

LOG

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User Manual
MONOLOG square



Digitally optimized, active high-end mono audio system

Congratulations on the purchase of LOG Audio's high-quality MONOLOG square high-end mono audio system, which was manufactured under strict quality and environmental standards.

To get the most out of all features, please read this manual carefully. We advise you to keep this manual for future reference.

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Delivered items

- 1 x MONOLOG square
- 1 x Stainless steel front
- 1 x Remote control
- 1 x Power cable



Installation

The MONOLOG square only needs a power connection for operation. Simply plug the supplied power cable into the speaker and connect the other end to the power outlet. The integrated components start automatically and are ready for use after approx. 30 seconds. The different audio sources are automatically recognized or played simultaneously. Switching the inputs is therefore not necessary. The stainless steel front cover can be easily attached or removed with the magnetic fixation.

Integrate MONOLOG square into your home network

The easiest way to integrate the MONOLOG square into your home network is to use a Ethernet connection with your network. Use the Ethernet connection on the back of the device. Your MONOLOG square will appear as a DLNA and AirPlay® speaker in your network after a few seconds.

If you want to connect the MONOLOG wirelessly to your own network, you can do this with the “AirLino®“-App:

1. Install the [AirLino®-App](#) which can be downloaded on the Apple App Store or Google Play Store
2. Activate WiFi on your device
3. Search for the WiFi-network “[MONOLOG](#)” and connect to it
Note: If your MONOLOG square is already integrated in your home network, you must connect to your home network.
4. Open the AirLino®-App. The setup wizard will start automatically
5. You can choose a custom name for your MONOLOG so recognize the device easier in the future
6. Choose your home network name and enter the correct password of the network

The AirLino®-App will now try to connect your MONOLOG to the home network

Note: If the device is not ready after 60 seconds there might occurred an error. Please check if you entered the correct network password and try the setup again. In some cases it is useful to unplug your MONOLOG and try all steps again after at least 10 seconds.

7. If the setup was successfully, your MONOLOG is visible in the network. You can now see your MONOLOG in your audio streaming device.
8. Enjoy the music through your MONOLOG square

Note: Please make sure that the WiFi connection and the signal are stable and strong enough to manage high quality audio signals in your home network. Low quality WiFi routers might cause problems. Please contact a wireless network specialist if problems occur.

Streaming - wireless music playback

With MONOLOG square you can stream music from a variety of sources wirelessly. For this you need a wireless connection from your audio source (smartphone, tablet, etc.) to the MONOLOG square. The built-in Bluetooth; AirPlay® and DLNA audio-receiving components start automatically and are ready after a short while. Then connect to your smartphone, laptop, iPod touch, or similar device as follows:

Establish Bluetooth connection

1. Activate Bluetooth in the settings of your audio source (e.g. smartphone, tablet)
2. Search for "MONOLOG square"
3. Connect with "MONOLOG square" like any other Bluetooth device
4. Make sure (in the settings of your audio source) that the audio signal is played via your Bluetooth connection
5. Enjoy the music through your MONOLOG square



Note: When Bluetooth is activated once again, the device will automatically connect to the MONOLOG square as soon as the sound system is within range.

Note: Not every device supports Bluetooth apt-X. Therefore, the sound quality might differ.

Establish Apple AirPlay® connection

If your audio source supports Apple AirPlay® (for example, iPhone, iPad, iPod), you can stream your music to MONOLOG square via AirPlay®.



1. Activate WiFi on your audio source
2. Search for the WiFi-network "MONOLOG square" and connect to it. The default password for the initial connection is "logaudio".
Note: If your MONOLOG square is already integrated in your home network (see "Integrate MONOLOG square into your home network"), you must connect to your home network.
3. Now select "MONOLOG square" on the list of all available AirPlay® devices on your audio source
Note: Make sure that the audio signal is played from your AirPlay® "MONOLOG square" device.
4. Enjoy the music through your MONOLOG square

Establish DLNA connection

If your audio source supports DLNA, you can stream your music to your MONOLOG square via DLNA like to every other DLNA speaker.

1. Activate WiFi on your audio source
2. Search for the WiFi-network "MONOLOG" and connect to it.
Note: If your MONOLOG square is already integrated in your home network (see "Integrate MONOLOG square into your home network"), you must connect to your home network.
3. Please select on your audio source "MONOLOG" as target device in your streaming application.
Note: You can use e.g. *BubbleUPnP*®-App which can be downloaded on the Apple App Store or Google Play Store for smartphone or tablets.
4. Enjoy the music through your MONOLOG square

Volume adjustment with remote control

The volume of the MONOLOG square can be adjusted with the supplied infrared remote control.

Adjust the volume

If you want to change the volume, press the “*Vol. up +*” or “*Vol. down -*” key. If you hold down one of these buttons, the volume changes continuously.

Note: Be sure to point the remote at the MONOLOG square as soon as you press a key.

Mute

If you press the “*Mute*” button you can mute the MONOLOG square or deactivate the mute function.

Note: Be sure to point the remote at the MONOLOG square as soon as you press a key.

Pairing the remote control

At factory settings, the remote control is not paired with the MONOLOG square. If you have several remote controls of the same type, pairing is useful to avoid conflicts.

1. Use a pen or a straightened paper clip to press the pairing button on the back of the MONOLOG square
2. The device is now in pairing mode for *30 seconds*
3. Now press any key on the desired remote control (e.g. the “*Mute*”-key)
4. The device is now paired with this remote control and accepts only commands from this remote control

Note: If the MONOLOG square does not receive any command from a remote control during the 30 seconds it is in pairing mode, the pairing is canceled and the MONOLOG square accepts commands from any remote control of the same type.

Vol. up +
Mute
Vol. down -



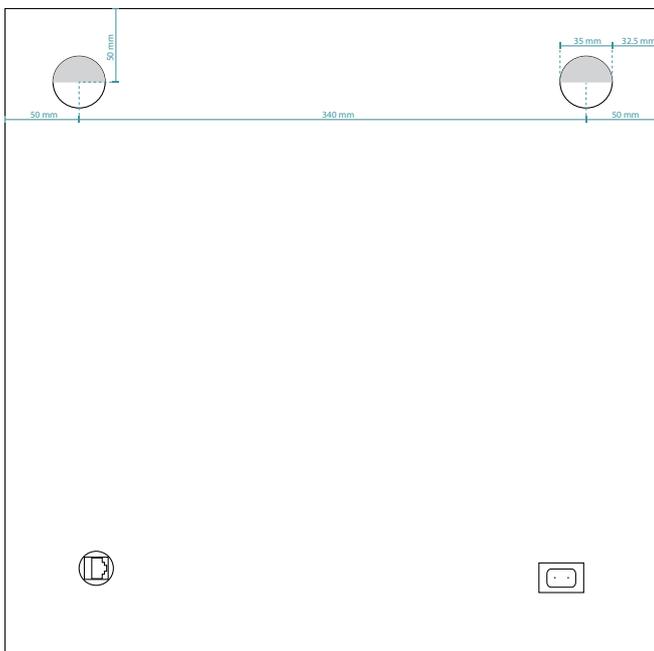
Wake-up function

In case of inactivity, the MONOLOG square automatically activates the standby mode after a while to avoid unnecessary power consumption. The automatic wake-up functionality automatically reactivates the MONOLOG square when there is an incoming audio signal via Bluetooth, AirPlay® or DLNA. Accordingly, the loudspeakers can remain permanently connected to the power connection without affecting the energy consumption or the lifetime of the product.

Wall mounting

The MONOLOG square is also suitable for on-wall mounting. Before mounting, make sure the wall on which the MONOLOG is to be mounted is strong enough to support the unit. In case of doubt, please contact a specialist. To attach the MONOLOG square to the wall it is necessary to mount two suitable brackets (screws or similar) at a distance of 34 cm from the wall. First connect your MONOLOG square to the power before you hang it on the wall, as this is more difficult to do afterwards.

Rear of the MONOLOG square



Sound optimization

The mono concept of the MONOLOG square is optimized for uniform room acoustics. This means that the entire sound is reproduced at every position in the room. This avoids the undesirable side effects of a stereo system, where more information can be heard from the left channel at one position in the room than from the right (and vice versa).

In order to achieve an optimal sound experience, it is advisable to observe the following points:

- Place your MONOLOG square on the wall or near a wall. Avoid placing the device in the middle of the room, as certain frequencies are not sufficiently reproduced by the missing wall surface.
- Your MONOLOG square offers a unique, lossless music reproduction. It is therefore advisable to play high-resolution music files or uncompressed formats (such as WAV or Apple Lossless).
- Make sure your room has adequate acoustic damping. Too much reverb negatively affects the music signal. Curtains, upholstered furniture or carpets can support good room acoustics and contribute to a pleasant damping.
- If possible, use the digital audio input of the MONOLOG square when connecting a third party device. The digital input provides a better sound quality than analog inputs.

Note: There are no rules that apply to all environments. Nevertheless, it is advisable to consider the above points.

Safety instructions

Please observe the safety instructions when using the MONOLOG square, otherwise warranty claims may expire.



- Do not expose to rain or moisture. There is a risk of fire and the risk of damage.
- Do not use near liquids (bathtub, etc.).
- Do not place burning objects (candles, etc.) next to or on the speaker.
- Do not place near heat sources.
- Use only with original manufacturer accessories.
- Do not connect the speaker during thunderstorms.

Hearing damage

The MONOLOG square can reach a sound pressure level higher than 90dB (SPL), which could cause hearing loss. To avoid hearing damage, you should therefore only use the MONOLOG square system for a short time at high volume. As a precaution, set an appropriate volume. The higher the volume, the faster it can cause hearing damage.

Repair

The MONOLOG square must not be unscrewed or disassembled. Unauthorized opening of the housing is a risk of electrical shock. All necessary repairs are to be carried out exclusively by a service partner or manufacturer, otherwise the guarantee and warranty claim expires.



Maintenance

The MONOLOG square is maintenance-free. Clean the surface only with a soft dry to slightly moist cloth or a feather duster. Do not use scouring powder, alcohol, gasoline, polish, wax or other similar liquids. Do not set up the MONOLOG square in a humid environment. Frequent temperature changes, humidity and excessive sunlight will damage the speaker and may alter its appearance. If the speaker is destroyed by improper use, contact the manufacturer and find out about repair options. The speaker membrane should not be touched.

Warranty

The warranty for this product complies with the legal requirements at the time of purchase. In addition, LOG Audio offers a warranty of 3 years from the date of purchase. Changes to the device will void the warranty and the manufacturer's warranty.

Disposal

Never dispose of the MONOLOG square with normal household waste. It is strongly recommended to take the product to an official waste collection point. Be aware of local regulations for separate collection of electrical and electronic equipment and follow it diligently. Proper disposal of old products helps to prevent negative environmental and health effects.



Troubleshooting

Problem	Possible cause	Solution
No sound	Mute-mode is active	Press the "Mute" or "Volume up +" button on the included remote control to deactivate the mute mode.
	No connection	There may be no connection via Bluetooth or WiFi. Check if the audio source is near the audio system. If necessary, reduce the distance between the audio source and the audio system.
	No input signal	Check that you are actually connected to "MONOLOG" via Bluetooth, AirPlay® or DLNA. If necessary, disconnect and reconnect.
	No power supply	Make sure the power plug is well connected in both the speaker and the power outlet.
	Audiosource is on mute	Make sure that you have not turned down the volume at the audio source. Slowly increase the volume.
Signal too quiet	Input signal is too quiet	Increase the volume at the audio source.
	Volume has been set too low with remote control	Increase the volume by pressing the "Volume up +" button on your remote control.
Signal too loud	Input signal is too loud	Decrease the volume at the audio source.
	Volume has been set too high with remote control	Decrease the volume by pressing the "Volume down -" button on your remote control.
Simultaneous playback of multiple audio signals	Unintentional playback of multiple signals	Stop playing unwanted source (Bluetooth, AirPlay® or DLNA).
Recurring short failures of audio playback	Bad connection to audio source via Bluetooth	Make sure that the audio source is close to the MONOLOG square and that there are no other interfering signals. Otherwise, reduce the distance between the audio source and the speaker, or restart your MONOLOG square and your Bluetooth source.
	Bad WiFi connection between audio source and MONOLOG square	Reduce the distance from your audio source to your MONOLOG square. Make sure that there are no other interference signals. Otherwise restart your MONOLOG square and your AirPlay® or DLNA source. Contact a wireless network specialist if the problem persists.
	Bad WiFi connection between MONOLOG square and home network	In many cases, the home network is not strong enough to incorporate audio devices (like the MONOLOG square in this case). Reduce the distance between MONOLOG square and your wireless router. If possible, connect the MONOLOG square and the router via LAN cable. Also a restart of the devices can solve the problem. Contact a wireless network specialist if the problem persists.
	Bad WiFi connection between audio source and home network	Reduce the distance between the audio source and your wireless router.

Note:

Wireless connections - whether Bluetooth or WiFi - are inherently more susceptible to interference than cable connections. It is therefore possible that disruptive factors (other WiFi networks, structural shielding, concrete walls, etc.) in your environment have a negative effect on the connection quality and lead to failures in the music playback - regardless of your MONOLOG square. In such a case, please contact a WiFi or network specialist.