



USER MANUAL

FOR INTEGRATED AMPLIFIER

EXCELLENCE



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1. Preface

Dear Trigon Customer,

We are pleased that you have chosen the EXCELLENCE integrated amplifier. This device was manufactured under the strictest quality controls and is an exemplary example of modern precision engineering. Even if you are already an experienced user of HiFi devices, you should carefully study this manual and follow the instructions contained within. Please keep this manual in a safe place, as it will surely serve as a helpful tool in the operation of your integrated amplifier. The Trigon team wishes you much enjoyment with your new integrated amplifier.

2. General Device Description

2.1. Safety Instructions

TRIGON ELEKTRONIK GMBH assumes no liability for damages resulting from improper handling and failure to comply with the following safety instructions. Amplifiers must not be placed in close proximity to strong heat sources such as radiators, ovens, high-power light sources, open flames, etc. Amplifiers must not be exposed to strong impacts and vibrations. Amplifiers must not be connected to the mains voltage immediately after transportation from a cold environment to a warm room. Condensation could damage the device. Please wait for some time until the device has warmed up to room temperature. Amplifiers should not be exposed to direct sunlight. Please ensure adequate ventilation at the installation location of the device. **Never operate the devices without the protective housing cover.**

Before opening the device, always unplug the power plug from the socket. Never bypass the fuse. Please replace a defective fuse only with an original fuse of the same type and rating. Do not attempt any repairs on your own. Any maintenance or repairs must only be carried out by authorized, specially trained personnel. Damages resulting from improper handling or unauthorized interventions will void any warranty claims. Always turn off the amplifiers before unplugging or connecting cables. Ensure the correct voltage level at all times.

Only use accessories/extensions with the device that are provided by the manufacturer for this purpose. For cleaning the casing, use only a lightly dampened cloth if necessary. Do not use sharp cleaning liquids or abrasives. For safety reasons, always unplug the power plug during cleaning. Also, take care not to accidentally damage or loosen the wiring during cleaning. Before reconnecting the EXCELLENCE to the power supply, ensure the wiring is securely in place.

CAUTION! Always ensure that no liquids enter the interior of the device!

2.2. Installation Instructions

After unpacking, first check the device for any transport damage. If you discover any damage, please contact your dealer immediately. Then, check the contents of the two boxes for completeness. In addition to the EXCELLENCE, you should find the following:

- one Trigon Volt power cable
- one EXCELLENCE user manual
- one warranty request form

Place the device horizontally in a dry location. Always ensure good ventilation. Strong magnetic stray fields, such as those generated by halogen light transformers, can cause humming interference. Therefore, place the integrated amplifier at a distance from such devices. Also, avoid laying connection cables parallel to light cables. Humming interference can also come from fluorescent lamps, so maintain a minimum distance of approximately 1 meter. Avoid direct sunlight and do not place the EXCELLENCE in close proximity to strong heat sources.

2.3. Warranty Services and Service

You have acquired a high-quality and technologically sophisticated product with the EXCELLENCE. At Trigon, we strive to meet the requirements placed on a Trigon product in every stage of production through numerous quality tests and strict outgoing goods controls. However, should a malfunction occur, TRIGON ELEKTRONIK GmbH provides a 3-year warranty. The warranty includes the repair of the defective part as well as the labor costs incurred. Warranty repairs are typically carried out at the Trigon factory. Further claims are excluded. The warranty does not cover any damages caused by improper installation, faulty operation, or repairs by unauthorized dealers and private individuals. Additionally, the warranty is void if manufacturing numbers are made illegible. Transport damages or damages caused by accidents are also excluded from the warranty. Please ensure that the warranty card is fully completed, as this is necessary to assert any warranty claims. You have a 3-year warranty on the device, which starts from the date of delivery by the dealer. Therefore, keep the purchase receipt along with the warranty card, which establishes the date of delivery. Inquire with your dealer about the duration of time the device has been with them, as the warranty period is reduced accordingly after one year of stay with the dealer.

3. Commissioning

After unpacking the amplifier, the device should first be allowed to warm up to the ambient temperature. Especially in the cold season, moisture can condense inside the housing if the device is moved from a cold to a warm environment.

Front view EXCELLENCE



Once the devices have acclimatized, we recommend familiarizing yourself with your new EXCELLENCE integrated amplifier. First, plug the supplied Trigon Volt power cable into the power socket (16) of the EXCELLENCE, then connect the power plug to the power outlet. Now, switch on the integrated standby power supply by pressing the switch (17) on the back of the power supply unit.

Rear view EXCELLENCE



Now the EXCELLENCE is in standby mode, and the LED (2) on the front panel of the EXCELLENCE is lit red. To fully turn on the EXCELLENCE, tap the circular symbol below the On/Off label (1) with your finger. A LED within the circle will light up, indicating the EXCELLENCE is turning on or off. After a short start-up phase (the status LED (2) blinks red and green), you'll hear clicks from some relays. Once the display lighting has turned on and the LED (2) is continuously green, the EXCELLENCE is ready for operation. You should now familiarize yourself with the controls and connection sockets.

Once you have familiarized yourself with the basic functions and understood the operation of the EXCELLENCE in principle, you can begin with the wiring.

WARNING!!! Before you begin with the wiring, however, you should – as always when working with wiring – turn off the EXCELLENCE as well as the other devices in your system! Absolutely avoid inserting RCA plugs into an UNBAL INPUT while the EXCELLENCE is turned on, as unfortunately, these plugs initially make contact with the signal contact and then with the neutral return conductor (ground), which typically results in a very loud hum that could potentially damage the power amplifiers and your speakers!



- 31. Speaker Display
- 32. Headphone Display
- 33. Unity Gain Display
- 34. Split Display
- 35. Reverse Display
- 36. Mono Display
- 37. Mute Display
- 38. Selected Input
- 39. Input Label
- 40. Volume Display
- 41. Display Timeout Display

3.1. Controls on the Front Panel

1. Power On/Off Switch

With this button, the EXCELLENCE is turned on or off. If the LED (2) above this button is not illuminated, the standby function via switch (17) is not yet activated or the amplifier is not yet connected to the power supply (16).

2. Operation Indicator LED

This LED lights up as soon as the EXCELLENCE is connected to the power supply and switched on via switch (17). When the power on/off switch (1) is tapped, this LED will blink red and green until the EXCELLENCE is ready for operation.

3. **Mono Button**

Menu -> Sound -> Mono (Chapter 4.1)

Pressing this button toggles the mono playback on or off. When the LED (4) above the button is illuminated and the symbol (36) is displayed in the display, mono playback is activated.

4. **Mono Status LED**

If this LED is lit, mono playback is activated.

5. **Headphone Jack**

Menu -> Output -> Phones (Chapter 4.5)

If the LED (6) above the headphone jack is illuminated and the symbol (36) is not displayed in the display, the headphone jack is activated.

A 6.3mm headphone plug can be inserted into this socket. The impedance of the headphones should not be less than 32 ohms.

6. **Headphone Jack Status LED**

If this LED is lit, the headphone jack is active.

7. **Menu Button**

Pressing this button toggles the menu on or off. If the LED (8) above the button is illuminated, you are in the menu.

8. **Menu Status LED**

If this LED is lit, you are in the menu.

9. **Speaker Button**

Menu -> Output -> Speaker (Chapter 4.5)

Pressing this button toggles the speaker jacks (18)(19) on or off. If the LED (10) above the button is illuminated and the symbol (37) is not displayed in the display, the speaker jacks (18)(19) are activated.

10. **Speaker Status LED**

If this LED is lit, the speaker jacks (18) and (19) are activated.

11. **Infrared Receiver**

To ensure that your Trigon remote control can establish a connection, please do not place anything in front of this sensor.

12. Input Knob

In the main window, you can rotate the knob to switch between the different inputs (38). This input is activated by not rotating the knob for one second. If you are in the menu window, you determine your selection by rotating and pressing the knob. To edit and accept the selected value, press the knob. If you continue rotating beyond the top or bottom menu item, you will return to the menu selection. Use the menu button (7) to return to the main window.

13. Volume Knob

Rotate the Volume knob to adjust the volume. The value is displayed at the top of the display (40) and on the LED ring around the knob.

Pressing the knob sets the volume to zero (Mute), and pressing it again resets it to the previous value. Mute is also indicated in the display (37) and the LED ring. To exit Mute mode, you can also manually increase the volume.

14. LED-Ring

Menu -> Bright. -> LED Ring (Chapter 4.2)

The LEDs indicate the current volume level. The brightness of the LEDs can be adjusted or completely deactivated in the menu.

15. Display

The EXCELLENCE is equipped with a 7-inch display on the front panel. The display brightness can be adjusted in the menu.

To do this, go to Menu -> Bright. -> Display (see Chapter 4.2).

3.2. Rear Panel Connections

16. Power Socket

Here, the power cable is plugged in. Always ensure the correct mains voltage. By default, the EXCELLENCE is set for a mains voltage of 230 V AC. If the EXCELLENCE has been configured for other mains voltages, corresponding indications are provided on the device.

17. Standby Power Switch

With this switch, the power connection to the EXCELLENCE is established. However, the EXCELLENCE is only fully turned on by pressing switch (1). When the switch (1) is not pressed, the EXCELLENCE is in standby mode, which is also indicated by LED (2).

18. and 19. Speaker Connection Jacks

These terminals are used to connect the speakers. The impedance of the connected speakers should not be less than 2 ohms.

20. REMOTE 10V Socket

Menu -> Power -> Remote (Chapter 4.3)

If you have connected another power amplifier to the EXCELLENCE and this power amplifier has a 10V DC remote input, you can use the 10V DC signal provided at this socket to turn the additional power amplifier on or off together with the EXCELLENCE.

21. USB-Input

At this input, a computer can be connected. When the computer is first connected to the EXCELLENCE, it takes a moment for the computer to install the necessary standard driver. The computer now treats the EXCELLENCE as a separate USB sound card. At the EXCELLENCE, the USB input (38) still needs to be selected.

22. Optical SPDIF Inputs

At the optical Toslink input, a source device can be connected using a Toslink optical cable. The data format is also SPDIF.

At the EXCELLENCE, the input Digital 3 or Digital 4 (38) must then be selected.

23. Coaxial SPDIF Inputs

The RCA jacks are the two coaxial SPDIF inputs. All devices with a standard SPDIF output can be connected here. At the EXCELLENCE, the input Digital 1 or Digital 2 (38) must then be selected.

24. Balanced 2 Input

A balanced stereo input for source devices with line level (e.g., CD player). Use an XLR cable to connect your source. At the EXCELLENCE, the input Balanced 2 (38) must then be selected.

25. Balanced 1 Input

A balanced stereo input for source devices with line level (e.g., CD player). Use an XLR cable to connect your source. At the EXCELLENCE, the input Balanced 1 (38) must then be selected.

26. Unbalanced 3 Input

An unbalanced audio input with line level, such as a CD player. Use a RCA cable to connect your source. Ensure a secure connection to ensure optimal sound quality. At the EXCELLENCE, the input Unbalanced 3 (38) must then be selected.

27. Unbalanced 4 Input

An unbalanced audio input with line level, such as a CD player. Use a RCA cable to connect your source. Ensure a secure connection to ensure optimal sound quality. At the EXCELLENCE, the input Unbalanced 4 (38) must then be selected.

28. Send

This connection is used to route the audio signal to an external effects unit or signal processing unit. Connect this output to the input of the external device to process the signal or add effects.

29. Return

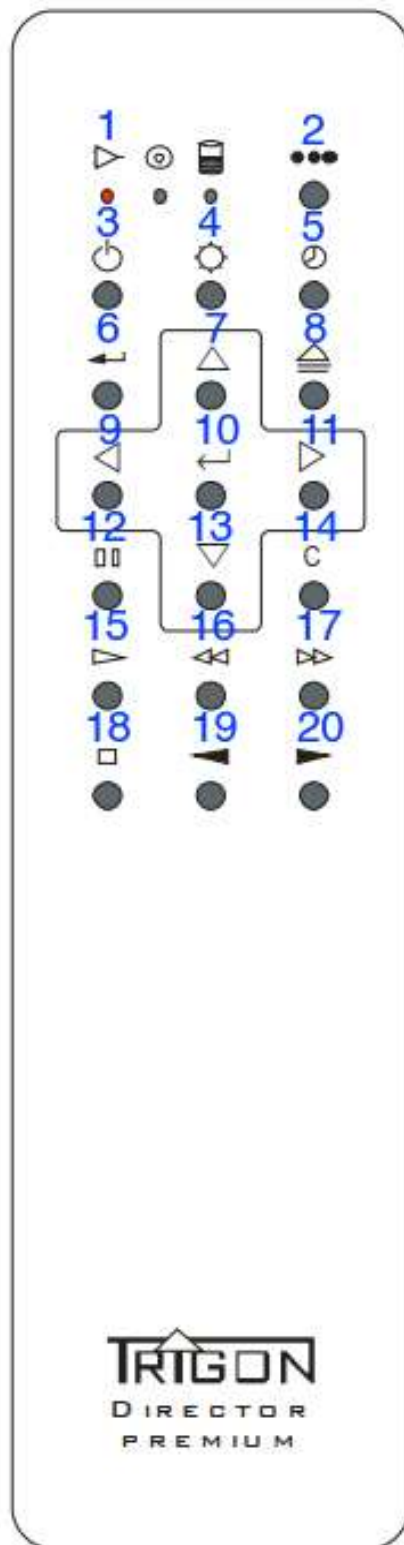
At this connection, the processed audio signal is received from an external effects unit or signal processing unit. Connect this input to the output of the external device to route the processed signal back into the audio system.

30. Balanced Output

The balanced output is the preamplifier output of the EXCELLENCE. Active speakers or active subwoofers as well as external power amplifiers can be connected here. The volume at this output is adjusted by the Volume Knob (13) in parallel with the internal power amplifier.

3.3. EXCELLENCE with Director Premium Remote Control

Of course, the most important functions of the EXCELLENCE can also be controlled remotely with the Trigon Infrared System Remote Control Director Premium.



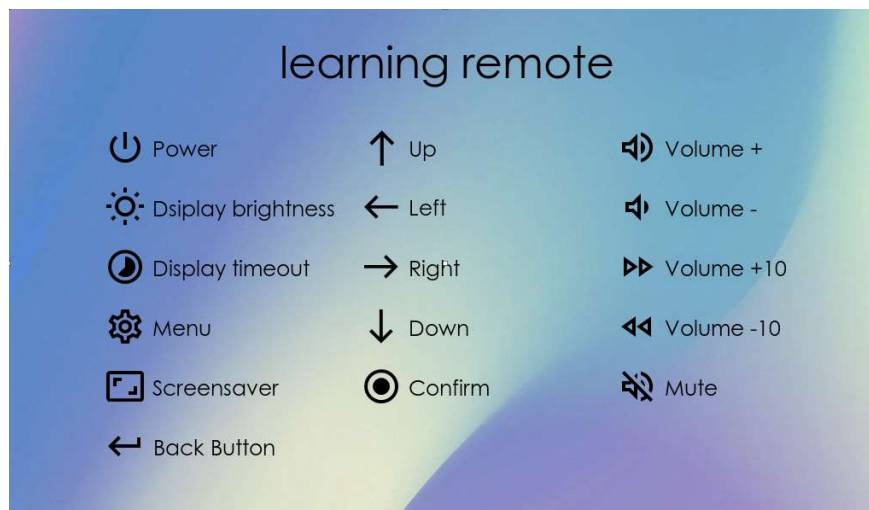
1. When pressing a button, you can see which device type the remote control is set to. It should be set to Amplifier (the left LED).
2. If this is not the case, press button 2 to switch to Amplifier.
3. Press this button a bit longer to turn the EXCELLENCE on or off.
4. Adjust display brightness.
5. Set display timeout (see Chapter 4.2).
6. Use the Back button to navigate back one level in the menu or in the Rename window (see Chapter 4.4).
7. Press the Up button to select a different input or to navigate in the menu.
8. Turn on/off Basic mode (see Chapter 4.4).
9. Use the Left button to navigate in the menu or in the Rename window.
10. Confirm (OK). This can be used to select a menu item and confirm a letter in the Rename window.
11. Use the Right button to navigate in the menu or in the Rename window.
12. No function.
13. Press the Down button to select a different input or to navigate in the menu.
14. Turn the menu on or off.
15. No function.
16. Increase volume by +10.
17. Decrease volume by -10.
18. Turn mute on or off.
19. Increase volume by +1.
20. Decrease volume by -1.

1.1. Programming the Remote Control

Under (Menu -> More -> Learn Remote), you can program buttons on your own remote control to work with the Excellence amplifier. Follow these steps:

- Turn the Input knob (12) to the desired button you want to assign, and confirm by pressing the knob.
- The display on the Excellence will change, indicating that the device is ready to receive a remote control signal.
- To cancel the process, turn the Input knob (12) again.
- To delete the setting, press the Input knob (12).

After receiving a remote control signal or deleting a setting, a confirmation will be displayed.



2. Settings

To access the settings, press the Menu button (7).

Navigation is done by rotating and pressing the Input knob (12).

2.1. Sound

- **Balance**

With the Balance control, you can adjust the volume between the left and right channels to achieve the optimal volume distribution for your listening position. Rotate the knob to the left to shift the volume more towards the left channel, and to the right to shift it more towards the right channel. The displayed graphic shows your selected setting. The center corresponds to a balanced ratio between both channels. Experiment with different settings to adjust the volume balance to your preferences.

- **Level**

The Level control allows you to adjust the levels for the current inputs to compensate for volume differences between different inputs. This setting is saved separately for each input, allowing you to set the level for each input individually. Turn the knob up to increase the levels, and down to decrease them.

- **DAC-Filter**

The DAC filter (Digital-to-Analog Converter filter) allows you to customize the sound profile according to your preferences. Depending on your personal taste, you can choose between different filter options. Use the following options for different sound characteristics:

- 0: Fast Roll-Off, Minimum Phase Filter
- 1: Fast Roll-Off, Linear Phase Filter
- 2: Slow Roll-Off, Linear Phase Filter
- 3: Slow Roll-Off, Minimum Phase Filter
- 4: Apodizing, Fast Roll-Off, Linear Phase Filter
- 5: Hybrid, Fast Roll-Off, Minimum Phase Filter
- 6: Brickwall Filter

Choose the filter that best suits your sonic preferences.

- **Mono**
Pressing this button toggles the mono playback on or off. When the LED (4) above the Mono button is lit and the symbol (36) is displayed on the screen, mono playback is enabled.
- **Reverse**
When the Reverse function is activated, the audio signals of the left and right channels are swapped.
- **Vol Start**
By default, the startup volume is set to 10. However, this setting can be adjusted according to your individual preferences. Please note that setting the startup volume too high may result in a sudden loud volume when switching to speaker operation or after a safety feature activation such as HF, temperature, or overload. It is recommended to set the startup volume relatively low to avoid unwanted high volume peaks.

2.2. Brightness

- **Display**
The brightness of the display can be adjusted either directly through the menu of the integrated amplifier or conveniently with the remote control. Select the desired brightness setting to adjust the display to your environmental conditions or to make the display more readable in different lighting conditions. Simply turn the knob (13) to adjust the brightness.
- **LED-Ring**
The brightness of the LEDs can be adjusted to your preference by turning the knob (13) or completely turned off. This allows you to customize the LED ring lighting to your personal preferences and ensure appropriate visibility even in dark environments if needed.
- **LED-Button**
The blue LED illumination of the buttons SPK, Menu, Mono, and Power can also be adjusted individually. The brightness of the LEDs can be adjusted to your preference by turning the knob (13) or completely turned off. This allows you to customize the button illumination to your personal preferences and ensure appropriate visibility even in dark environments if needed.

2.3. Power

- **Remote**

If you have connected an additional power amplifier, a subwoofer, active speakers, or another device with a 10V DC remote input to the EXCELLENCE, you can switch these devices on and off together with the EXCELLENCE using the 10V DC signal provided at this socket.

- **Time out**

You can set the EXCELLENCE to automatically switch off after a certain number of minutes. This can be adjusted in increments of 10 minutes and is adjustable for up to a maximum of 480 minutes (8 hours). After switching it back on, the time-out is deactivated again. Additionally, you can see the remaining time in the menu. In the last 30 seconds, a window will appear on the main display allowing you to prevent the shut-off by turning the rotary knob (12).

- **Display Time out**

It is possible to set the display to automatically turn off after an adjustable time span of 5 to 60 seconds. When interacting with the device, the display will turn on again and remain active for the set time span before turning off once more.

- **Sceensaver**

This setting, in combination with Display Timeout, results in the start screen being displayed instead of the display turning off after the set time. When interacting with the device, the screen will fade out and remain off for the set duration before being displayed again. If this setting is enabled and Display Timeout is disabled, the Display Timeout will automatically be set to 5 seconds.

2.4. Display

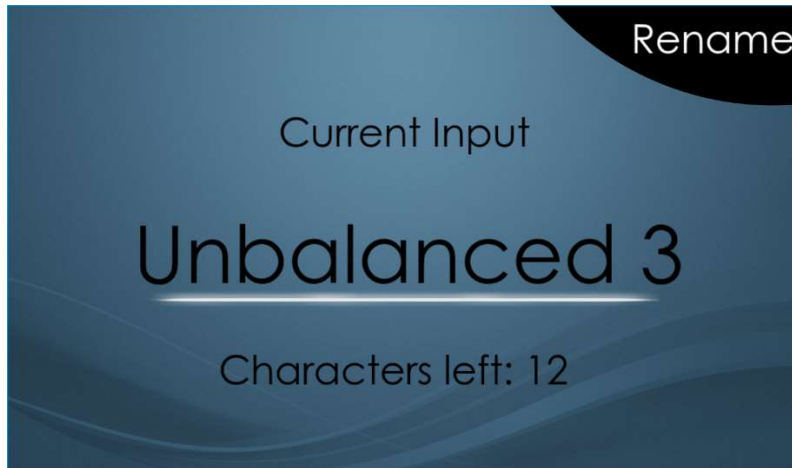
- **Volume**

You can choose whether the volume is displayed permanently or only briefly when adjusting the volume.

- **Notifications**

The symbols (31) to (37) on the main display can be deactivated so that they are no longer shown. In Basic Mode (see below), these symbols are also not displayed.

- **Rename**



In the Rename window, you can change the label of the currently selected input. The letter currently selected for editing is enclosed in square brackets. By turning the rotary knob (12), you can select characters from A-Ü, a-ü, 0-9, and the space character, and confirm your selection by pressing the knob. A maximum of 12 characters is allowed, and each press moves one character to the right to be edited. After the twelfth character, the label will be saved. Pressing the Menu button (7) will cancel the process.

- **Input Text Color**

The color of the INPUT text can be set here.

- **Basic Mode**

In Basic Mode, only the current input is displayed to provide a simple view. The left button and symbols (31) to (37) on the main display are no longer shown.

- **Background**

You can choose from 8 different background images. Setting it to zero makes the background black.

2.5. Output

- **Split**

This function activates the "Send" and "Return" ports. When this function is turned on, the audio signal is routed to the "Send" port and can be processed by an external effects device (e.g., equalizer) or signal processor. The processed signal is then returned through the "Return" port. Use this function to integrate external effects into your audio system.

- **Speaker**

Pressing this button toggles the speaker sockets (18)(19) on or off. When the LED (10) above the SPK button (9) is lit and the symbol (37) is not displayed, the speaker sockets (18)(19) are turned on.

- **Phones**

A 6.3mm jack plug of a headphone can be plugged into this socket. The headphone impedance should not be less than 32 ohms. When the LED (6) above the headphone socket is lit and the symbol (36) is not displayed on the display, the headphone socket is turned on.

- **Unity Gain**

The Unity Gain function bypasses the volume control. This only applies to the Unbalanced 4 input. A warning message will be displayed: "No volume control. Maximum Level!" This means the output volume can significantly increase. To proceed, confirm the setting by pressing the rotary knob (12). If you do not want to apply the setting, turn the rotary knob to cancel the action.

- **PRE**

The signal is output after the volume control. This setting is used when the signal should be amplified and adjusted before being passed to another device.

- **REC**

The unaltered signal is routed before the volume control. This is important for tape recordings, for example, because the level is not influenced by the volume control, ensuring a consistent recording volume. When this function is activated, a warning message appears:

"Balanced output is in REC mode. Volume can increase significantly!"

"Balanced output (30) is routed through. The volume can increase significantly!"

Confirm this setting by pressing the rotary knob (12), or cancel by turning the rotary knob.

2.6. More

In the first version, only the Factory Reset is available in More. New functions introduced through updates will appear in this menu.

- **Factory Reset**

After pressing, a message appears:

"All settings will be reset, and the device will shut down."

Pressing the rotary knob (12) will reset the EXCELLENCE to its factory state.

Turning the rotary knob (12) will cancel the process.

- **Lernn remote**

Buttons on a remote control can be programmed to work with the Excellence, allowing you to use your own remote for this device (see Chapter 3.4).

2.7. Info

The EXCELLENCE can be updated using a web interface accessible through your computer's browser. The exact procedure is detailed in chapter 5.2.

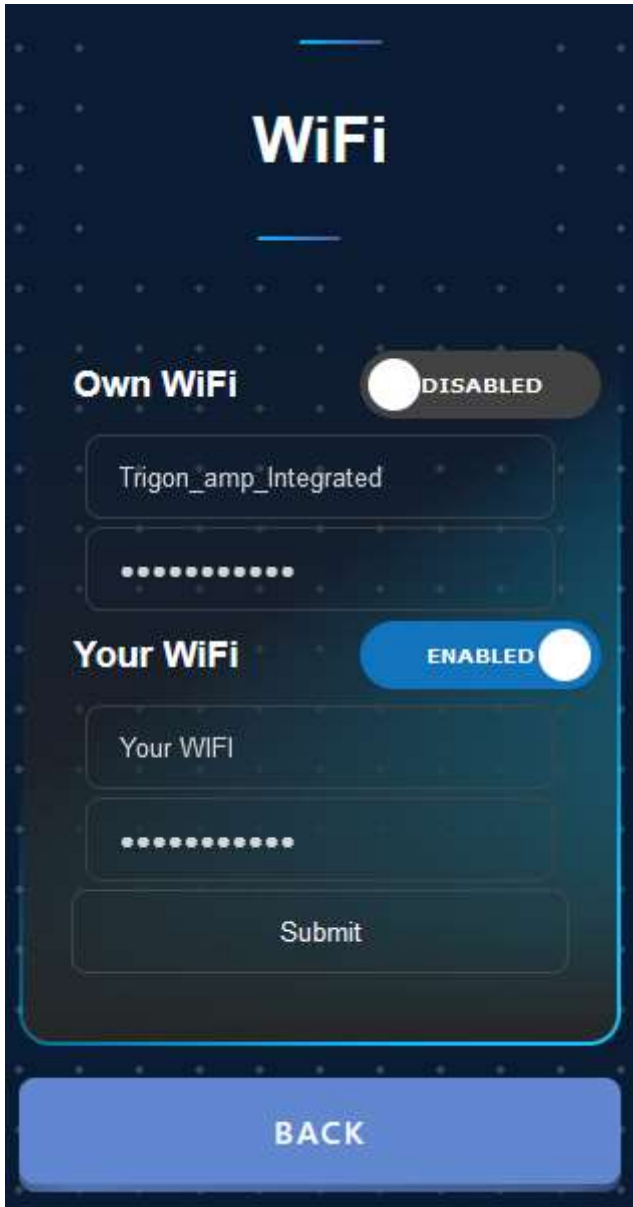


- **Device Name**
Name and type of the device: "EXCELLENCE" is the designation for the product range.
- **Version Number**
You can compare this with the version available on our website to determine if a new version is available for your device:
„www.trigon-audio.de/download“
- **WIFI**
Moving the switch to the right turns on Wi-Fi, enabling updates and settings through your web browser on a PC or mobile device. Upon initial activation, EXCELLENCE creates its own Wi-Fi signal, requiring login. If EXCELLENCE does not find the specified Wi-Fi network or if the password is incorrect, it automatically switches to Device Mode, generating its own Wi-Fi network.
- **Mode**
 - In **Device Mode**, EXCELLENCE creates its own Wi-Fi signal. You can then connect your mobile device or computer directly to EXCELLENCE using the Wi-Fi network it generates. The Wi-Fi name (SSID) and corresponding password (PW) are displayed below.
 - In **Consumer Mode**, EXCELLENCE is connected to your Wi-Fi network. The EXCELLENCE web interface is accessible through a browser. Enter the host address or IP address (see chapter 4.7) in the address bar of your browser.
- **SSID**
 - In **Device Mode**, this is the Wi-Fi name that can be found by your devices (NOTE: Connecting to your device may take longer because there is no internet connection).
 - In **Consumer Mode**, it displays the Wi-Fi network EXCELLENCE is connected to.
- **PW**
 - In **Device Mode**, the Wi-Fi password is displayed to connect to EXCELLENCE.
 - In **Consumer Mode**, the display is empty to protect your Wi-Fi password. This is usually found on or under your router.
- **Host or IP**
If your PC or mobile device is on the same network, enter the host address in your browser to access the EXCELLENCE web interface. Alternatively, you can enter only the IP address.

3. Web Interface

The web interface allows convenient settings and updates to be performed. EXCELLENCE must be powered on during settings and updates.

You must have previously activated and set up Wi-Fi as well (see Chapter 4.7).

The screenshot shows a web interface for configuring Wi-Fi. At the top, the word "WiFi" is displayed in large white letters. Below it, there are two main sections: "Own WiFi" and "Your WiFi". The "Own WiFi" section has a toggle switch labeled "DISABLED" and a text input field containing "Trigon_amp_Integrated". The "Your WiFi" section has a toggle switch labeled "ENABLED", a text input field containing "Your WiFi", and a "Submit" button. At the bottom of the interface is a large blue button labeled "BACK".

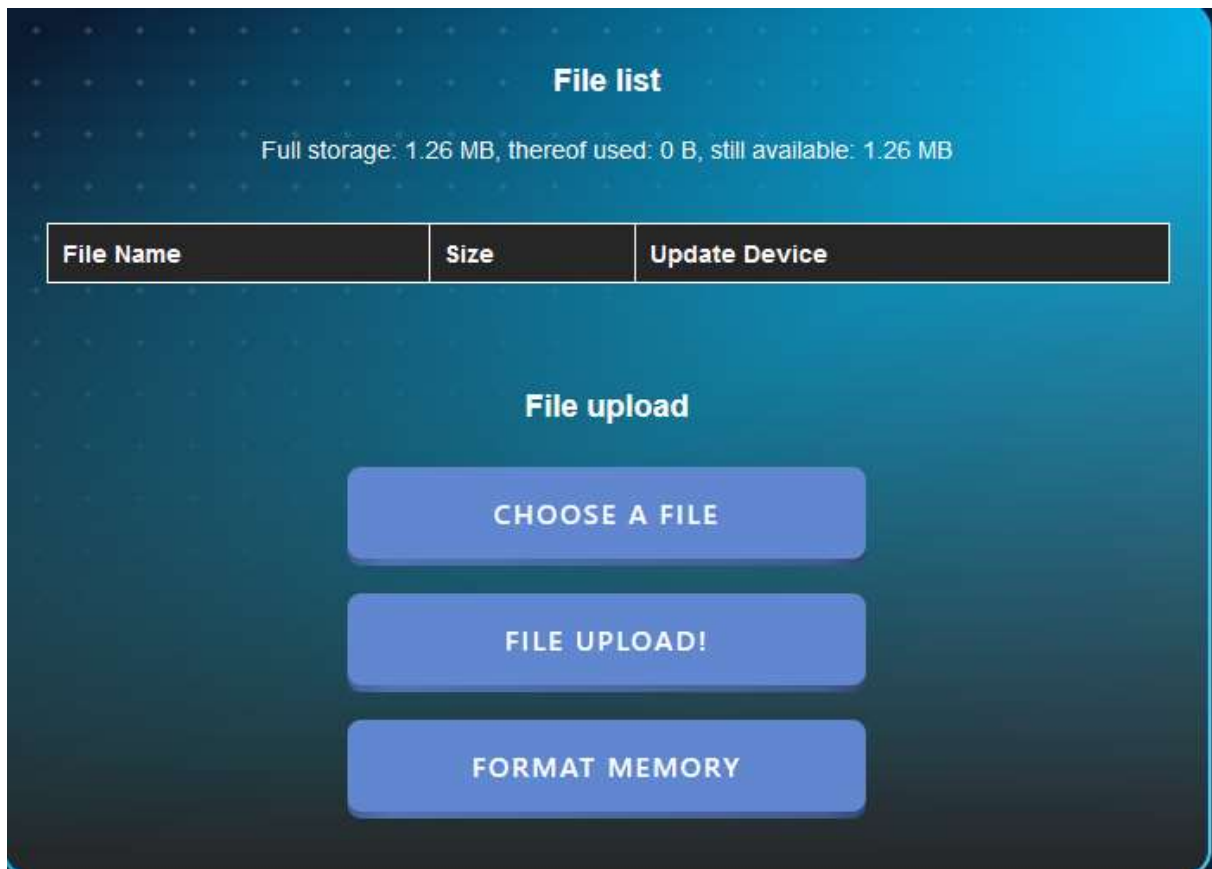
3.1. WIFI Settings

In the upper section, configure the Wi-Fi for EXCELLENCE (Own WiFi) or enter your Wi-Fi details in the lower section (Your WiFi). Ensure the Mode selection is set to your desired mode. If you enter incorrect Wi-Fi credentials, EXCELLENCE automatically switches back to Device Mode (Own WiFi) and creates its own Wi-Fi network. Upon successfully connecting to your Wi-Fi, you can view your SSID (Wi-Fi name) on EXCELLENCE under Menu -> Info.

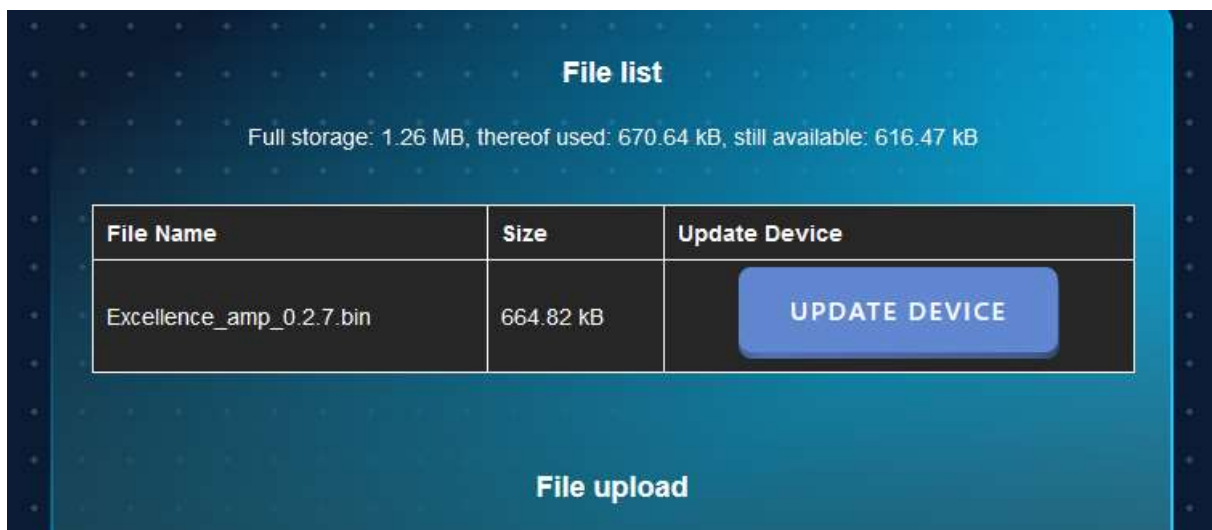
EXCELLENCE supports only 2.4GHz Wi-Fi.

3.2. Device Update

You can find the latest version for the EXCELLENCE integrated amplifier at <https://www.trigon-audio.de/download/>.



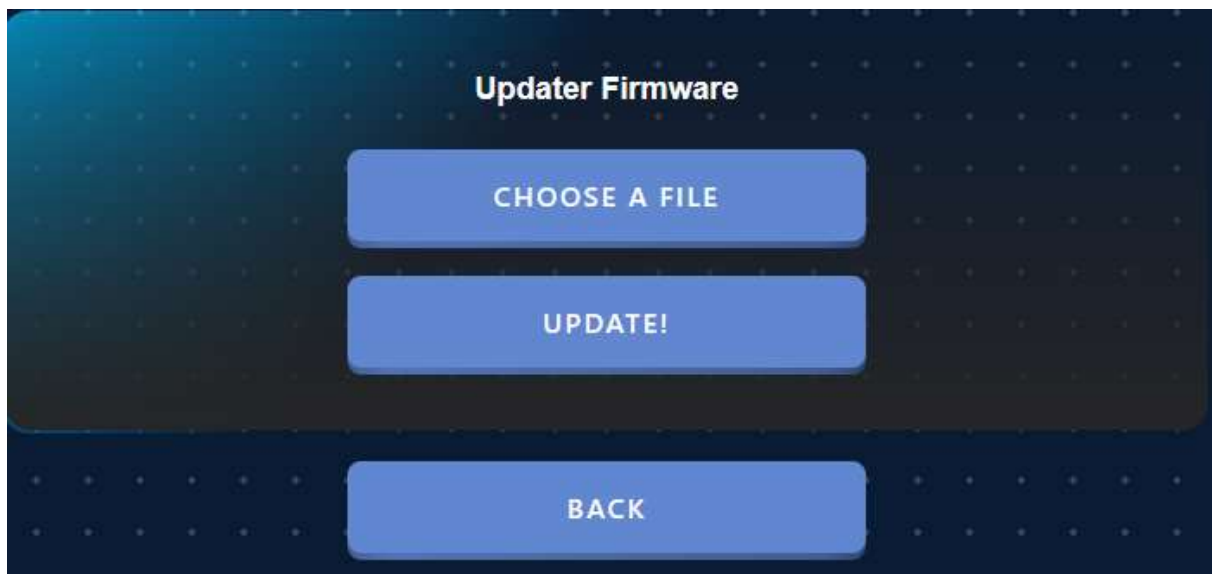
- Click on "Choose a file" to select a new "Excellence_amp_X.X.bin" file, then click "File Upload!" to upload it.
- Once the uploaded file appears in the table, press "Device Update" to update the EXCELLENCE.



This process may take up to 5 minutes, during which EXCELLENCE will automatically power off. After the update, your settings may be lost, and you will need to enable Wi-Fi again under Menu -> Info. However, your Wi-Fi settings will remain intact.

If the memory above the table becomes full, you can press "Format memory" to format the update memory. This process takes 10 minutes. Afterward, turn off EXCELLENCE and also turn off the power switch (17) for 10 seconds. You can then use EXCELLENCE as usual. If you performed this in Device Mode (Chapter 4.7 -> Mode), you will need to reconnect to EXCELLENCE via Wi-Fi.

3.3. Update Updater



The Updater is a separate unit within EXCELLENCE responsible for Wi-Fi and the web interface. It can also be updated.

You can find the latest version for the EXCELLENCE amplifier Updater at <https://www.trigon-audio.de/download/>.

Upload the "Updater_amp_X.X.bin" file and wait for 30 seconds for the file to be in the device memory. Press the "Update Updater" button and wait another 5 minutes for the update to complete. After the update, it is recommended to turn off EXCELLENCE once using the ON/OFF button (1) and then turn it back on. If you performed this in Device Mode (Chapter 4.7 -> Mode), reconnect to EXCELLENCE via Wi-Fi.



3.4. Settings

Under Settings, you can conveniently change input labels and confirm them. If this doesn't work, there may be a communication error. You can resolve this by turning off EXCELLENCE and also turning off the power switch (17) for approximately 10 seconds. After the reset, turn EXCELLENCE back on and try changing the labels again. Alternatively, you can change the labels under Menu -> Display -> Rename (Chapter 4.4).

3.5. Website

Clicking this button will open our website www.trigon-audio.de in your browser. This is possible only if EXCELLENCE is connected to your Wi-Fi network and has internet access.

4. Error

4.1. Device not shut down correctly!

This error message appears when the device wasn't shut down properly. This could happen due to various reasons such as sudden power loss or improper operation. To minimize the risk of data loss or device damage, it's recommended to always shut down the device properly.

4.2. High-frequency interference!

This error message indicates that the device has detected high-frequency interference in the audio signal. High-frequency interference can have various causes. For example, it can be introduced by externally connected devices, or through inductive or capacitive speaker cables causing high-frequency oscillation in the EXCELLENCE amplifier. This is also recognized as high-frequency interference by the protection circuit. Ensure the device is away from other electronic devices with high electromagnetic emissions to prevent interference in the EXCELLENCE. If high-frequency interference is detected, a message will appear on the screen. Press the rotary knob (12) to confirm the message. If the error message persists, contact your dealer for assistance.

4.3. The temperature is too high!

This error message appears when the temperature of the device exceeds a safe operating range. Excessive temperature can result from high ambient temperatures or prolonged operation under heavy load. To protect the device and ensure proper operation, the speakers (18)(19) will be turned off, and the display will show the Speaker Off symbol (31), with the LED above the SPK ON/OFF button turning off. Press the rotary knob (12) to confirm the message. The speakers cannot be turned on while the overheating persists, and the volume will be set to the default level. Once the temperature decreases, the speakers (18)(19) will turn back on, and the Speaker Off symbol (31) will disappear.

4.4. Dangerous direct current! DC-Offset

This error message appears when dangerous direct current is detected in the audio signal. The presence of DC in the signal path can damage the speakers and lead to serious problems. When this message appears, the device will shut down after pressing the rotary knob (12). Then, disconnect the device from the power supply to prevent damage. Check all connected audio devices and cables for possible sources of the issue. Ensure there are no faulty components or connections that could cause DC offset. If you can't identify the cause, contact an authorized professional for a thorough inspection and repair. Only use the device again once the issue is completely resolved to prevent damage to your speakers and amplifier.

4.5. Overload!

This error message appears when the device detects an overload. Overloads can be caused by excessively loud playback levels or connecting speakers with too low an impedance. To protect the device and ensure proper operation, the device will turn off the speakers. Check the connected speakers and signal sources. Ensure the speakers have the recommended impedance and there are no short circuits in the speaker line. If the error message persists, turn off the device and let it cool down before turning it back on. Also, check the wiring and ensure all connections are tight and correct. If the problem continues, contact an authorized professional to diagnose and fix any potential damage or technical issues. Only use the device again once the overload problem is completely resolved to prevent damage to the amplifier. Press the rotary knob (12) to confirm the message.

4.6. DAC communication error!

The EXCELLENCE microcomputer has lost communication with the DAC chip. The Digital 1-4 and USB inputs cannot be used. Contact your dealer for assistance. Confirm the message by pressing the Input rotary knob (12).

5. What to do when...

In this chapter you will find some useful tips on troubleshooting basic problems.

5.1. ... nothing happens?

- Is the unit plugged in correctly?
 - Make sure that the AC mains cable is properly seated and plugged in.
- Is the power outlet active or may a circuit breaker be tripped?
 - Verify the circuit breaker(s).
- Is the main AC rocker switch on the rear panel in the ON position?
 - Turn on the main AC rocker switch.
- Is the internal fuse burned out?
 - Replace the fuse with a new one of the same type. If all else fails, send the unit for servicing.

5.2. ... there's power but no sound?

- Is the proper input selected?
 - Select active input.
- Is there a signal present from the source?
 - Check if the source device is sending an audio signal.
- Has there been an electrostatic discharge to the unit?
 - It can happen, especially during winter when the ambient air is very dry, that fabrics (clothing, carpets) build up a static electrical charge which may be discharged to the amplifier chassis by simply touching the unit. This kind of static discharge can cause the microprocessor controlling the Monolog amplifier to “crash”, similar to a computer “crashing”. This may cause the Monolog's logic circuits to deactivate the output relays or to simply stop responding. Switch off the power to the Monolog from the power switch located on the unit's front panel for 30 to 60 seconds. Generally the amplifier will resume functioning normally once power is restored.

5.3. ... it hums?

- Are the signal cables securely connected?
 - Check the input cables
- In some cases the electrical grounding of multiple components can cause so-called ground-loops that induce humming. Troubleshooting these may require some experience. Please contact your dealer for assistance.
- Hum is present only when a tuner (radio or TV), a VCR, DVD recorder or a video display is connected to the preamplifier.
 - These types of components are usually hooked up to an antenna or cable feed, which may in turn be grounded separately.
This can also cause a ground loop. In this case a so-called ground breaker may solve the problem. They are usually inexpensive and can be readily purchased from well stocked HiFi, radio or television specialty stores.

5.4. unrealistic tests are carried out?

The EXCELLENCE integrated amplifier has been designed to operate under normal real-world audio preamplifier conditions. This is the only way it will be able to reproduce high-quality audio signals. Unrealistic tests, such as listening to an unused input with the volume turned up to full volume, only result in a meaningless noise and interference signal, which is normal under such conditions. Pressing the control buttons on the EXCELLENCE or the remote control in quick succession also has no realistic meaning or purpose and only produces malfunctions without having any benefit or symbolizing a quality feature. To ensure you enjoy your audio system for a long time, it should be operated as intended.

6. Technical data

Inputs	2x Bal., 4x SPDIF (2x Coax., 2x Opt.), 1x USB, 2x Unbal.
Input resistance	47 k Ω
Input sensitivity	Analog 0,7V eff.
Output Power	2x 200 / 330 W an 8/4 Ω
Damping factor	>100 (related to 8 Ω 1kHz)
Harmonic distortion (THD + N)	< 0.02%
Output	1x Speaker, 1x Phones, Balanced Preamp Output
Bandwidth	<5 Hz to >80kHz (-3dB)
Signal-to-noise ratio	-92 dBA related to 1 Watt an 4 Ω
Standby power	< 1 Watt
Weight	26,1 kg
Dimensions	440 x 179 x 425 mm (BxHxT)

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