MICHI

Michi S430

Stereo Power Amplifier
Amplificateur de puissance Stéréo
Stereo-Endstufe
Etapa de Potencia Estereofónica
Stereo vermogensversterker
Amplificatore finali stereo
Stereoslutsteg
Стерео усилитель мощности
立体声后置放大器

Owner's Manual
Manuel de l'utilisateur
Bedienungsanleitung
Manual de Instrucciones
Gebruikershandleiding
Manuale di istruzioni
Instruktionsbok
Инструкция пользователя
使用说明书

Important Safety Instructions

WARNING: There are no user serviceable parts inside. Refer all servicing to qualified service personnel.

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to moisture or water. Do not expose the unit to dripping or splashing. Do not place objects filled with liquids, such as vases, on the unit. Do not allow foreign objects to get into the enclosure. If the unit is exposed to moisture, or a foreign object gets into the enclosure, immediately disconnect the power cord from the wall. Take the unit to a qualified service person for inspection and necessary repairs.

Read these instructions.
Keep these instructions.
Heed all warnings.
Follow all instructions.
Do not use this apparatus near water.
Clean only with a dry cloth.

Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other.

A grounding type plug has two blades and a third grounding prong.

The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Only use attachments/accessories specified by the manufacturer.

Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

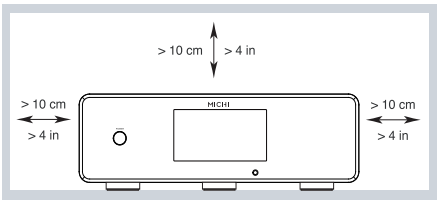
The apparatus should be used only in a non-tropical climate.

The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.

No naked flame sources, such as lighted candles, should be placed on the apparatus.

Touching uninsulated terminals or wiring may result in an unpleasant sensation.

You must allow a minimum 10 cm or 4 inches of unobstructed clearance around the unit.



WARNING: The rear panel power cord connector is the mains power disconnect device. The device must be located in an open area that allows access to the cord connector.

The unit must be connected only to a power supply of the type and voltage specified on the rear panel. (USA: 120 V / 60 Hz; EC: 230 V / 50 Hz)

Connect the component to the power outlet only with the supplied power supply cable or an exact equivalent. Do not modify the supplied cable. Do not use extension cords.

In order to completely disconnect the unit from the supply mains, remove the main plug from the unit and the AC power outlet. This is the only way to completely remove mains power from the unit.

Use Class 2 wiring for speaker connections to ensure proper installation and minimize the risk of electrical shock.

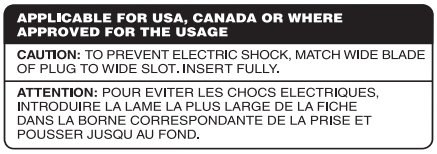
The batteries in the remote control should not be exposed to excessive temperatures such as sunshine, fire or other heat sources. Batteries should be recycled or disposed in accordance with local regulations.

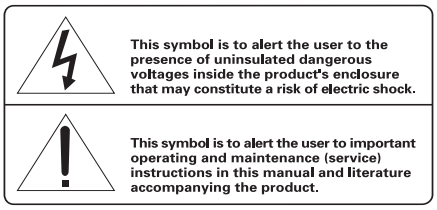
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This product shall be connected to a MAINS socket outlet with a protective earthing connection.

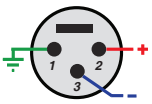
The MAINS plug or an appliance coupler is used as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.

Do not touch the unit during normal operation. Before moving the unit, switch it off. Use the remote control for additional function selection and settings.





Michi products are designed to comply with international directives on the Restriction of Hazardous Substances (RoHS) in electrical and electronic equipment and the disposal of Waste Electrical and Electronic Equipment (WEEE). The crossed wheelie bin symbol indicates compliance and that the products must be appropriately recycled or processed in accordance with these directives.



Pin Assignments

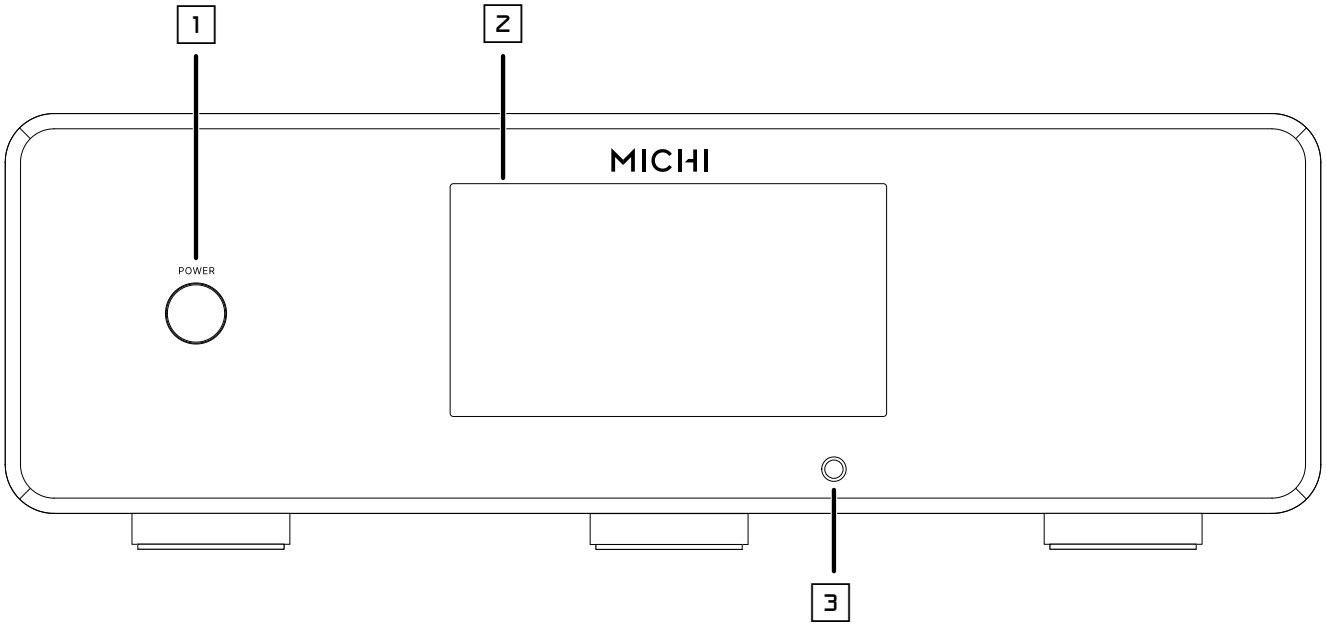
Balanced Audio (3 pole XLR):
Pin 1: Ground / Screen
Pin 2: Hot (+, in phase)
Pin 3: Cold (-, out of phase)

AC symbol, Alternating current

Direct current

CE

Figure 1-1: Controls and Connections
Commandes et branchements
Bedienelemente und Anschlüsse
Controles y Conexiones
De bedieningsorganen en de aansluitingen
Controlli e collegamenti
Kontroller och anslutningar
Органы управления и разъемы



1: POWER Button and Indicator
Turn the unit on or off.

2: Display

3: Remote sensor
Receives IR commands from the remote control.

Figure 1-2: Controls and Connections
Commandes et branchements
Bedienelemente und Anschlüsse
Controles y Conexiones
De bedieningsorganen en de aansluitingen
Controlli e collegamenti
Kontroller och anslutningar
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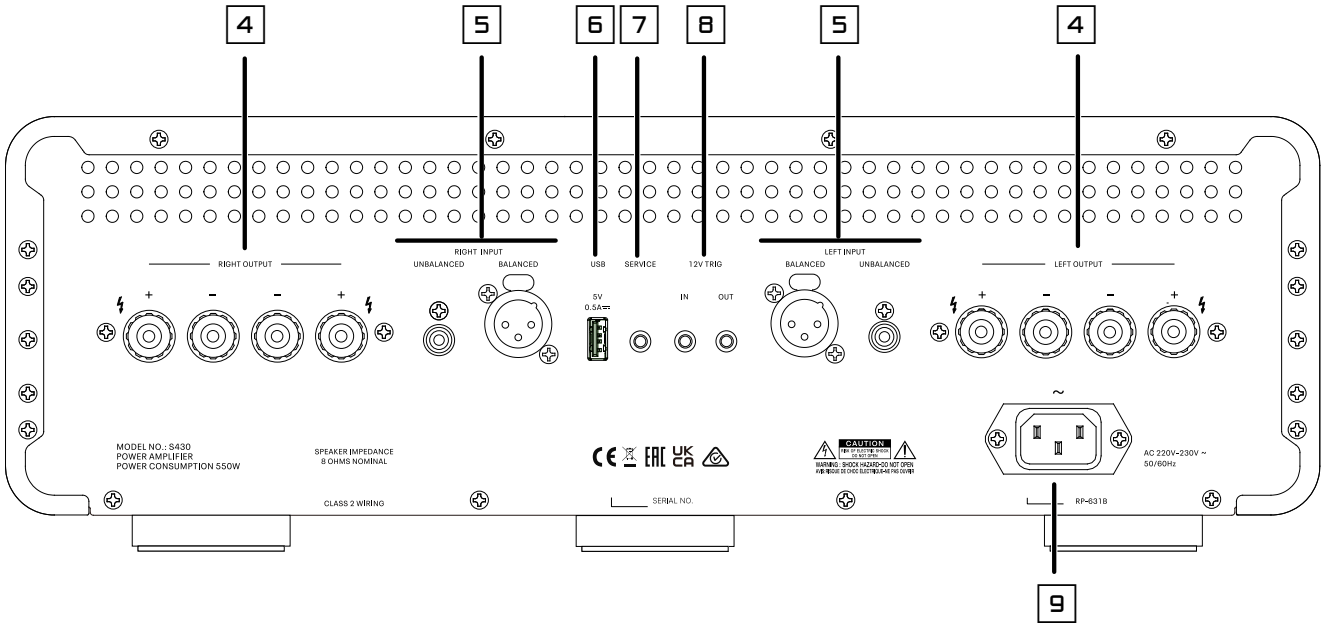


4 : Speaker Connectors

5 : Input Signal Connections

6 : USB Port
Used for software updates.

7 : Service Port
For factory service use only.

8 : 12V Trigger Connections
Send or receive a 12V trigger signal.

9 : AC Power Input

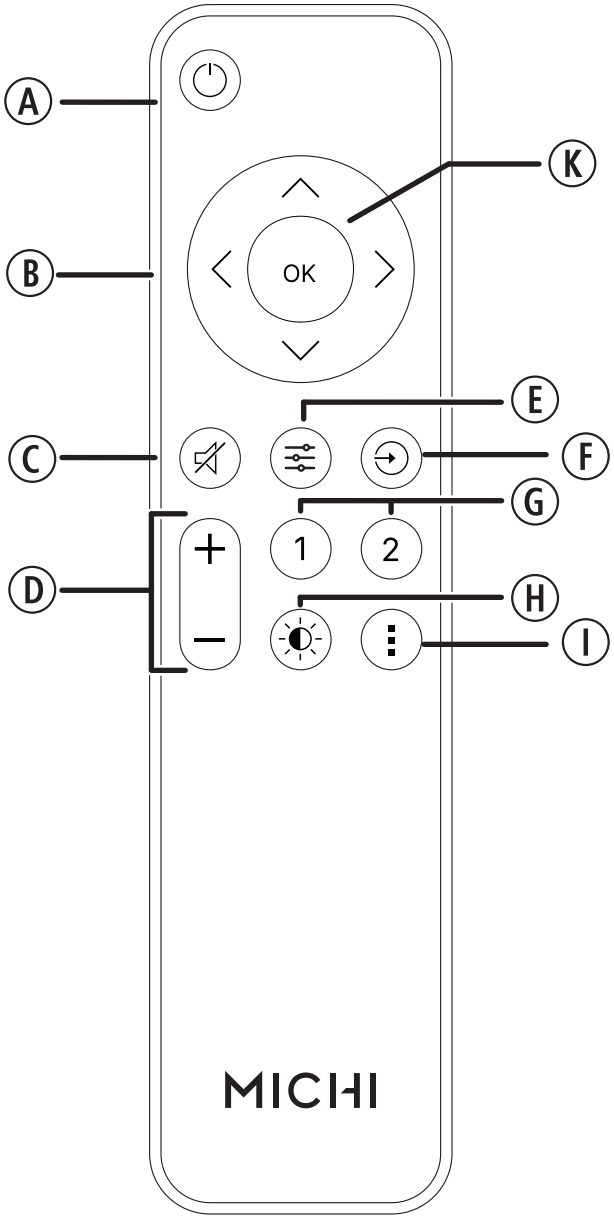
Figure 2 : Remote Control RR-MH31
Télécommande infrarouge RR-MH31
Fernbedienung RR-MH31
Mando a Distancia RR-MH31
Afstandsbediening RR-MH31
Telecomando RR-MH31
Fjärrkontroll RR-MH31
Пульт ДУ RR-MH31

Ⓐ: Power Button
Activate the unit or put it into standby mode.

Ⓑ: Navigation Buttons
Access the various menus and operate the unit settings.

Ⓒ: Mute Button

Ⓓ: Volume Buttons
These functions are not used on the S430.



Ⓚ: OK Button
Confirm the selected setting.

Ⓔ: Audio Button

Ⓕ: Source Button

Ⓖ: 1-2 Preset Buttons
These functions are not used on the S430.

Ⓗ: Dim Button
Dim the front display.

Ⓘ: Setup Button
Open the setup menu on the front display.

* The RR-MH31 Remote Control is required to access the menu for setup.

Figure 3 : Analog Input and Speaker Output Connections
Branchements des entrées analogiques et sorties enceintes acoustiques
Anschlussdiagramm (analoge Eingangsanschlüsse, Ausgangsanschlüsse für die Lautsprecher)
Conexiones de Entrada Analógicas y de Salida a las Cajas Acústicas
Analoge ingangen en luidsprekeruitgangen
Collegamenti ingressi analogici ed uscite diffusori
Anslutningar för högtalare och analoga ingångar
Подсоединение источников сигнала на аналоговые входы и акустических систем

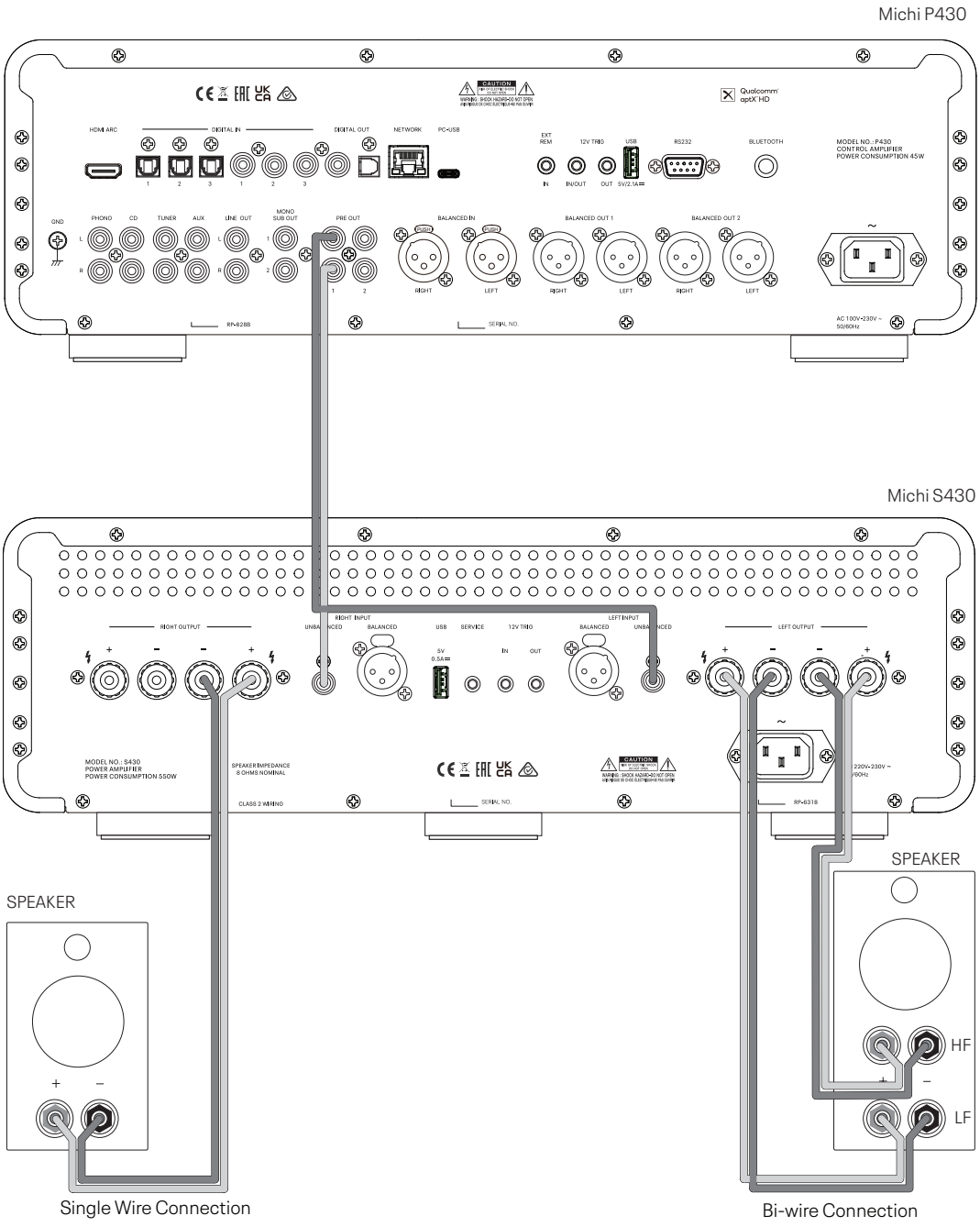


Figure 4 : Balanced (XLR) Inputs Connection
Entrées symétriques (XLR) connexion
Anschlussdiagramm (symmetrische (XLR-) Eingänge)
Conexión de Entradas Balanceadas (XLR)
Aansluiting Gebalanceerde ingangen (XLR)
Collegamenti ingressi bilanciati (XLR)
Balanserade anslutningar (XLR)
Балансные (XLR) Входы Подключение

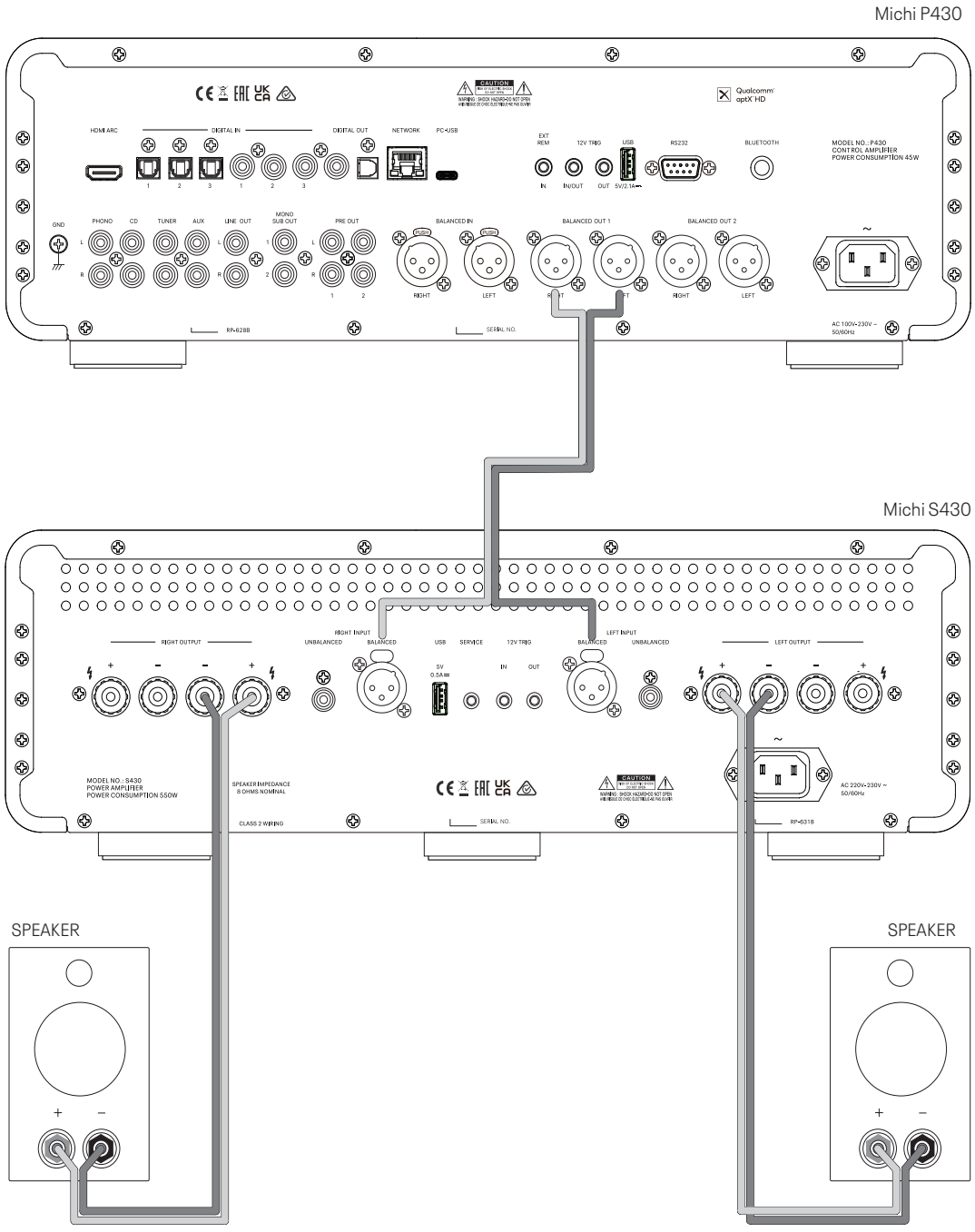
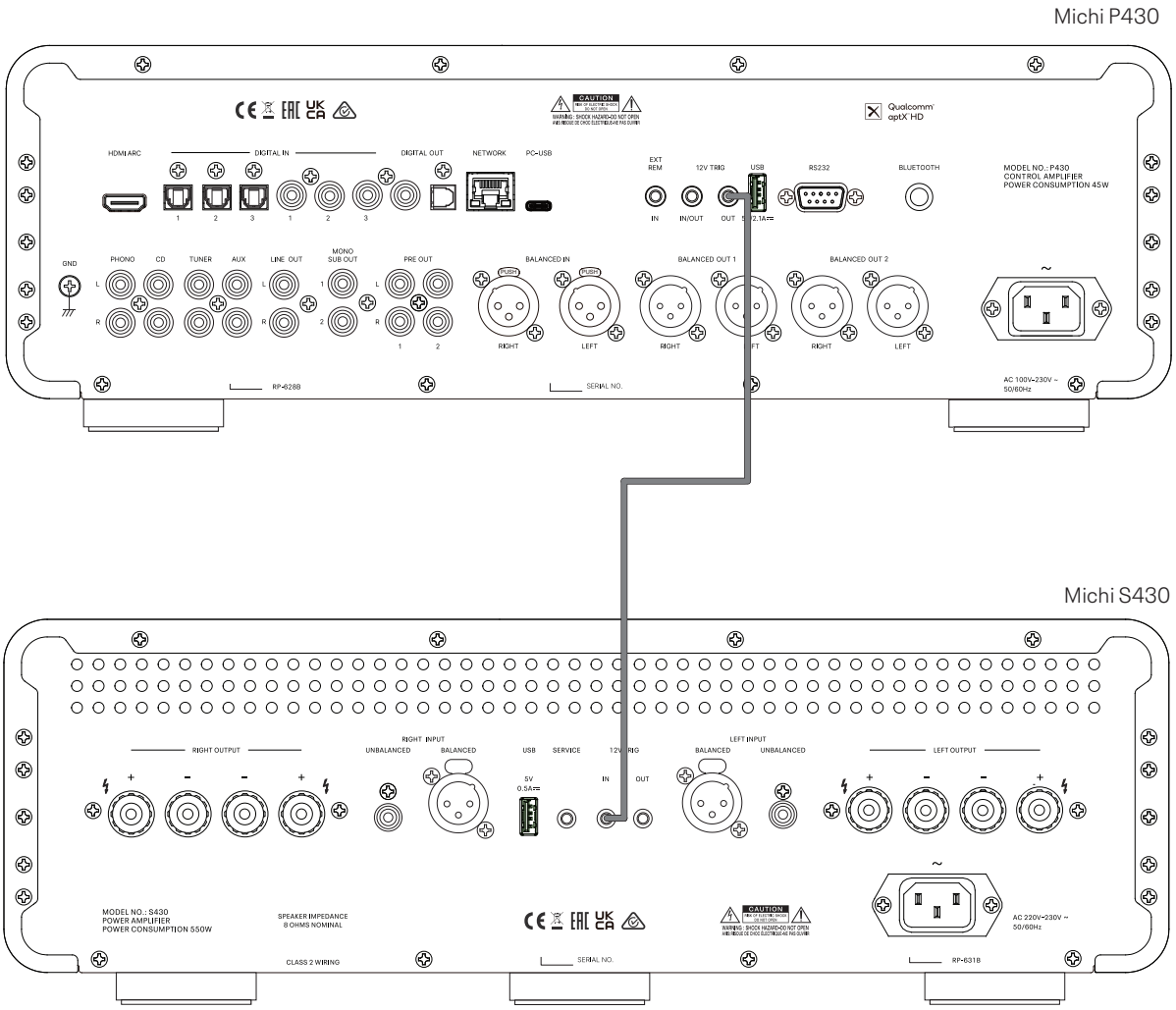


Figure 5 : 12 Volt Trigger Connections
Branchement trigger 12 V
12V-Trigger-Anschlüsse
Conexione para Señal de Disparo de 12V
De 12V trigger aansluitingen
Collegamenti segnali Trigger 12 V
12 V-anslutning för styrsignal
Подсоединение 12-В триггерного сигнала



Important Notes

When making connections, be sure to:

✔ Turn off **all** the components in the system **before** connecting **any** components, including loudspeakers.

✔ Turn off **all** components in the system **before** changing **any** of the connections to the system.

It is also recommended that you:

✔ Turn the volume control fully down **before** switching the unit on or off.

Remarques importantes

Pendant les branchements, assurez-vous que :

✔ **Tous** les maillons sont éteints **avant** leur branchement, **quels qu'ils soient**, y compris les enceintes acoustiques.

✔ Éteignez **tous** les maillons **avant** de modifier **quoi que ce soit** au niveau de leurs branchements, quels qu'ils soient.

Il est également recommandé de :

✔ Toujours baissez le niveau sonore via le contrôle de volume, **avant d'allumer ou d'éteindre** l'unité.

Wichtige Hinweise

Achten Sie beim Herstellen der Verbindungen auf Folgendes:

✔ Schalten Sie **alle** Komponenten im System ab, **bevor** Sie Geräte (einschließlich Lautsprecher) anschließen.

✔ Schalten Sie **alle** Komponenten im System ab, **bevor** Sie Anschlüsse im System verändern.

Ferner empfehlen wir, dass

✔ Sie die Lautstärke herunterdrehen, **bevor** Sie den Einheit **ein-** oder **ab**schalten.

Notas Importantes

Cuando realice las conexiones, asegúrese de que:

✔ Desactiva **todos** los componentes del equipo, cajas acústicas incluidas, **antes** de conectar **cualquier nuevo componente** en el mismo.

✔ Desactiva **todos** los componentes del equipo **antes** de cambiar **cualquier conexión del mismo.**

También le recomendamos que:

✔ Reduzca el nivel de volumen de su unidad a cero **antes** de **activarlo o desactivarlo.**

Héél belangrijk

Bij het maken van de verbindingen:

✔ Zorg dat niet alleen de S430, maar de **gehele** installatie uitstaat, als nog niet **alle** verbindingen gemaakt zijn.

✔ Zorg dat niet alleen de S430, maar de **gehele** installatie ook uitstaat, **als** u verbindingen gaat **wijzigen.**

Wij raden u ook aan om

✔ De volumeregelaar van de eenheid geheel dicht te draaien (volkomen linksom) **wanneer** u uw eindversterker **aan- of uitzet.**

Note importanti

Quando effettuate i collegamenti assicuratevi di:

✔ Spegnere **tutti** i componenti del sistema **prima** di collegare **qualsiasi** componente, inclusi i diffusori.

✔ Spegnere **tutti** i componenti del sistema **prima** di modificare **qualsiasi** connessione nel sistema.

Vi raccomandiamo inoltre di:

✔ Portare il volume a zero **prima** di **accendere o spegnere** l'unità.

Viktigt

Tänk på följande när du gör anslutningar:

✔ Stäng av **alla** apparater i anläggningen **innan** du ansluter nya komponenter eller högtalare.

✔ Stäng av **alla** apparater i anläggningen **innan** du ändrar någon anslutning.

Du rekommenderas också:

✔ Vrida ner volymen på enheten helt och hållet **innan** enheten slås **på eller av.**

Важные замечания

Перед подсоединением:

✔ Выключите **все** компоненты, включая колонки.

✔ Выключите **все** компоненты в вашей системе, прежде чем что-то в ней **менять**.

Рекомендуется также:

✔ Вывести громкость единицы на **минимум**, перед тем как **включать или выключать** его.

Contents

Important Safety Instructions **2**
- **Figure 1-1: Controls and Connections** **3**
- **Figure 1-2: Controls and Connections** **4**
- **Figure 2: Remote Control** **5**
- **Figure 3: Analog Inputs and Speaker Output Connections** **6**
- **Figure 4: Balanced (XLR) Inputs Connections** **7**
- **Figure 5: 12 Volt Trigger Connections** **8**
- **Important Notes** **9**

A Word About Watts **10**
Getting Started **10**
- **A Few Precautions** **10**
- **Placement** **11**
- **Cables** **11**

Remote Control RR-MH31 ..... **11**
- **Remote Control Batteries** **11**

AC Power and Control **11**
- **AC Power Input** [9] **11**
- **Power Switch and Power Indicator** [1] [A] **12**
- **12V TRIGGER Connection** [8] **12**
- **Protection Circuit** **12**

Input Signal Connections [5] **12**
Speaker Outputs **12**
- **Speaker Selection** **12**
- **Speaker Wire Selection** **12**
- **Polarity and Phasing** **12**
- **Speaker Connections** [4] **12**

Rear USB Port [6] **13**
SERVICE Connector [7] **13**
Front Panel Overview **13**
- **Display** [2] **13**
- **IR Remote Sensor** [3] **13**

Setup Menu **13**
Overview of Buttons and Controls **13**
Main Menu **13**
- **Display Configuration** **14**
- **System Configuration** **14**
- **Software Information** **14**

Troubleshooting **15**
- **Power Indicator Is Not Illuminated** **15**
- **Fuse Replacement** **15**
- **No Sound** **15**

Specifications **15**

A Word About Watts

This S430 power output is rated as 230 watts for each channel, when both channels are operating together at full power. Michi has chosen to specify the power output in this way because, in Michi's experience, it provides a more representative indication of the amplifier's power capability.

When comparing specifications for different products, you should be aware that power output is often specified in other ways, so you may not be comparing equivalent measurements. For example, the power output may be quoted with only one channel operating, giving a higher maximum figure.

A loudspeaker's impedance rating indicates the electrical resistance or load it offers when connected to the unit, usually 8 ohms or 4 ohms. The lower the impedance, the more power the speaker will need. In effect, a 4 ohm speaker will require twice as much power as an 8 ohm speaker.

However, Michi units are designed to work into any speaker impedance between 8 and 4 ohms, and with all the channels working up to their full power. Because Michi designs are optimized for use with all channels operating together, Michi is able to specify the true power output for both channels.

Getting Started

Thank you for purchasing the Michi S430 Stereo Power Amplifier. When used in a high-quality music audio system, your Michi product will provide years of musical enjoyment.

The unit is a full-featured, high-performance component. All aspects of the design have been optimized to retain the full dynamic range and subtle nuances of your music. The unit has a highly regulated power supply incorporating a Michi custom-designed toroidal power transformer and custom-made slit foil capacitors. This low impedance power supply has ample power reserves, which enables the unit to easily reproduce the most demanding audio signals. This design is more costly to manufacture, but it is intended to improve audio performance.

The printed circuit boards (PCB) are designed with Symmetrical Circuit Traces. This ensures that the precise timing of the music is maintained and faithfully recreated. The unit circuitry uses metal film resistors and polystyrene or polypropylene capacitors in important signal paths. All aspects of this design have been examined to ensure the most faithful music reproduction.

The main functions of the unit are easy to install and use. If you have experience with other stereo systems, you will find the unit easy to install and use. Simply connect the associated components and enjoy.

A Few Precautions

WARNING: *To avoid potential damage to your system, turn off ALL the components in the system when connecting or disconnecting the loudspeakers or any associated components. Do not turn the system components back on until you are sure all the connections are correct and secure. Pay particular attention to the speaker wires. There must be no loose strands that could contact the other speaker wires, or the chassis of the unit.*

Please read this manual carefully. It provides information on how to incorporate the unit into your system as well as information that will help you get optimum sound performance.

Please contact your authorized Michi dealer for answers to any questions you might have. In addition, all of us at Michi welcome your questions and comments.

Save the shipping carton and all enclosed packing material for future use. Shipping or moving the unit in anything other than the original packing material may result in severe damage to the unit.

If included in the box please complete the owner's registration card or register online at www.rotel.com/register. Also be sure to keep the original sales receipt. It is your best record of the date of purchase, which you will need in the event warranty service is ever required.

Placement

Like all audio components that handle low-level signals, the unit can be affected by its environment. Do not place the unit on top of other components. Also avoid routing audio signal cables near power cords. This will minimize the chance it will pick up hum or interference.

The unit generates heat as part of its normal operation. The heat sinks and ventilation openings in the unit are designed to dissipate this heat. The ventilation slots in the top cover must be open. There should be 10 cm (4 inches) of clearance around the chassis, and reasonable airflow through the installation location, to prevent the unit from overheating.

Remember the weight of the unit when you select an installation location. Make sure that the shelf or cabinet can support it. We recommend installing the unit in furniture designed to house audio components. Such furniture is designed to reduce or suppress vibration which can adversely affect sound quality. Ask your authorized Michi dealer for advice about component furniture and proper installation of audio components.

The unit is supplied with a remote control. Place the unit where the infrared signal can reach the front-panel remote sensor.

Cables

Keep power cords, digital signal cables, and analog audio cables separated during installation. This will minimize the chance of the analog audio signal cables picking up noise or interference from the power cords or digital cables. Using only high-quality, shielded cables will also help to prevent noise or interference from degrading the sound quality of your system. If you have any questions, see your authorized Michi dealer for advice about the best cable to use with your system.

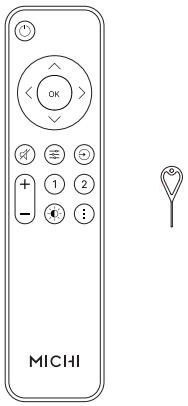
Remote Control RR-MH31

Some functions can be done with either the front panel controls, or the supplied remote control. When these operations are described, the square call out numbers refer to the main unit, while the encircled letters refer to the remote control.

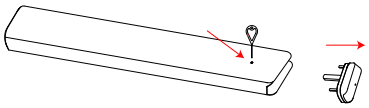
Remote Control Batteries

Two AAA size batteries must be installed before the remote control can be used. To install the batteries, follow the steps below:

1. Locate the battery compartment opener tool included with the unit.



2. Push the supplied tool into the hole on the back of the remote then the battery cover will pop out.



3. Install the batteries as shown in the illustration in the battery compartment (Figure 2). Please note there are negative and positive marks shown on the battery cover (Figure 1). Check carefully to ensure the polarity of the batteries match the markings on the cover.

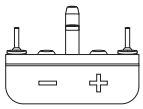


Figure 1

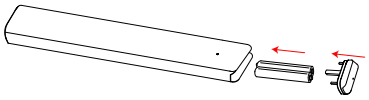


Figure 2

When the batteries are low, the remote control may not operate reliably. Installing fresh batteries should eliminate the problem.

NOTE: *Use only the tool supplied with the unit to remove the battery cover to avoid damage to the cover.*

AC Power and Control

AC Power Input 9

Your unit is configured at the factory for the proper AC line voltage in the country where you purchased it (either 120 volts AC or 230 volts AC with a line frequency of either 50 Hz or 60 Hz). The AC line configuration is noted on a decal on the back panel.

NOTE: *Should you move your unit to another country, it is possible to reconfigure your unit for use on a different line voltage. Do not attempt to perform this conversion yourself. Opening the enclosure of the unit exposes you to dangerous voltages. Consult a qualified service person or the Michi factory service department for information.*

NOTE: *Some products are intended for sale in more than one country and as such are supplied with more than one AC cord. Use only the AC cord appropriate for your country or region.*

Because of its relatively high power rating, the unit can draw considerable current. Therefore, it should be plugged directly into a polarized wall outlet using the supplied cable or other high-current compatible cable as recommended by your authorized Michi dealer. Do not use an extension cord. A heavy duty multi-tap power outlet strip may be used if it (and the wall outlet) is rated

to handle the current demanded by the unit and all the other components connected to it.

If you are going to be away from home for an extended period of time such as a month-long vacation, it is a sensible precaution to unplug your unit (as well as other audio and video components) while you are away.

Power Switch and Power Indicator 1 Ⓐ

Press the front panel Power Switch button 1 to turn the unit on. The Power ring is brightly illuminated when the unit is on. Press the Power Switch button again to turn the unit off.

When the power switch on the front panel is in the ON position, the remote control ON / OFF button Ⓐ may be used to activate the unit. To power off the unit you should **press and hold** the ON / OFF button Ⓐ for approximately 2 seconds until the unit enters standby. In Standby mode the indicator light is dimly illuminated, but the display is turned off.

NOTE: *If you are using a switched outlet to turn on and off your unit, you should leave the power switch in the "ON" position. When AC power is applied to the unit, it will turn on in active mode.*

12V TRIGGER Connection B

The jack labeled IN is for connecting the 3.5mm mono plug/cable carrying a +12 volt trigger signal to turn the unit on and off. To use this feature the toggle switch must be set to the ON position. This input accepts any control signal (AC or DC) ranging from 3 volts to 30 volts.

The jack labeled OUT is for connecting another 3.5mm mono plug/cable to provide a 12V trigger signal to other components. The 12V output signal is available whenever a +12 volt trigger signal is applied to the IN connector.

Protection Circuit

The unit has both thermal and over-current protection circuitry that protects the unit against damage in the event of extreme or faulty operating conditions. The protection circuits are independent of the audio signal and have no impact on sonic performance. Instead, the protection circuits monitor the temperature of the output devices and shut down the unit if temperatures exceed safe limits.

Under normal operating conditions, the protection circuitry should not activate. However, should a faulty condition arise, the unit will stop playing and the Display will show a red warning message and the unit will automatically power off.

If this happens, let it cool down for several minutes, and attempt to identify and correct the problem that caused the protection circuitry to engage. When you turn the unit back on, the protection circuit will automatically reset and the red warning message disappears, indicating that the unit is operating normally.

In most cases, the protection circuitry activates when a fault condition such as inadequate ventilation leading to an overheating condition. In very rare cases, highly reactive or extremely low impedance speaker loads could cause the protection circuit to engage.

If the protection circuitry triggers repeatedly and you are unable to isolate and correct the faulty condition, contact your authorized Michi dealer for assistance in troubleshooting.

Input Signal Connections 5

See Figure 3

NOTE: *To prevent loud noises that neither you nor your speakers will appreciate, make sure the system is turned off when you make any signal connections.*

The unit has conventional RCA-type input connectors, the type found on nearly all audio equipment, and accepts balanced (XLR) input connectors.

Select high quality audio interconnect cables. Connect each of the outputs from the preamplifier or signal processor to the corresponding input of the unit.

Speaker Outputs 4

Speaker Selection

We recommend using loudspeakers with a nominal impedance of 4 ohms or higher with the unit. You should exercise some caution in driving multiple pairs of speakers in parallel, because the effective impedance the unit sees is cut in half. For example, when driving two pairs of 8 ohm speakers, the unit sees a 4 ohm load. When driving multiple speakers in parallel, it is recommended that you select speakers with a nominal impedance of 8 ohms or higher. Speaker impedance ratings are less than precise. In practice, very few loudspeakers will present any problems for the unit. See your authorized Michi dealer if you have any questions.

Speaker Wire Selection

Use insulated two-conductor stranded wire to connect the unit to the speakers. The size and quality of the wire can have an audible effect on the performance of the system. Standard speaker wire will work, but can result in lower output or diminished bass response, particularly over longer distances. In general, heavier wire will improve the sound. For best performance, you may want to consider special high-quality speaker cables. Your authorized Michi dealer can help in the selection of cables for your system.

Polarity and Phasing

The polarity – the positive/negative orientation of the connections – for every speaker and unit connection must be consistent so all the speakers will be in phase. If the polarity of one connection is reversed, bass output will be very weak and stereo imaging degraded. All wire is marked so you can identify the two conductors. There may be ribs or a stripe on the insulation of one conductor. The wire may have clear insulation with different color conductors (copper and silver). There may be polarity indications printed on the insulation. Identify the positive and negative conductors and be consistent with every speaker and unit connection.

Speaker Connections 4

NOTE: *The following text describes both binding post and plug-in connections. DO NOT use both connection methods in combination to connect multiple speakers.*

Turn off all the components in the system before connecting the speakers. The unit has color-coded binding post type speaker connectors on the back panel. These connectors accept bare wire, connector lugs, or dual banana type connectors. (except in European Community countries where their use is not permitted.)

Route the wire from the unit to the speakers. Give yourself enough slack so you can move the components to allow access to the speaker connectors.

If you are using dual banana plugs, connect them to the wires and then plug into the backs of the binding posts. The thumbscrews of the binding posts should be screwed in all the way (clockwise).

If you are using terminal lugs, connect them to the wires. If you are attaching bare wires directly to the binding posts, separate the wire conductors and strip the insulation from the end of each conductor. Be careful not to cut into the wire strands. Unscrew (turn counterclockwise) the binding post. Place the connector lug or wire around the binding post shaft. Turn the binding post clockwise to clamp the connector lug or wire firmly in place.

NOTE: *Be sure there are no loose wire strands that could touch adjacent wires or connectors.*

Rear USB Port 6

The rear USB port is used only for software updates. For more information on updating the software version via USB contact your authorized Michi dealer.

SERVICE Connector 7

The SERVICE connector is for use by Authorized Service Centers only.

Front Panel Overview

The following is a brief overview of the controls and features on the front panel of the unit.

Display 2

The front panel display shows the current unit status. The display can be dimmed using the setup menu or the remote control. See the Display Configuration section of this manual for details.

IR Remote Sensor 3

This remote sensor window receives IR commands from the remote control. Please do not block this sensor.

Setup Menu

The unit features a front display to help operate the system. A comprehensive menu system is available at any time by pressing the Setup Ⓘ button on the remote control. These menus guide you through the configuration and setup of the unit. The settings configured during the setup process are permanently saved as the default settings and do not need to be adjusted again for normal operation of the unit.

Overview of Buttons and Controls

This section provides a basic overview of the buttons and controls on the remote control. Detailed instructions on the use of these buttons are provided in the more complete operating instructions in the following sections.

Power Button ⏻ 1 Ⓐ**:** The Power button on the remote control activates or deactivates the unit.

Power On - To power on the unit, press and release the Power button Ⓐ on the IR remote control.

Power Off/Standby - To power off the unit into the standby mode **press and hold** the remote control Power button Ⓐ for 2 seconds.

Navigating Ⓑ and OK Ⓚ Buttons: Use the navigation buttons ^ / v / < / > and the OK button Ⓚ on the remote control to access the various menus and operate the unit settings.

Mute Button Ⓒ**:** This function is not used on the S430.

VOL +/- Buttons Ⓓ**:** This function is not used on the S430.

Audio Button Ⓔ**:** This function is not used on the S430.

Source Button Ⓕ**:** This function is not used on the S430.

Preset Buttons Ⓖ**:** This function is not used on the S430.

Dim Button Ⓗ**:** Dims the front display. Press and release the DIM button to dim the display to the preset brightness level. **Press and hold** the DIM button to reduce the display brightness to the lowest level for minimal distraction during listening.

NOTE: *The DIM level change from the remote control is only temporary until powered off. To permanently change the brightness use the Display Brightness setting under the DISPLAY option in the setup menu.*

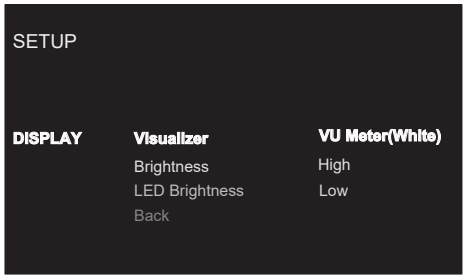
Setup Button Ⓘ**:** The Setup button activates the setup on the front display. Press the setup button again to return to the previous menu, or exit the setup menu if you are already at the top level.

Main Menu

The SETUP menu provides access to screens for various configuration options. The Setup menu is reached by pressing the Setup Ⓘ button on the remote. To select the desired menu, move the highlight using the ^ / v Ⓑ buttons

and press the OK Ⓚ button on the remote control. Press the Setup Ⓘ button to return to the previous menu or select "EXIT" to end setup and return to normal operation.

Display Configuration



The Display menu in the Setup menu provides the following options, selected by placing the highlight on the desired line using the ^ / v Ⓑ arrow buttons and pressing the OK Ⓚ button. This action displays editable options on the right side. Change the options using the ^ / v Ⓑ arrow buttons.

Visualizer: The display can show audio activity as a VU meter, power meter, or spectrum analyzer. The display can also be configured as Off during normal operation. Select the desired setting using the ^ / v arrow buttons and press the OK button to confirm.

Options include: Off, Power Meter, Power Meter X2, Power Meter X4, Power Meter X8, VU Meter(Blue), VU Meter(White)(Default), Spectrum 8, Spectrum 12, Spectrum 16.

Brightness: This function sets the brightness of the front display. The front display will always activate at the brightest level regardless of the Brightness setting to ensure the unit configuration options can easily be accessed and modified.

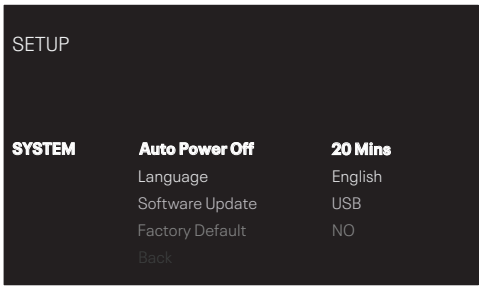
Options include: High(Default), Medium, Low.

LED Brightness: Sets the brightness of the ON level of the front panel Power LED.

Options include: High , Medium, Low(Default).

Press the Setup Ⓘ on the remote control to exit the setup menu or select "Back" to return to the main menu.

System Configuration



The System menu in the Setup menu provides the following options, selected by placing the highlight on the desired line using the ^ / v Ⓑ arrow buttons and pressing the OK Ⓚ button. This action displays the right side options allowing changes. Change the options using the ^ / v Ⓑ arrow buttons.

Auto Power Off: Set how long the unit stays powered on when there is no audio signal. The unit will automatically go to standby mode if audio is not detected for the specified timer period. Default: 20 Mins.

Options include: Disabled, 20 Mins (Default), 1 Hour, 2 Hours, 5 Hours, 12 Hours.

Language: Select a language for the On Screen Display.

Options include: English (Default), 中文, Español, Português BR, Français, Deutsch, Italiano, Русский, Česky, Svenska, Polski, Nederlands.

Software Update: Select the desired software update method.

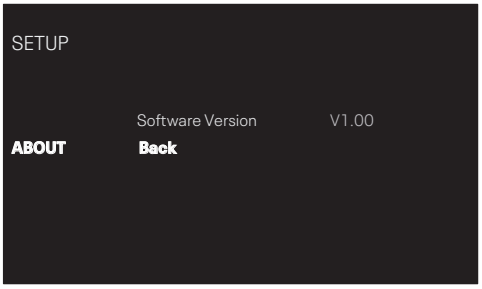
Options include: USB(Default).

Factory Default: This option restores the unit to its FACTORY DEFAULT settings. All user settings will be erased.

NOTE: *Use caution when resetting the unit to factory defaults as all user-configured options will be erased and reset to original factory settings.*

Press the Setup Ⓘ on the remote control to exit the setup menu or select "Back" to return to the main menu.

Software Information



The ABOUT menu displays detailed information about the unit's main software version. This section is useful for verifying the current software level and determining whether an update is available.

Software Version: This shows the current main software version.

NOTE: *The ABOUT menu is view-only. No settings can be adjusted from this menu.*

Press the Setup Ⓘ on the remote control to exit the setup menu or select "Back" to return to the main menu.

Troubleshooting

Most difficulties in audio systems are the result of incorrect connections, or improper control settings. If you encounter problems, isolate the area of the difficulty, check the control settings, determine the cause of the fault and make the necessary changes. If you are unable to get sound from the unit, refer to the suggestions for the following conditions:

Power Indicator Is Not Illuminated

The Power Indicator ring around the power button and the basic items in the Display window should be illuminated whenever the unit is plugged into the wall power outlet and the POWER switch is pushed in. If it does not light, test the power outlet with another electrical device, such as a lamp. Be sure the power outlet being used is not controlled by a switch that has been turned off.

Fuse Replacement

If another electrical device works when plugged into the power outlet, but the Power Indicator still does not illuminate when the unit is plugged into the wall outlet, it indicates that the internal power fuse may have blown. If you believe this has happened, contact your authorized Michi dealer to get the fuse replaced.

No Sound

Check the signal source to see if it is functioning properly. Make sure the cables from the signal source to the unit inputs are connected properly. Check the wiring between the unit and the speakers.

Specifications

Power Output *(FTC)*	250 watts/channel, *8 ohms*
Continuous Power Output *(Non FTC)*	230 watts/channel, *8 ohms*
Maximum Power Output *(Non FTC)*	390 watts/channel, *4 ohms*
Total Harmonic Distortion	< 0.03%
Intermodulation Distortion	
(60 Hz : 7k Hz, 4:1)	< 0.03%
Frequency Response *(0±0.4dB)*	10Hz - 100kHz
Damping Factor *(1k Hz, 8 ohms)*	350
Speaker Impedance	4 ohms minimum
Signal to Noise Ratio *(IHF "A" weighted)*	>115 dB
Crosstalk/Separation	>70 dB
Input Sensitivity/Impedance	
Unbalanced	2 V/12k ohms
Balanced	4 V/200k ohms
Gain	
Unbalanced	26.5 dB
Balanced	20.5 dB
Power Requirements:	
USA	120 volts, 60 Hz
EC	230 volts, 50 Hz
Power Consumption	550 watts
Standby Power Consumption	< 0.5 watts
BTU *(4 ohms, 1/8th power)*	1513 BTU/h
Dimensions *(W x H x D)*	431 x 148 x 405 mm (17 x 5 5/6 x 16 ins.)
Front Panel Height	131 mm, 5 1/6 ins
Weight *(net)*	17.5 kg, 38.6 lbs.

All specifications are accurate at the time of printing.
Michi reserves the right to make improvements without notice.

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