK2 to respond as the **PRE** device; see Remote mode.

If your remote unexpectedly stops controlling the SC15, check that you haven't accidentally pressed one of the **AMP AV**, **CD SC**, or **PRE AUX** buttons.

### To make the remote operate another product

- Press the **AMP AV**, **CD SC**, or **PRE AUX** button as appropriate.

Press once to select the product on the top line of the button, or twice to select the product on the second line.

The indicators at the top of the remote light when pressing a button to show which mode the remote is in.

## Fitting the batteries

Before using the remote you need to insert the two AAA cells supplied with the C25.

- Open the cover on the back of the remote by pressing the back cover gently near the centre of the remote, and sliding it towards the edge of the remote.
- Insert the two batteries, with the polarity as indicated on the bottom of the battery compartment.
- Replace the cover and push until it clips into place.



**Note:** Replace only with 1.5V alkaline cells type AAA or equivalent.

When disposing of old batteries please be considerate to the environment.



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

**Technical specification**

**Additional information**

---

## USING THE SC15 PRISMA MK2

**Front panel controls**

**Standby **

Switches the SC15 to standby, or switches it on from standby.

## **SELECTOR**

Steps between inputs.

### **▲ and ▼**

Change the volume.

## **Settings menus**

Pressing ▲ and ▼ simultaneously displays the settings menus or exits from the menus.

In the settings menus:

Pressing ▲ or ▼ steps between the settings.

Pressing **SELECTOR** selects a setting or saves an edited setting.

Holding down **SELECTOR** navigates back or cancels editing a setting.

## **Changing the volume**

The SC15 allows you to vary the volume from 0 (silence) to 99 (maximum).

### **To change the volume**

- Press the ▲ or ▼ buttons on the front panel, or press the + or – buttons or the ▲ or ▼ buttons on the remote control.

The current volume setting is shown on the front panel; for example:



VOL 28

## **Selecting a source**

The SC15 provides a choice of seven inputs. Initially these are labelled as shown in the following table, but you can give them your own aliases to suit the sources in your system; see [Alias](#).

<b>Label</b>	<b>Description</b>
A1, A2	Analogue on RCA connectors.
D3–D5	Digital optical on TOS connectors.
D6	Digital coax on an RCA connector.

### To select a source

- Press the **SELECTOR** button on the front panel until the source is indicated on the front panel display; for example:



- Alternatively, press the ◀ or ▶ buttons on the remote control to step between sources, or press one of the buttons **1** to **7** on the remote control to select the corresponding source directly.

### Changing the display brightness

#### To change the front panel display brightness

- Press the **DIM** button on the remote control to step through the three levels of illumination and blank.

If you turn the display off it will be restored briefly when you operate any control.

The display automatically dims after ten minutes; you can adjust this delay in the settings menus; see [General settings](#).



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

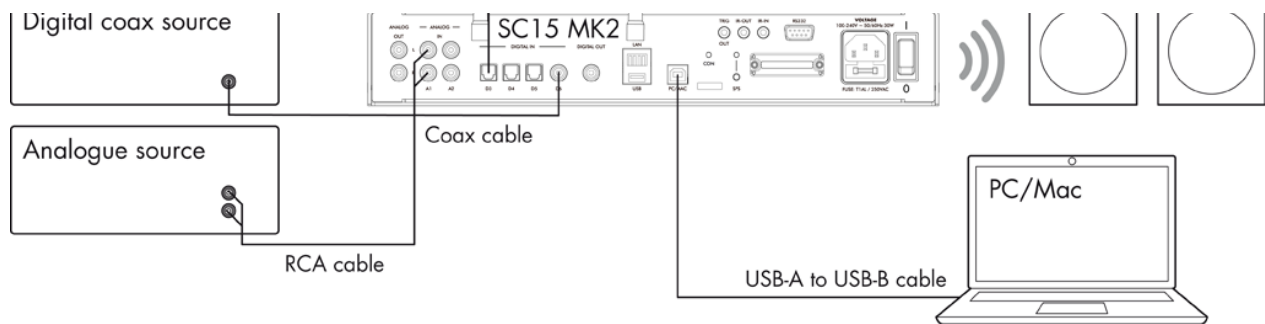
**Technical specification**

**Additional information**

---

## CONNECTING DIRECT SOURCES





[Click to display a larger version.](#)

These methods of playing music from the SC15 involve connecting the source to the SC15 via a cable, and don't require Wi-Fi, Ethernet, or Bluetooth.

## To play music from a source

- Connect the source via a suitable cable:

Source	Cable
Analogue	Phono RCA cable
Digital optical	Digital optical cable
Digital	Digital coax cable

- Select the source from the front panel, or using the remote control.

If you have a phone or tablet on the same Wi-Fi network as the SC15 you can also use the **Prisma** app to select and control sources.

## To use the SC15 as a PC/Mac sound output device

- Connect the Mac or PC to the SC15 via a USB-A to USB-B cable.

### PC

Windows 7, 8, 8.1, or 10 (32/64-bit) is required. You need to install the Primare xmos audio driver, available on primare.net.

### Macintosh

OSX 10.4 or later is recommended. No driver is required.

- Connect the computer's USB port to the USB B input on the SC15 using a USB A to USB B cable.

The SC15 will then appear as a sound output device called **SC15** in the Sound control

panel (PC) or Sound system preferences panel (Macintosh).

- Select the PC/MAC source on the SC15.
- Select the SC15 as the sound output device in the Mac Sound system preferences panel or the PC Sound control panel.



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

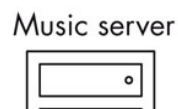
**Configuring the settings**

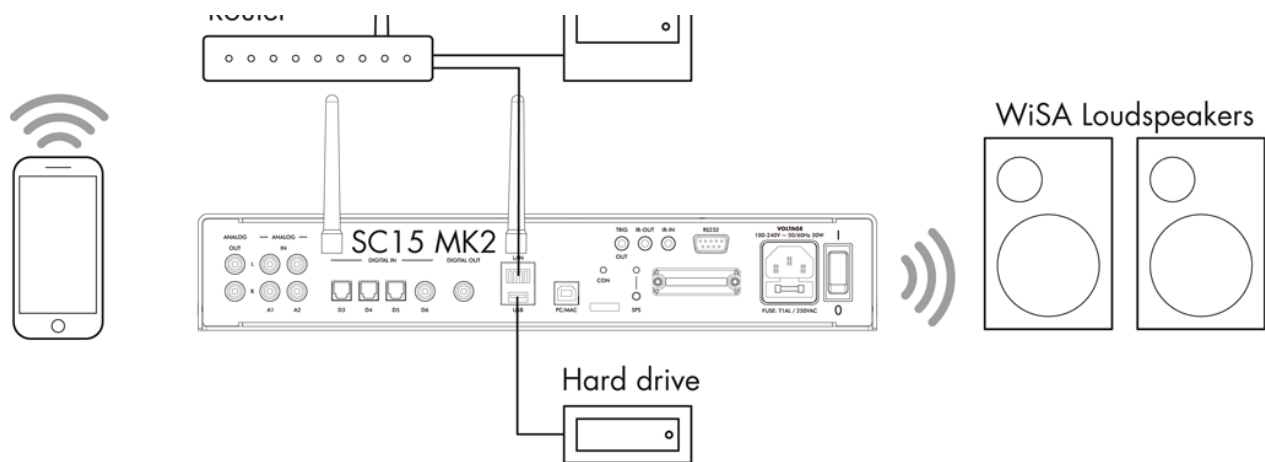
**Technical specification**

**Additional information**

---

## PLAYING MUSIC FROM A DRIVE OR MUSIC SERVER





[Click to display a larger version.](#)

You can play audio files from a USB flash drive, external USB hard disk, or a network drive. These options are ideal if you already have a digital library of CDs or music files.

On a USB flash drive or USB hard disk the files can be organised into folders, giving you one way of classifying your music; eg by Artist.

On a NAS drive you have the option of running a media server program, which will catalogue your music library and give you the option of organising it in different ways; eg by Artist, Genre, Album, or Composer. One free option is MinimServer; see <http://minimserver.com/>.

### **To play audio files from a USB flash drive or hard drive**

- Connect the USB drive to the USB-A input on the SC15.

The USB drive can contain folders and music files in any of the popular formats; see [Technical specification](#) for details.

- Use the Prisma app to browse, play, and control the music.

### **To play audio files from a NAS (network) drive**

- Connect the NAS drive to the same network as the SC15.

The NAS drive can either contain folders and music files in any of the popular formats, or it can run a music server. See [Technical specification](#) for details of the supported file formats.

- Use the Prisma app to browse, play, and control the music.

Alternatively you can select and play music from a Mac or PC using a music server program such as JRiver or Foobar2000.



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

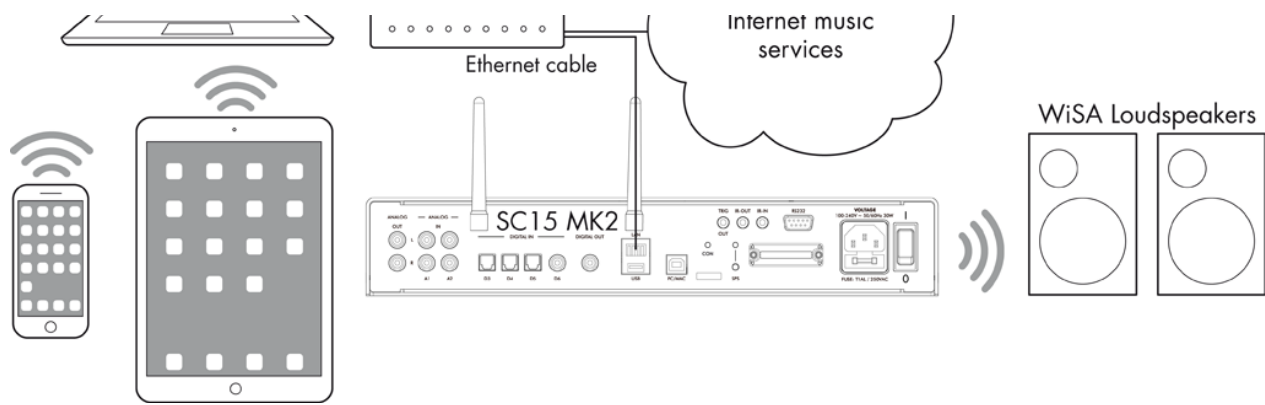
**Technical specification**

**Additional information**

---

## STREAMING MUSIC FROM A PHONE, TABLET, OR PC





[Click to display a larger version.](#)

The SC15 can use Chromecast to connect directly to a music service that supports Chromecast, such as Spotify, Deezer, Tidal, or TuneIn Radio. The music is streamed direct to the SC15; once set up you can use your phone to make calls, or play other audio.

With a phone, tablet, or Mac/PC you can also play the audio wirelessly to the SC15, using Bluetooth or AirPlay (iOS only), so the sound from any apps you run on your device will be played through the SC15.

Although you can stream music over Wi-Fi, for best results connect the SC15 to your home router via an Ethernet cable. If necessary, use the Google Home app to configure the network settings on your SC15.

### **To stream using Chromecast**

The SC15 has Chromecast built-in, which means you can stream (cast) music over your network directly to the SC15 from any Chromecast supported music service, using the music service's app on your desktop or mobile device as a controller.

- Click the **Cast** button within your music service's app and select the SC15 in the device list.

### **To stream using AirPlay**

Use AirPlay to send audio over the network from your Apple device to the SC15. AirPlay is only available on Apple devices.

### **To stream using Bluetooth**

Use Bluetooth to send audio directly to the SC15 from your Bluetooth device using Bluetooth connection. You don't need a network to stream using Bluetooth.

### **To stream using Spotify Connect**

The SC15 supports Spotify Connect, which means you can stream music directly to the SC15 from the Spotify music service over your network, using the Spotify app on your desktop or mobile device as a controller.

Use your phone, tablet, or computer as a remote control for Spotify. Go to <http://spotify.com/connect> to learn how.



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

**Technical specification**

**Additional information**

---

## USING WISA

### **Introduction**

WiSA, which stands for Wireless Speaker and Audio, is an audio standard that

wirelessly transmits multichannel, high-definition audio to loudspeakers. It supports up to eight channels of uncompressed digital audio at 96kHz, 24bit resolution.

The SC15 Prisma MK2 includes built-in support for WiSA, allowing you to deliver a stereo audio signal to loudspeakers without the need for the usual loudspeaker cables.

The audio is transmitted using the license-free 5 GHz band, and it avoids interference by using dynamic frequency selection (DFS) to change channels when necessary.

This page describes how to set up WiSA speakers for use with the SC15 Prisma MK2 using either the SC15 settings menus, or the Primare App.

## Communication

The communication between the SC15 and WiSA speakers is at 96kHz, 24 bits. Other sample rates up to and including 192kHz are converted to 96kHz. WiSA can only convert sample rates up to 192kHz 24bit. Sample rates above 192kHz will be silent on WiSA, but audible on the analogue RCA output.

WiSA does not support DSD format, so it is converted to PCM before being output; however, DSD format from the USB-B PC/MAC input will be silent on WiSA speakers, but audible on the analogue RCA output.

## Speaker types

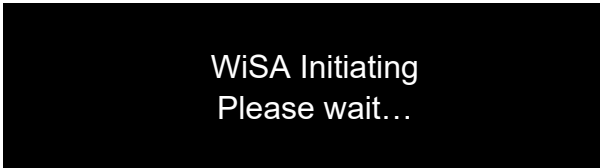
WiSA speakers can be labelled in the WiSA software, and sometimes on the physical speaker itself, with one of the labels: FR (front right), C (centre), FL (front left), SR (surround right), SL (surround left), SBR (surround back right), SBL (surround back left), or SUB (subwoofer).

Unlabelled speakers are not preprogrammed to any channel and need to be assigned to a channel.

In the SC15 a speaker labelled as FR will pair as Right (R), a speaker labelled as SUB will pair as Sub (S), and all other speakers including unlabelled speakers will pair as Left (L). You can change these pairings as described below.

## Switching on

If the WiSA module is **ON** in the Speaker Settings menu the WiSA module will always start up when you turn the SC15 on, and the display will show:



WiSA Initiating  
Please wait...

It will then connect to the associated speakers. The display will show if your unit was unable to find any of your previously associated speakers.

**WiSA** will be shown in the display once the WiSA module is on and has found and connected to WiSA speakers.

## Setting up WiSA from the SC15 Settings menu

We recommend that you connect your WiSA speakers before you do the SC15 Prisma MK2 setup.

### To set up one R and one L speaker

If you have one speaker labelled FL and one labelled FR they will be associated correctly automatically with the following procedure:

- Make sure all your speakers are turned on and in associate mode, usually indicated by a flashing light on the speaker.
- Press and hold the SPS (Speaker Pairing System) button on the back panel of the SC15 for three seconds.

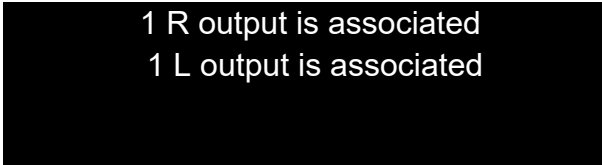
The display will show:



Scanning for WiSA speakers

This will turn on the WiSA module and add all available WiSA speakers.

It will then show a notification of all the speakers it found:



1 R output is associated  
1 L output is associated

Your speakers are now set up to the SC15 and ready to play.

### To set up two unlabelled speakers

If you have two unlabelled speakers they will both pair as L speakers. You then need to change the association of the Right speaker as follows:

- Make sure only the speaker you want to use as the Right speaker is turned on and in associate mode, usually indicated by a flashing light on the speaker.
- Press and hold the SPS (Speaker Pairing System) button on the back panel of the SC15 for three seconds.

The display will show:

## Scanning for WiSA speakers

It will then show a notification of all the speakers it found:

0 R output is associated  
1 L output is associated

- Go to the option **ASSOCIATED WISA SPEAKERS** in the **WISA SETTINGS** menu and change the associated speaker to Right.
- Turn on the speaker you want to use as the Left speaker and make sure it is in associate mode, usually indicated by a flashing light on the speaker.
- Select the **ADD SPEAKER** option in the **WISA SETTINGS** menu.

The notification should now show the additional entry:

1 R output is associated  
1 L output is associated

Your speakers are now set up to the SC15 and ready to play.

## To set up 2-way speakers

Some makes of speakers, called “2-way speakers”, will appear as two WiSA devices per speaker:

2 R output is associated  
2 L output is associated

- Identify which of the two devices should play as Right and configure them appropriately.
- Likewise, identify which of the two devices should play as Left and and configure them appropriately.

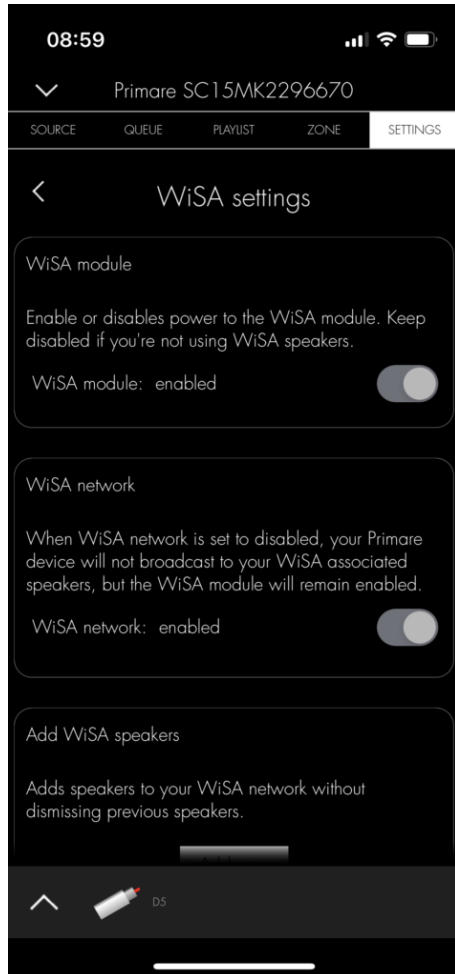
Your speakers are now set up to the SC15 and ready to play.

## Setting up WiSA using the Primare App

You can also set up your WiSA speakers using the Primare App. We recommend that you connect your WiSA speakers before you do the SC15 Prisma MK2 setup.

- Select the **SETTINGS** panel.
- Expand the **Speaker settings** section of the menu.
- Select the **WiSA Settings** option.

The **WiSA settings** screen is displayed:



The following options are available:

Option	Description
<b>WiSA module</b>	Enables or disables the WiSA module.
<b>WiSA network</b>	Enables or disables the WiSA network.
<b>Add WiSA speakers</b>	Allows you to add speakers to your WiSA network.
<b>Dismiss WiSA speakers</b>	Removes all associated speakers from your WiSA network.
<b>WiSA speaker configuration</b>	Allows you to change speaker positions, subwoofer polarity, levels, crossover, and

distance.

---

## To enable or disable the WiSA module or network

- Press **WiSA module** or **WiSA network** if you want to disable or enable the module and/or network.

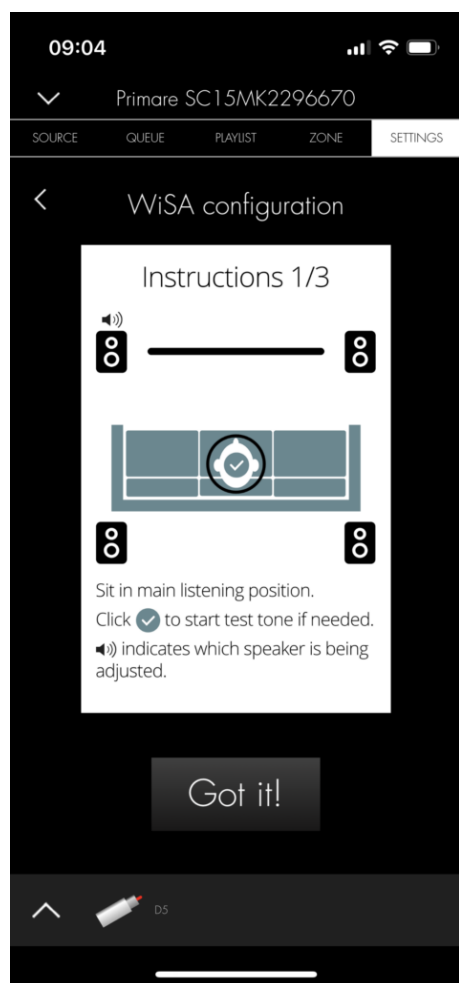
## To add or remove WiSA speakers

- Press **Add WiSA speakers** or **Dismiss WiSA speakers** to add or remove speakers from your configuration.
- To dismiss a single speaker press **Dismiss speaker** when configuring the speaker.

## To configure the WiSA speakers

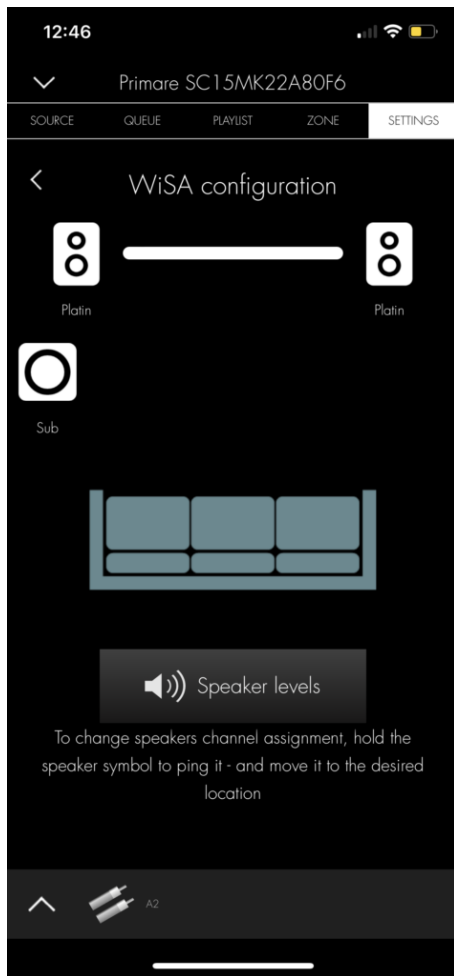
- Press **WiSA speaker configuration** to configure the speakers in your configuration.

The following instructions are displayed:



The following screen then represents each of the speakers in your configuration:

---



## To identify each speaker

- Press and hold the speaker symbol; a sound will be played through that speaker to identify it.

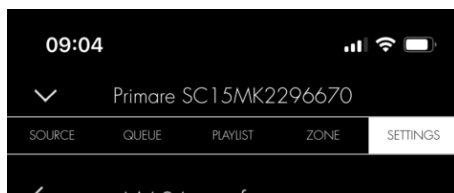
## To change the position of a speaker

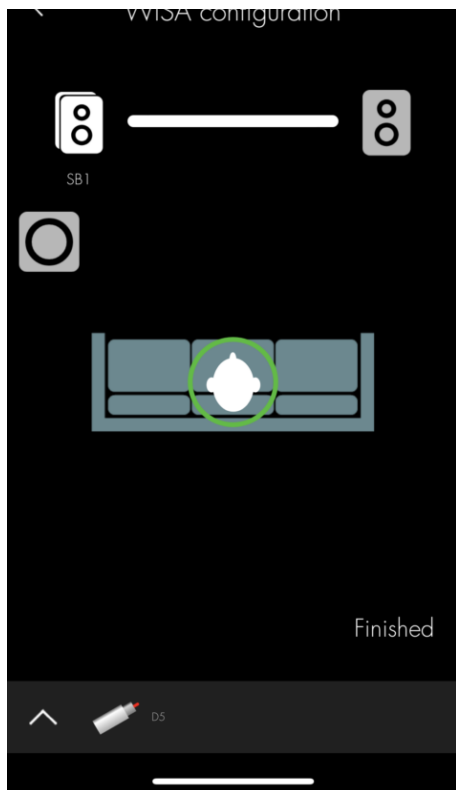
- Drag the speaker's icon and drop it into the new position.

For example, you can move the Right speaker and position it in the Left position.

## To adjust the speaker levels

- Press the **Speaker levels** button.
- Press the head icon at the listening position, and then select the speaker you want to adjust:





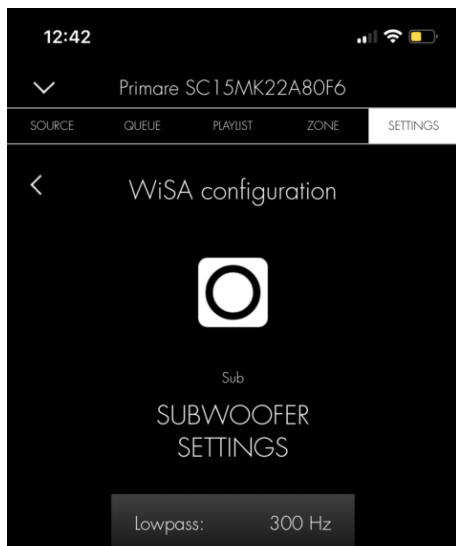
Noise will be produced from that speaker.

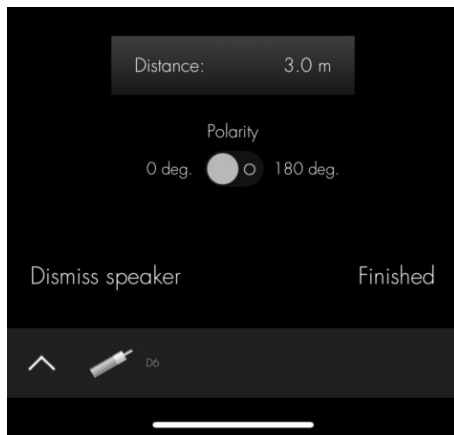
- Adjust the level with + and – buttons.
- Press **Finished** to save the changes when you've finished.

## To configure the subwoofer

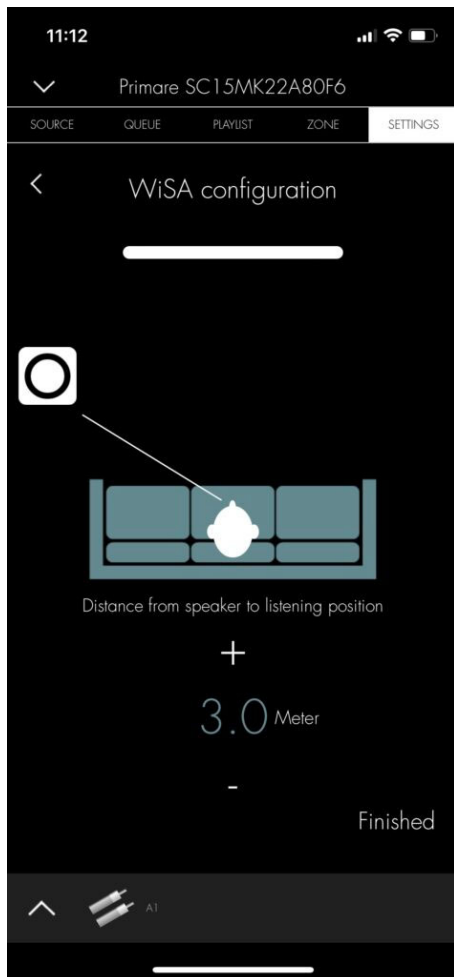
If you have a subwoofer in your system, click its icon on the **WiSA configuration** screen.

The following screen lets you set the low pass filter, distance, and polarity:





- Press **Lowpass** to select the low pass filter from a pop-up menu.
- Press **Distance** to set the distance from the listening position to the speaker, in metres:



- Press **Polarity** to set the polarity, choosing the setting that produces the best sound.
- Press **Finished** to save the changes when you've finished.

## Troubleshooting

## **WiSA module does not start up.**

- Go to **WiSA SETTINGS** in the **GENERAL SETTINGS** menu and make sure the WiSA module is on.

## **Unable to connect to speakers**

- Make sure your speakers are WiSA certified.
- Make sure your speakers are connected to power.
- Make sure your speakers are in associate mode.
- Select **ADD SPEAKERS**.

If above does not help and you are unable to find any speaker please contact a Primare store for service support.

## **If your device finds some but not all of the speakers**

Please contact your speaker manufacturer for support.

## **Speakers are very quiet**

If you feel that you need to turn up the volume a lot for your speaker to output any sound, your speaker may be missing WiSA certified firmware. Please contact your speaker manufacturer for support.

## **No sound from associated speakers**

- Make sure the speaker is associated to your device.
- Make sure your Primare device is not muted
- Make sure **WiSA MODULE** is set to **ON** and **WiSA NETWORK** is set to **ON**.
- Make sure the **ANALOG OUTPUT** setting is set to **PRE** (**LINE** mutes the WiSA output).
- Make sure the **SPEAKER MUTE** setting is set to **OFF** (**ON** mutes the WiSA output).

If there is still no sound out:

- Make sure that your Primare device outputs sound both on analog and digital out.

Please note that when playing on the PC/MAC input, if you play a sample rate above 192kHz the sound will not be output on WiSA.

If there is no sound from the digital output please contact your local Primare store for service support.

## **Product is stuck in “WiSA initiating please wait...”**

Please contact your local Primare store for service support.

## **To move a loudspeaker between WiSA networks**

- Dismiss the speaker from the WiSA network, and then add it to the second network.



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

**Technical specification**

**Additional information**

---

## ROOM AND MANUAL EQ

### **Introduction**

SC15 Prisma MK2 provides both automatic Room EQ (equalisation), and Manual EQ,

using functions included in the Prisma app. The EQ function can be used with any iOS or Android mobile device; iOS devices can use their own built-in microphone, but Android devices require the use of the Zen microphone described below.

Notes:

Automatic Room and Manual EQ is available for the SC15 Prisma MK2 only and not the original SC15 Prisma.

Automatic Room or Manual EQ is applied to WiSA speakers and analogue outputs, but not the digital output.

## **Room EQ**

Room EQ automatically creates an equalisation profile for the listening room. It uses a one minute measurement sequence during which pink noise is played through the speakers while you move a microphone around the room in large circular motions. The EQ function then calculates an appropriate equalisation profile to compensate for the room characteristics, and applies it to the speakers.

Since the room impacts the lower frequencies the most, the compensation will correct the bass range below 500Hz. However, full frequency data is captured during the measurement process so that the low-frequency output is aligned with the high-frequency output, providing a naturally even response within the room at the listening position.

The Room EQ function can use the iOS microphone on iOS devices, or a Zen Wireless microphone, available separately, on both Android or iOS devices.

## **Manual EQ**

The Manual EQ function allows you to define custom filters and apply them to the sound from the SC15.

It is possible to have both Room EQ and Manual EQ activated at the same time.

## **Zen Wireless Microphone**

The Zen Wireless Microphone is a rechargeable battery powered microphone, making it an ideal calibration tool for collecting room acoustic data when using an Android mobile device. It can also optionally be used with an iOS device.

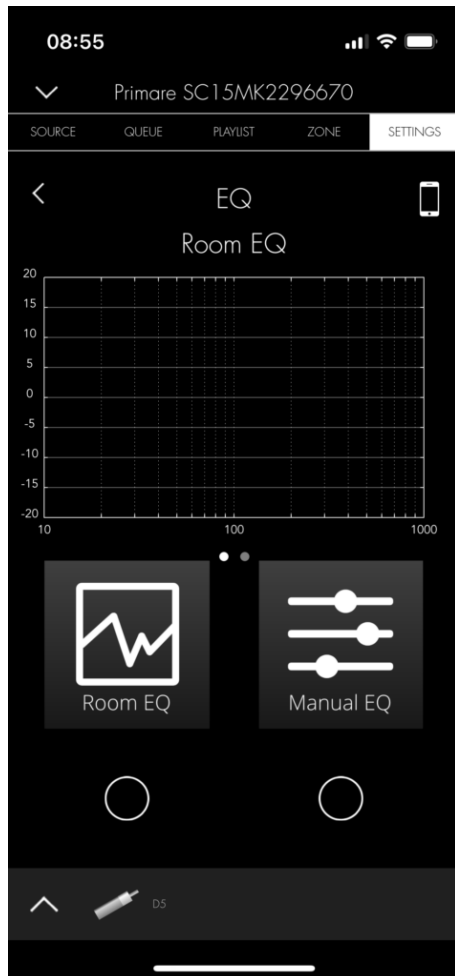
See Zen Wireless Microphone user guide at this [link](#).

## **EQ functions**

To select the EQ functions in the Primare App:

- Select the **SETTINGS** panel.
- Expand the **Audio settings** section of the menu.
- Select the **EQ** option.

The **EQ** screen is displayed:

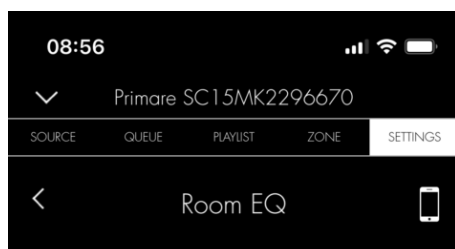


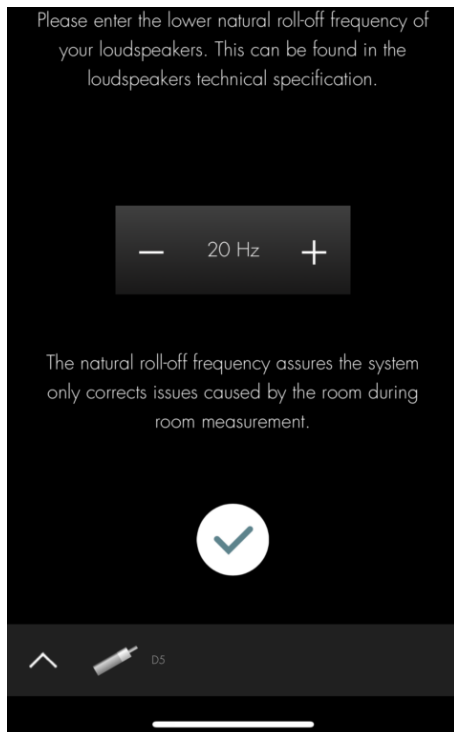
## Room EQ

To select Room EQ:

- Press the **Room EQ** icon, read the instructions, and click **Got it!**.

The following page allows you to specify the roll-off frequency of your loudspeakers, from 20Hz to 200Hz:





As a guide, enter 20Hz for large floor-standing speakers, or 100Hz for small shelf or wall-mounted speakers.

- Press the tick button to continue.

The next page allows you to start the Room EQ measurement.

- Press the **Begin** button to continue.

Any audio you were listening to will be muted, and pink noise will be played through the loudspeakers.

The progress is shown by a bar around the button, and the front panel display of the SC15 Primare MK2 shows:

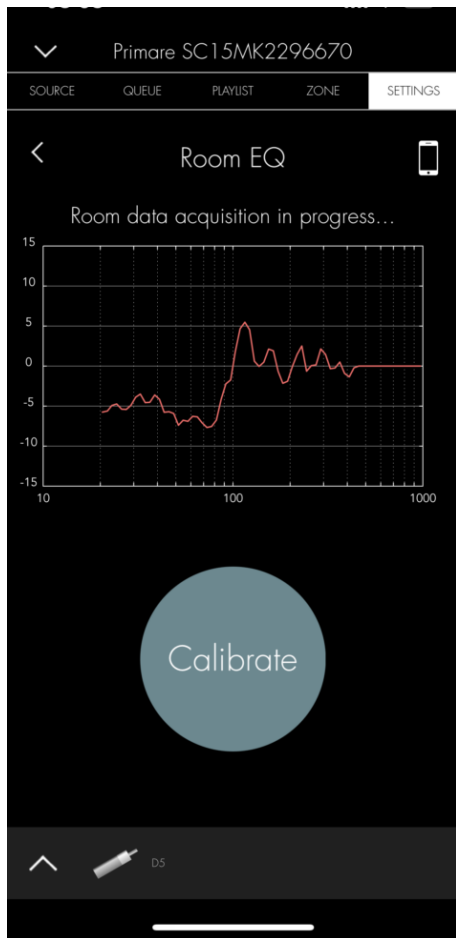


- Stand 1.5 meters or more away from the speakers.
- Do not get in between the phone/microphone and the speaker.
- Move around the entire room.

The process will take up to 60 seconds but can be stopped after 30 if the entire room has been covered.

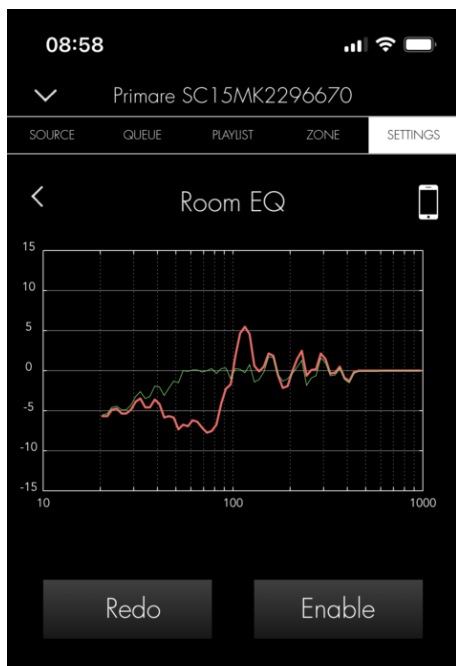
When the measurement has finished the measured room characteristic is displayed as a red curve:

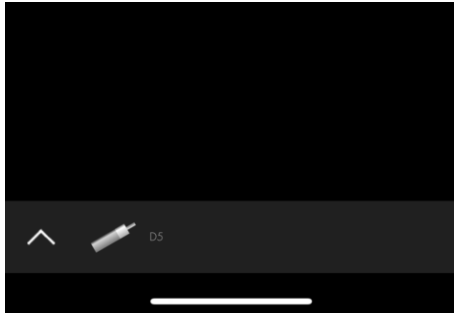




- Press the **Calibrate** button.

The corrected room EQ will be calculated and shown as a green curve on the response graph:





- Press **Enable**.

The correction is automatically uploaded to the SC15 and applied to the speakers.

The added Room EQ can be changed at any time by clicking the **Redo** button. For example, if you have changed the furnishings in your room you should recalculate the Room EQ profile.

## To activate or deactivate the Room EQ

*Either:*

- Press the radio button under the **Room EQ** icon on the main EQ screen.

*Or:*

- Press **Enable** or **Disable** on the Room EQ screen.

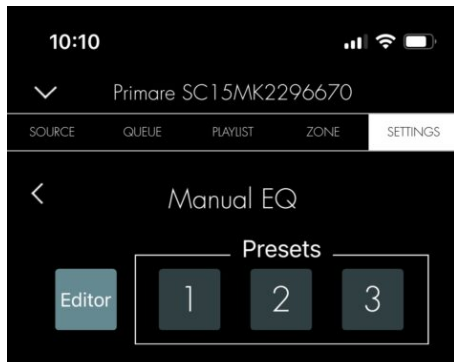
## Manual EQ

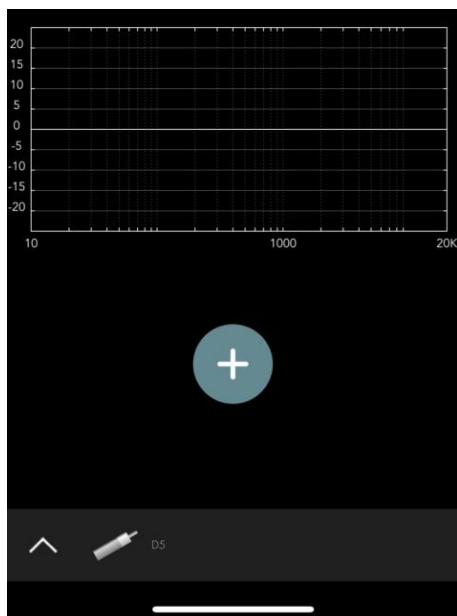
Manual EQ allows you to create up to three custom filter presets, according to your own preferences, and apply one of them to the SC15.

On the main **EQ** screen:

- Press the **Manual EQ** icon, read the instructions, and click **Got it!**.

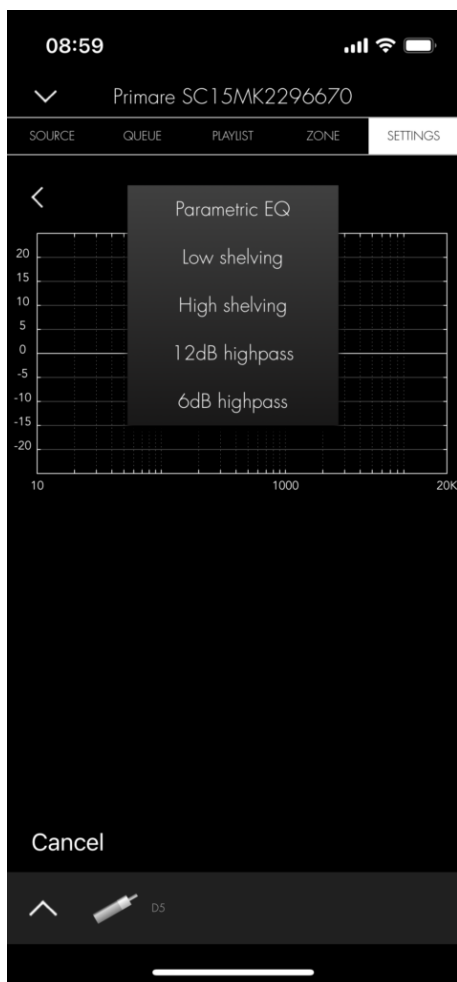
The following screen allows you define up to three presets, each consisting of up to three combined filters:





- Press the + button to create a filter.

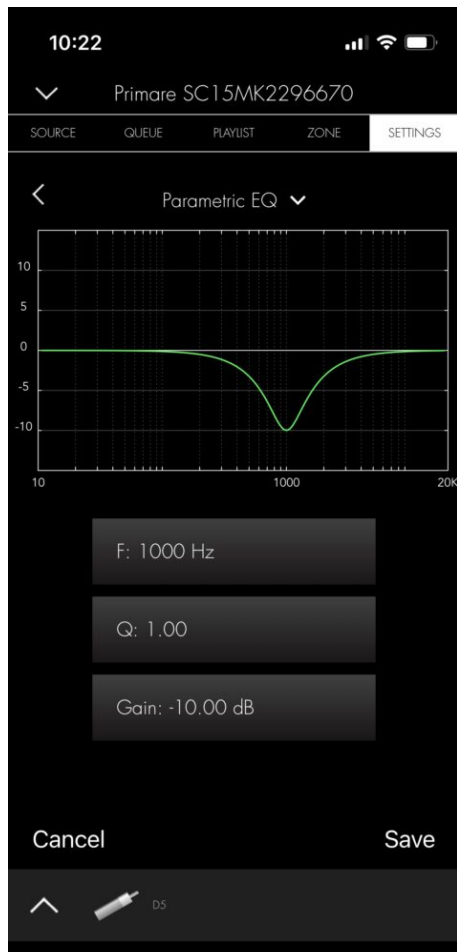
The following screen allows you to select the type of filter you want to add. The **Filter Type** menu gives you a choice of five different types of filter:



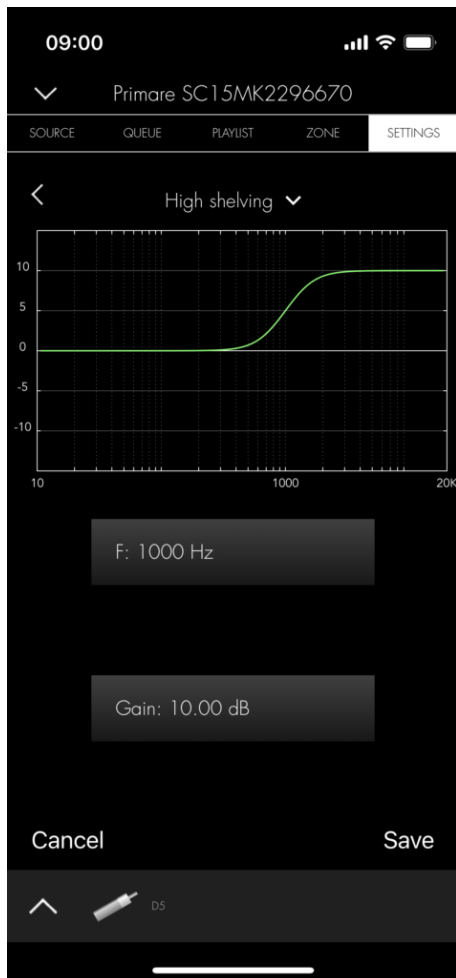
The options are explained in the following table:

Filter	Description
<b>Parametric EQ</b>	Boosts or attenuates sounds around a specified frequency.
<b>Low shelving</b>	Boosts or attenuates sounds below a specified frequency by a fixed amount.
<b>High shelving</b>	Boosts or attenuates sounds above a specified frequency by a fixed amount.
<b>12dB highpass</b>	Progressively attenuates sounds below a specified frequency.
<b>6dB highpass</b>	Progressively attenuates sounds below a specified frequency.

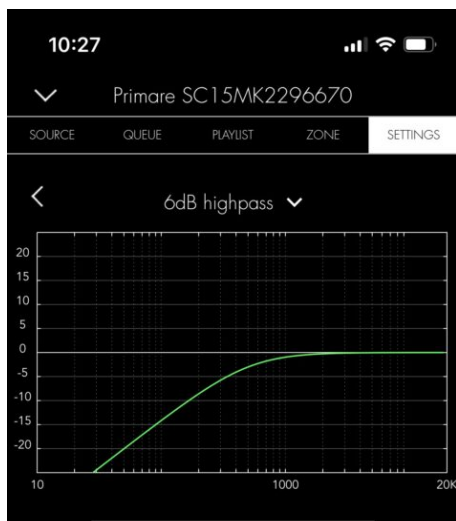
For the **Parametric EQ** filter you need to specify the amount of gain or attenuation between -10dB to 10dB, the Q between 0.01 (wide) and 30 (narrow), and the centre frequency between 10 and 20000Hz:

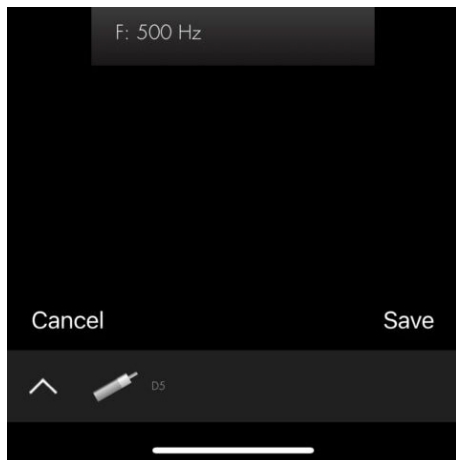


For the **Low shelving** and **High shelving** filters you need to specify the shelf frequency between 10 and 20000Hz, and gain or attenuation between -10dB to 10dB:



For the **12dB highpass** and **6dB highpass** filters you need to specify the cutoff frequency between 10 and 20000Hz:

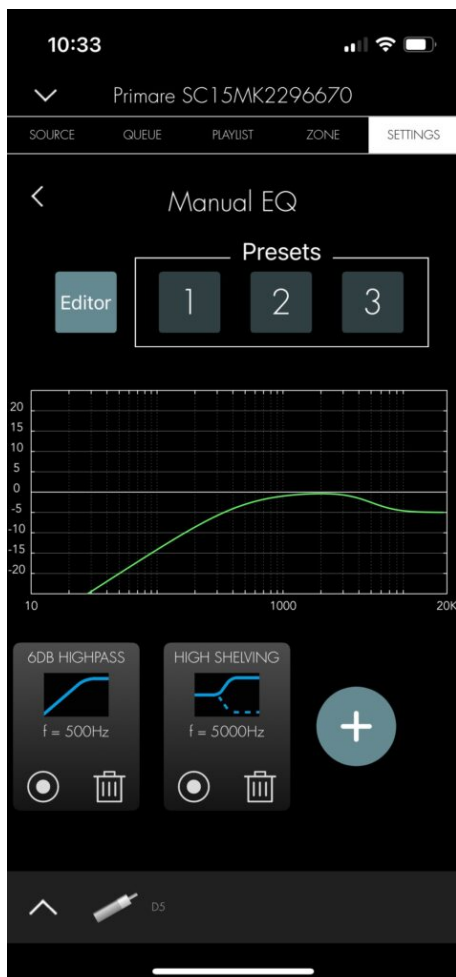




When you have specified the filter:

- Press **Save**.

Once each filter has been created it will be shown as an icon at the bottom of the **Manual EQ** page. You can create up to three filters, and their combined effect will be shown by the curve on the **Manual EQ** page:



## To disable a filter

- Press the radio button on its icon.

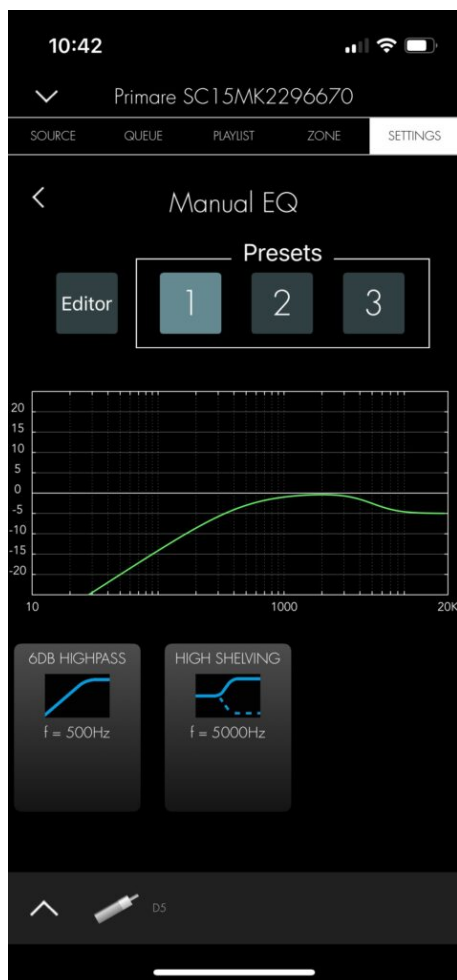
## To delete a filter

- Press the trash button on its icon.

## To save the filters as a preset

- Hold down the preset button for the preset number you want to define, and confirm by selecting **YES** to the prompt **Replace existing data**.

The **Manual EQ** page will then show the preset you have defined, and it will be applied to the SC15:



## To activate or deactivate the Manual EQ preset

- Press the radio button under the **Manual EQ** icon on the main EQ screen.

## Warning!

Because the **Manual EQ** function allows you to create arbitrary filters there is a risk that you could create signals that exceed the levels that your loudspeakers are designed to withstand for normal sources. Increase the filter gain in small steps, and test first at low listening levels.



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

**Technical specification**

**Additional information**

---

## CONFIGURING THE SETTINGS

### **Using the SC15 Prisma MK2 SETTINGS menu**

You can view and change the SC15 settings from the front panel, remote control, or

using the Prisma app.

## To display the main SC15 Prisma MK2 SETTINGS menu

- Simultaneously press the ▲ and ▼ buttons on the front panel, or press the **MENU** button on the remote control.

The main **SC15 MK2 SETTINGS** menu is displayed:

<b>SC15 MK2 SETTINGS</b>	<b>20</b>
<b>INPUT</b>	
<b>SPEAKER</b>	
<b>AUDIO</b>	

## To step between menus

- Press the ▲ or ▼ buttons on the front panel or remote control.

The current selection is shown highlighted.

When you reach the bottom of the menu the settings will scroll up, and your position in the whole menu is shown by the scroll bar to the right.

## To select a menu

- Press the **SELECTOR** button on the front panel or the **SELECT** button on the remote control.

The following main menus are available:

<b>Menu</b>	<b>Description</b>
<b>INPUT</b>	Allows you to customise the inputs to suit the sources in your system.
<b>SPEAKER</b>	Allows you to set up WiSA speakers and the analog crossover.
<b>AUDIO</b>	Allows you to customise the balance, start-up volume, maximum volume, and mute volume.
<b>GENERAL</b>	Allows you to configure the general operation of the SC15.
<b>STREAMING</b>	Allows you to configure the SC15 streaming options.

## NETWORK

Allows you to configure the network connection.

---

### To exit from the settings menus

- Simultaneously press the ▲ or ▼ buttons on the front panel, or press the **MENU** button on the remote control.

### Changing the menu settings

#### To change a setting

- Press the **SELECTOR** button on the front panel or the **SELECT** button on the remote control.

The current value is shown highlighted.

- Press the ▲ or ▼ buttons on the front panel, or the ▲ or ▼ buttons on the remote control, to change the value of the setting.

As you change it the new value is shown in the menu.

- Press the **SELECTOR** button on the front panel or the **SELECT** button on the remote control to save the value you have set.

#### To navigate back or cancel editing a setting

- Press and hold the **SELECTOR** button on the front panel, or press the ↶ button on the remote control.

## INPUT menu

The **INPUT** menu allows you to customise the inputs to suit the sources in your system.

Initially the **INPUT** menu will show the settings for the input you previously had selected; for example:

D4 SETTINGS	20
INPUT	D4
ALIAS	
STATUS	

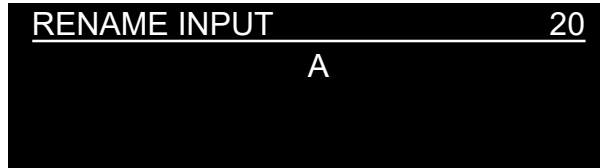
Alternatively you can edit the **INPUT** option to select another input.

## ALIAS

Allows you to give the source a name; eg **RADIO**.

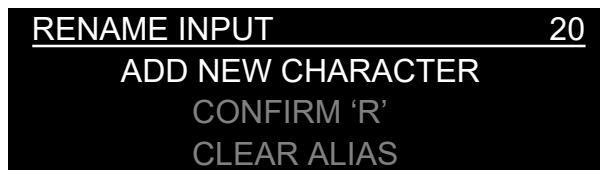
- Highlight the **ALIAS** item then press the **SELECTOR** button on the front panel, or the **SELECT** button on the remote control.

The **RENAME INPUT** menu is displayed:



- Press the ▲ or ▼ buttons on the front panel, or the ▲ or ▼ buttons on the remote control, to select the first letter.
- Press the **SELECTOR** button on the front panel or the **SELECT** button on the remote control, to select it.

After adding each character you have the options:



where **CONFIRM** shows the alias you have entered so far.

- Select **ADD NEW CHARACTER** to add further letters, up to a maximum of six characters.
- Select **CONFIRM** when you have entered the alias you want.

## STATUS

Choose between **ENABLED** (default) or **DISABLED** to specify whether the input is enabled.

## AUTO-SENSE

Choose between: **OFF** (default) to disable automatic switching, **SELECT** to automatically select an input containing an audio signal if the SC15 is on; or **WAKE+SELECT** to automatically wake up the SC15 from standby, if necessary, and select an input containing an audio signal.

## VOLUME

Choose between **VARIABLE** (default) or **FIXED** to specify whether the input should have variable or fixed gain.

**FIXED** is 0dB gain, equivalent to volume setting 66, and will override **MAXIMUM VOLUME** in **AUDIO SETTINGS**.

Selecting **FIXED** will show a loud-volume warning. Select **YES** to proceed or **NO** to cancel the fixed gain setting.

Fixed gain functions as an SSP (Surround Sound Pass-through) allowing the SC15 to be used as an amplifier in a multi-channel system setup

## INPUT GAIN

Choose between: -30dB to -1dB, 0dB (default), or +1dB to +30dB to set the gain for the selected input.

**Note:** If the gain is set too high on an input clipping may occur.

## SPEAKER menu

The **SPEAKER** menu allows you to set up WiSA speakers and the analog crossover:

<b>SPEAKER SETTINGS</b>	<b>20</b>
WiSA SETTINGS	
ANALOG CROSSOVER	

## WiSA SETTINGS

Displays the **WiSA SETTINGS** submenu:

<b>WiSA SETTINGS</b>	<b>20</b>
WiSA MODULE	ON
WiSA NETWORK	ON
ADD WiSA SPEAKER	

**WiSA MODULE:** Set to **ON** to turn on the WiSA module, or **OFF** to turn it off. The subsequent options only appear if **WiSA MODULE** is set to **ON**.

When you turn WiSA on the message **WiSA initiating...** is displayed, and the WiSA module will pair with any speakers that are ready for pairing.

**WiSA NETWORK:** Set to **ON** to broadcast to your WiSA associated speakers or **OFF** to stop broadcasting. You can also toggle this setting by pressing the SPS button on the back panel.

**ADD WiSA SPEAKER:** Adds speakers to your WiSA network without dismissing

previous speakers.

**ASSOCIATED WISA SPEAKER:** Shows all speakers associated with your WiSA network and identifies the speakers as **R** (right), **L** (left), or **SUB** (subwoofer):

<b>ASSOCIATED SPEAKERS</b>	<b>20</b>
RX 02-EA-3C-00-1E-4A	L
RX 02-EA-3C-00-27-43	R
<b>DISMISS ALL SPEAKERS</b>	

Speakers are sorted according to their WiSA MAC address.

**DISMISS ALL SPEAKERS:** Removes all the speakers from your WiSA network, and puts the speakers in associate mode.

Selecting a speaker displays the options: **REASSIGN OUTPUT** to allow you to reassign it between R, L, or S, and **DISMISS FROM NETWORK** to allow you to dismiss that speaker.

## ANALOG CROSSOVER

**SPEAKER TYPE:** Can be set to **LARGE** (default), **SMALL** for speakers that will not handle bass, or **SUBWOOFER** for speakers that only handle bass.

If **SPEAKER TYPE** is set to **SMALL** or **SUBWOOFER** a **CROSSOVER** option is shown:

**CROSSOVER:** For speakers defined as **SMALL** allows you to set a high-pass filter, which removes lower frequencies. For speakers defined as **SUBWOOFER** allows you to set a low-pass filter, which removes higher frequencies. The crossover can be set to between 40 Hz (default) and 300 Hz in 10 Hz steps.

## AUDIO menu

The **AUDIO** menu allows you to customise the balance, start-up volume, maximum volume, and mute volume.

<b>AUDIO SETTINGS</b>	<b>20</b>
<b>BALANCE</b>	<b>00LR00</b>
<b>DEFAULT VOLUME</b>	<b>20</b>
<b>MAXIMUM VOLUME</b>	<b>99</b>

## BALANCE

Allows you to adjust the balance between 00LR-9 (far left), 00LR00 (centred, default)

and -9LR00 (far right).

## **DEFAULT VOLUME**

Displays a **DEFAULT VOLUME** submenu to allow you to specify the initial volume when you bring the SC15 out of standby. There are the following options:

**DEFAULT VOLUME:** Can be set to **LAST USED** (default) to leave the volume set to the last used volume, or **SPECIFIED** to specify a default volume.

If you chose **SPECIFIED**:

**SPECIFIED VOLUME:** Sets the default volume to between 0 and 60. The default is 20.

## **MAXIMUM VOLUME**

Sets the maximum volume limit between 0 and 99. The default is 99.

## **MUTE VOLUME**

Sets the volume when the SC15 is muted. You can choose between 0 (default) and 30.

If the current volume is lower than the specified **MUTE VOLUME**, the volume will be set to 0 when pressing mute.

## **ANALOG OUTPUT**

Choose **PRE** (default) to set the analogue output to variable, or **LINE** for a fixed 0dB output. If set to **LINE** the speaker type is automatically changed to **LARGE**. For safety the setting reverts to **PRE** after the power is disconnected.

## **SPEAKER MUTE (WiSA ONLY)**

This setting allows you to mute the speaker output of SC15, while leaving the analog RCA outputs active. This allows for headphone listening using a headphone amplifier connected to the RCA outputs with the WiSA speakers muted. Additionally, **LINE** output can be selected when volume is controlled at the headphone amp or **PRE** output when you want to control volume from SC15.

Choose between **OFF** (default) to leave **SPEAKER MUTE** deactivated, or **ON** to activate **SPEAKER MUTE**. When activated, the letters "SM" will be shown in front of the current volume in OLED display. When deactivated, "SM" will disappear and volume will return to **DEFAULT VOLUME** setting.

Press and hold the **MUTE** button on C25 remote control to toggle the **SPEAKER MUTE** setting.

## GENERAL menu

The **GENERAL** menu allows you to configure the general operation of the SC15:

GENERAL SETTINGS	20
REMOTE MODE	SC
SHOW INPUTS	ALL
FRONT PANEL	UNLOCKED

### REMOTE MODE

Choose between **SC** (default) or **PRE** to specify whether the SC15 will respond to commands from the C25 remote as the **SC** device or **PRE** device.

### SHOW INPUTS

Choose between **ALL** (default), to show all inputs, or **WITH SIGNAL**, to show only inputs that have a signal.

### FRONT PANEL

Choose **LOCKED** to lock the front panel buttons, or **UNLOCKED** (default) to use them.

To unlock the front panel buttons use the remote control to select this menu, or remove power from the SC15 for a few seconds.

### AUTO-DIM

Allows you to choose the delay for dimming the front-panel display after no user interaction, between: **AFTER 1MIN**, **AFTER 5MIN**, **AFTER 10MIN** (default), or **OFF**.

### STANDBY SETTINGS

Displays the **STANDBY SETTINGS** menu to allow you to specify the standby settings.

**STANDBY MODE:** can be set to **ECO** to reduce the standby consumption to less than 0.5W, but only allows the SC15 to wake from the analogue and digital inputs, or **NORMAL** which also allows the SC15 to wake from streaming and the PC/MAC input.

**AUTO-STANDBY:** automatically switches the SC15 to standby if there is no user interaction or audio from the current source for a specified delay: **AFTER 10MIN**, **AFTER 15MIN**, **AFTER 20MIN** (default), or **OFF**.

**Note:** The **AUTO-STANDBY** function will be disabled if the network has not been set up.

## FACTORY RESET

Resets the SC15 to the factory default settings.

You are prompted to confirm. Select **YES** to proceed or **NO** to cancel.

## FIRMWARE VERSIONS

Displays the **FIRMWARE VERSIONS** menu to allow you to view the versions of firmware installed.

## STREAMING menu

Allows you to configure the SC15 streaming options:

STREAMING SETTINGS	20
METADATA	OFF
BLUETOOTH SETTINGS	
AIRPLAY PASSWORD	

## METADATA

Allows you to choose **ON** (default) or **OFF** to specify whether metadata, such as the artist name and song title, should be displayed. Metadata is available for the streaming sources apart from Bluetooth.

## BLUETOOTH SETTINGS

Displays the **BLUETOOTH SETTINGS** submenu with the following options:

**VISIBLE:** Can be set to **ON** to make the SC15 visible to other Bluetooth devices, or **OFF** (default) to make the SC15 not visible.

**Note:** **VISIBLE** allows any Bluetooth-enabled device within range to discover and pair with your SC15.

**AUTO-CONNECT:** can be set to **ON** to automatically reconnect to a paired mobile Bluetooth device when the Bluetooth input on the SC15 is selected, or **OFF** (default) to disable automatic connection.

## AIRPLAY PASSWORD

Allows you to set an optional password for connection by AirPlay. Leave empty for no password.

## NETWORK menu

Allows you to configure the network connection:

NETWORK SETTINGS	20
QUICK INFO	
NETWORK MODE	WIFI

## QUICK INFO

Shows the **NETWORK INFO** screen with the following information:

- Connection: one of **CONNECTED BY WIFI**, **CONNECTED BY CABLE**, or **NOT CONNECTED**.
- **NETWORK**, the current **SSID**.
- **IP**, the current IP address.
- **DEVICE**, the device name.
- **NET MAC**, the network MAC address.
- **BT MAC**, the current Bluetooth MAC address.

You can also display this information by holding down the **i** button on the remote control.

## NETWORK MODE

Allows you to select between **WIFI** or **CABLE** to specify how to connect to the network.



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

**Technical specification**

**Additional information**

---

## TECHNICAL SPECIFICATION

### **Analogue inputs**

2 pair RCA, 12k $\Omega$  impedance.

## **Analogue outputs**

### **Preamplifier output**

1 pair RCA, 150Ω impedance.

Selectable fixed or variable.

Subwoofer output when used with WiSA connected loudspeakers.

### **Digital inputs**

3 x Optical/TOSLINK 192kHz/24bit

1 x SPDIF/RCA 192kHz/24bit

1x USB-A up to 192kHz/24bit; up to DSD128 (5.6MHz)

1x USB-B up to 384kHz/24 bit; DSD256

### **Digital output**

1x RCA

Analogue input = 96kHz out

Digital input = pass through

## **Room and Manual EQ**

A Room EQ and/or Manual EQ can be defined using the Prisma app. It is applied to the WiSA speakers and analogue output, but it doesn't affect the digital output.

## **Performance**

### **Gain**

Preamplifier output: 16.5 dB

### **Frequency response**

Analogue: 20Hz – 20kHz -0.3dB

Digital 44.1kHz, 96kHz, or 192kHz: 20Hz – 20kHz +0.1/-0.2dB

### **Distortion**

THD + N: < 0.005%, 20Hz – 20kHz

## **Signal to Noise**

Analogue: >100dB

Digital: >110dB

## **Prisma**

### **Audio formats**

WAV, LPCM, AIFF, FLAC, ALAC, MP3, MP4 (AAC), WMA, OGG, DSD

WLAN: IEE 802.11 a/b/g/n/ac compliant; 2.4/5GHz; b, g, n mode

### **Wired inputs**

USB-A: 192kHz/24 bit; DSD 64/128

LAN: 192kHz/24 bit; DSD 64/128

WLAN: 192kHz/24 bit; DSD 64/128

### **Wireless inputs**

Airplay®

Bluetooth®

Chromecast built-in®

Spotify Connect®

WiSA wireless loudspeaker connection technology

## **General**

### **Control**

C25 system remote control

RS232

IR in/out

Trigger out

### **Power consumption**

Standby: ECO < 0.5W, Normal < 5W

Operating: < 15W

**Dimensions**

350 x 320 x 73mm (WxDxH) with knobs and connectors

350 x 310 x 73mm (WxDxH) without knobs and connectors

**Weight**

6kg

**Colour options**

Black or titanium



# SC15 Prisma MK2 System Control Center User Guide

## CONTENTS

**Safety information**

**Welcome!**

**Getting started**

**Back-panel connections**

**Using the C25 remote**

**Using the SC15 Prisma MK2**

**Connecting direct sources**

**Playing music from a drive or music server**

**Streaming music from a phone, tablet, or PC**

**Using WiSA**

**Room and manual EQ**

**Configuring the settings**

**Technical specification**

**Additional information**

---

## ADDITIONAL INFORMATION

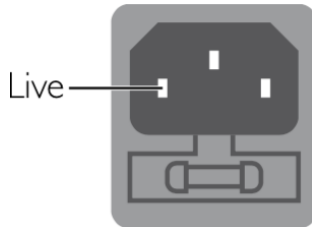
These instructions help you get the best possible sound from your SC15.

**Phase**

The phase of the AC supply can make a significant difference to the sound.

Use the Polarity Pen supplied with the SC15 to verify which pin is live on your AC power cable.

Ensure that the live pin of the AC power cable is connected to the left-hand pin of the power connector, viewed from the back panel:



## **Burn-in**

Your Primare will start to sound best after an initial burn-in of approximately 24 hours.

You will notice a further smaller improvement in sound quality for at least another 3 days' playing.

## **RS232 and trigger**


The RS232 input allows you to connect the SC15 to a controller system. Use a twisted (null modem) cable. For more information contact Primare at [info@primare.net](mailto:info@primare.net) or visit [www.primare.net](http://www.primare.net).

The Trigger output allows the SC15 to switch on other devices, such as a DD15.

## **Using the SC15 with a DD15**


Your SC15 is an ideal companion to the Primare DD15 CD Transport. For best results link the two products together as follows using the two cables supplied with the SC15:


### **To connect the trigger cable**

The Trigger cable ensures that the DD15 switches on, or to standby, when you operate the  button on the front panel of the SC15.

- Connect the Trigger cable from the SC15 TRIG OUT to the DD15 TRIG IN.

## **Factory reset**

Press and hold the  standby button on the front panel to display the main firmware version number.

Press and hold the  standby button on the front panel for 10 seconds to perform a factory reset of the SC15.

You can also do a factory reset from the Prisma app, or from the **GENERAL** menu; see [General menu](#).

## Network troubleshooting

### Front panel display

The front panel display indicates the type of network connection:

**LAN** indicates that you are connected by an Ethernet cable.

**WiFi** indicates that you are connected by wireless.

### Network status

The **CON** indicator on the back panel indicates the network status:

**ON** Indicates the SC15 is connected to a network

**OFF** Indicates no connection to a network

**Flashing** indicates that the network needs to be configured using the Google Home app.

### Spotify Connect

The Spotify Software is subject to third party licenses found here:

[https://beta.developer.spotify.com/private-documentation/esdk-third\\_party\\_licenses](https://beta.developer.spotify.com/private-documentation/esdk-third_party_licenses)



**PRIMARE AB**

Limstensgatan 7  
SE-216 16 Limhamn  
Sweden