

**BEQ** 50M / 60M  
5.25" / 6.5" active studio monitors

**USER MANUAL**  
ENGLISH  
V2.0



## BEQ 50M / 60M

5.25" / 6.5" active studio monitors



### Important Information

#### DOS AND DON'TS

Please read these instructions carefully.

Keep all information and instructions in a safe place.

Follow the instructions.

Observe all safety warnings. Do not remove safety warnings or other information from the equipment.

Use the equipment only in the intended manner and for the intended purpose.

Make sure the equipment is installed securely and cannot fall down.

During installation, observe any applicable safety regulations for your country.

Never install and operate this equipment near radiators or other sources of heat.

Do not expose this equipment to flammable materials or sources of ignition.

Avoid direct sunlight.

Do not use this equipment near water.

Be certain dripping or splashing water cannot enter the equipment.

Do not place containers with liquids on the equipment.

Use this equipment only with the accessories recommended and intended by the manufacturer.

Do not open or modify this equipment. No user serviceable parts are inside.

After connecting the equipment, check all cables and connections to prevent damage or tripping hazards.

If your equipment is no longer working correctly, if fluids or objects have entered the equipment or it has been damaged in another way, unplug the unit immediately.

This equipment can only be repaired by authorised, qualified personnel.

#### CARING FOR YOUR EQUIPMENT

Clean the equipment with a clean dry cloth.

Comply with all applicable disposal laws in your country.

Recycle your packaging where possible.

Keep plastic bags and choking hazards out of reach of children.

#### IMPORTANT WARNINGS

This unit contains a sealed Lead Acid Battery, to ensure a long life and maintain the safety of your equipment. If used improperly, batteries may leak or explode causing damage or injury. In the interests of safety :

- Replace only with same or equivalent type.
- Observe correct polarity when replacing batteries.
- Avoid using new batteries with used ones.
- Avoid mixing different types or models of battery.
- To avoid short circuit, never keep batteries together with metallic objects such as pens, hairpins or tools.
- Batteries must not be exposed to excessive heat, such as sunshine or sources of heat.
- Used batteries must be disposed of in compliance with the disposal regulations specified in the region you live.



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### Table of contents

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<b>2</b>	<b>INTRODUCTION</b>
<b>2</b>	<b>SUMMARY OF FEATURES</b>
<b>3</b>	<b>WHAT'S IN THE BOX</b>
<b>3</b>	<b>PRODUCT REGISTRATION</b>
<b>3</b>	<b>MAINS CONNECTION</b>
<b>4</b>	<b>AUDIO CONNECTIONS</b>
	4.1 RCA Unbalanced Cables
	4.2 TS JACK 1/4" Balanced Cables
	4.3 XLR Balanced Cables
<b>5-6</b>	<b>REAR PANEL &amp; VOLTAGE OPTIONAL</b>
<b>7</b>	<b>GOOD LISTENING SETTINGS</b>
<b>7</b>	<b>SOLVING ANY PROBLEMS</b>
<b>8</b>	<b>SPECIFICATIONS</b>

# Introduction

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Thank you for purchasing ROQ BeQ Studio Monitor. We produce products expertly designed for you, so you can explore and develop your own sounds.

The new ROQ BeQ Studio Monitor is an optimal solution for both home recording and the Studio. The technological implementation makes these Monitors ideal for high-level listening thanks to the linear frequency response and the possibility of adjustment for high and low frequencies. The wide choice of inputs positioned on the rear panel (XLR, 1/4" TS, RCA) guarantees ease of use. The modern and refined design and the satin black or white finish make this studio monitor elegant and suitable for many environments.

This User Manual provides a detailed explanation of the BeQ Studio Monitor to help you achieve a comprehensive understanding of the product's features and operation. We recommend that both experienced users and those who are new to public address systems take the time to read the User Manual, so you can explore all the possibilities the BeQ has to offer.

ROQ Audio is committed to product improvement, and we value your feedback and suggestions. We believe the best way to achieve our mission is to listen to our valued customers.

Your support through the purchase of this product is highly appreciated, and we are confident you will find your BeQ Studio Monitor will meet your requirements.

Read on, and grow your sound.

## Summary of features

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- ▶ BeQ5.25" / 6.5" active studio monitors
- ▶ RMS output power of 50W (BeQ50M) or 60W (BeQ60M) for the Woofer
- ▶ RMS output power of 30W for the Tweeter
- ▶ 50Hz/45Hz (BeQ50M/BeQ60M) -22KHz Frequency response at -10dB
- ▶ 5.25" Woofer for the BeQ50M and 6.5" Woofer for the BeQ60M
- ▶ 1.0" Tweeter Silk Dome
- ▶ Attenuation of High Frequencies (-2 / -1 / 0 / + 1dB above 2KHz)
- ▶ Attenuation of Low Frequencies (-2 / -1 / 0 / + 2dB below 100Hz)
- ▶ Balanced 1/4" TS / XLR and unbalanced RCA inputs
- ▶ Satin finish in black or white depending on the purchased model
- ▶ Rugged MDF Case



## What's in the box

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1 x BeQ Active Studio Monitors (50M / 60M)  
1 x Power Cable  
This User manual

## Product registration

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To ensure you are up to date with drivers, updates or technical suggestions, we recommend you register your BeQ 50M/60M Studio Monitor with ROQ Audio. If you register, and you choose to opt-in we will also keep you up to date with new offers and preview product launches. This does not affect your statutory warranty or rights within your country of purchase.

Register online at [www.roqaudio.com](http://www.roqaudio.com) and follow the register my product link, or email full details to [support@roqaudio.com](mailto:support@roqaudio.com)

**Model :**

BeQ 50M/60M Studio Monitors

**Serial Number :**

**Purchase Date :**

**Purchased From :**

## Mains connection

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Connect the device to mains with the supplied power cable. The wire correspondence is as follow:

CABLE	PIN	INTERNATIONAL
Brown	Live	L
Blue	Neutral	N
Yellow/Green	Earth	⏚



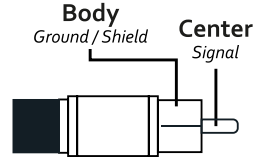
**WARNING: Earth wire must always be connected! Pay attention to safety!**  
Before taking into operation for the first time, the installation has to be approved by an expert.

# Audio connections

On the rear panel of the monitor there are various types of audio connections which guarantee ease of use. See the following pictures that show the internal wiring of these cables. Be sure to use only high quality cables.

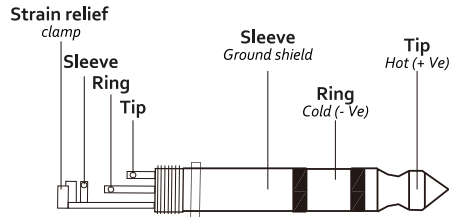
## 1 RCA Bnbalanced Cables

Use RCA cables to connect unbalanced sources with RCA output connectors to RCA IN input of the monitor (CD Player, MP3 Player, Etc.).



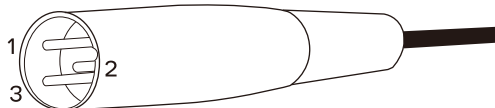
## 2 TS JACK 1/4" Balanced Cables

The Combo input in the rear panel accepts the balanced 1/4" (6.3mm) TS jack. Balanced use of 1/4" jack TS connector



## 3 XLR Balanced Cables

The Combo Input in the rear panel accepts also balanced XLR connectors. The pin-out is as follows:

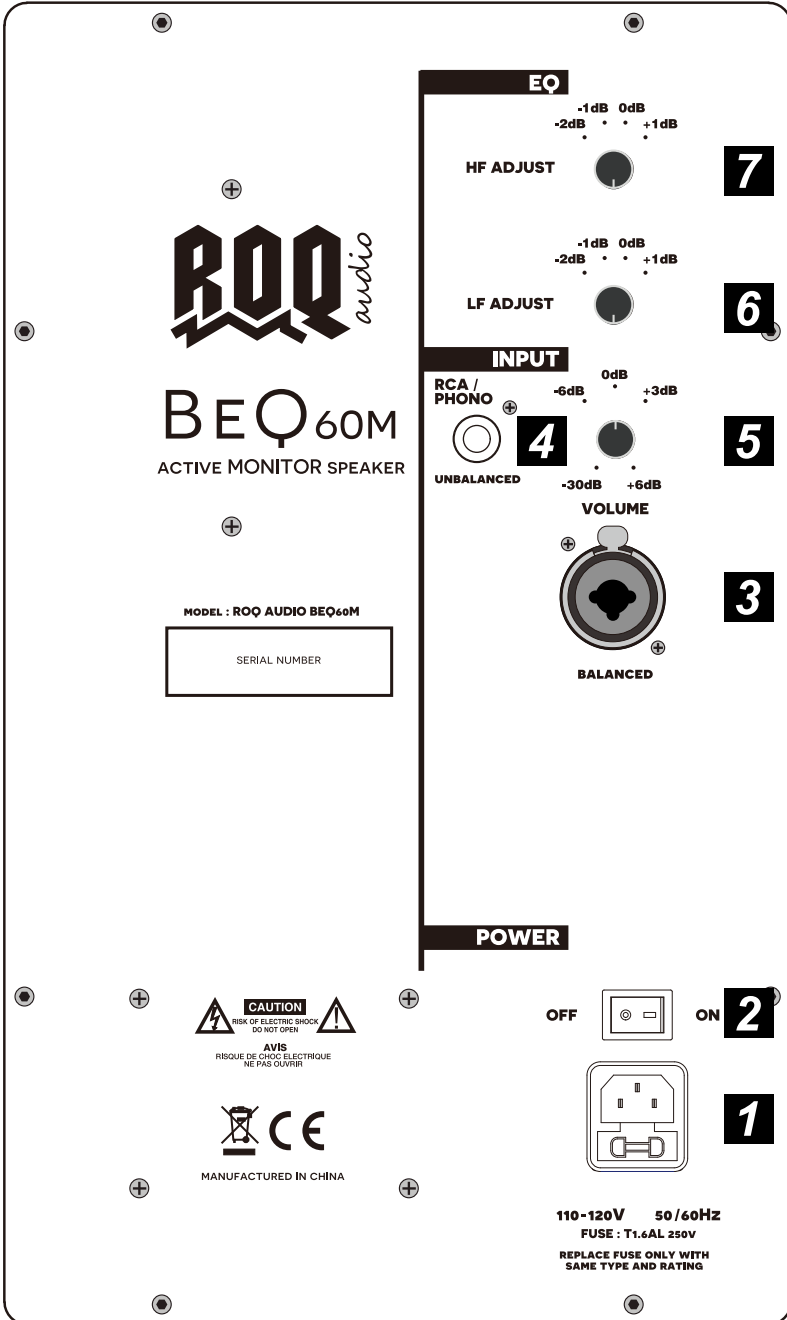


**1** Ground/Shield

**2** Hot(+)

**3** Cold (-)

# Rear panel



## Rear panel controls and connections

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### **1** EC Socket with Fuse holder

Plug the power cord into an AC socket properly configured for your particular model. In case of fuse burn, to prevent the risk of fire and damaging the unit, please use only of the recommended fuse type as indicated in the rear panel silkscreening. Before replacing the fuse, make sure the unit turned off and disconnected from the AC outlet.

#### Voltage optional

**110-120V 50/60Hz**

**FUSE : T1.6AL 250V**

**REPLACE FUSE ONLY WITH  
SAME TYPE AND RATING**

**110V - 120V**

**220-240V 50/60Hz**

**FUSE : T800MAL 250V**

**REPLACE FUSE ONLY WITH  
SAME TYPE AND RATING**

**220V - 240V**

### **2** POWER Switch

Press power switch to ON position to turn the system on, and to OFF position to turn it off. When the switch is in the ON position, it lights up.

### **3** COMBO AUDIO INPUT

Socket for XLR connector and 1/4" (6.3mm) TS jack balanced for receiving audio signals.

### **4** RCA UNBALANCED INPUT

### **5** VOLUME KNOB

This knob is used to adjust the output audio signal level of the Monitor.

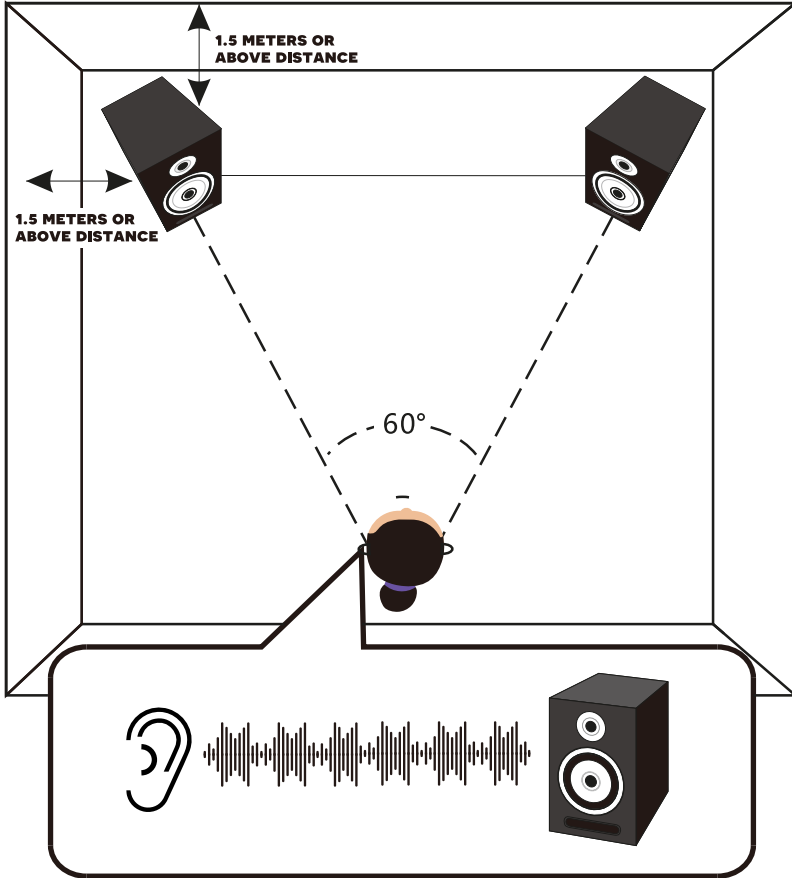
### **6** Low frequency adjustment knob

This knob can be used to adjust the low frequency response of the speaker. Setting the knob at 0, produces a flat frequency response. Setting the knob at +2dB/-1dB/-2dB, frequency bands below 100Hz can be attenuated separately.

### **7** HIGH frequency adjustment knob

This knob can be used to adjust the high frequency response of the speaker. Setting the knob at 0, produces a flat frequency response. Setting the switch at +1dB/-1dB/-2dB, frequency bands above 2KHz can be attenuated separately.

## Good listening settings



## Solving any problems

### Warranty

Your ROQ BeQ50M/60M Studio Monitor is covered by the ROQ Audio manufacturers warranty against manufacturing defects. Full terms and conditions of our warranty can be found on our website [www.roqaudio.com](http://www.roqaudio.com)

### Service

In the rare event of your ROQ BeQ50M/60M Studio Monitor needing service or repair, please ensure you make a note of your serial number and contact your local authorised repair centre or distributor within your country for further details on obtaining support for your service or repair.

Details of local distribution contacts can be found on our website [www.roqaudio.com](http://www.roqaudio.com) or by contacting us at [support@roqaudio.com](mailto:support@roqaudio.com)

## Specifications

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SPEAKER	BeQ50M	BeQ60M
Speaker Type	Biamp two ways active speaker	
Mains Power	220-240V~/50-60Hz	
Fuse	T5AL250V	
Frequency response (-10dB)	50Hz- 22KHz	45Hz- 22KHz
Woofer	5,25" Paper Cone	6,5" Paper Cone
Tweeter	1,0" Silk Dome	
Crossover	2. 5KHz	2. 5KHz
Woofer Output Power	50W RMS	60W RMS
Tweeter Output Power	30W RMS	
SPL (1m axial direction)	108dB	111dB
Audio Input Connections	Balanced type 1/4"/ XLR interface, unbalanced RCA	
High Frequency Adjustment	-2/-1/0/+1dB above 2KHz	
Low Frequency Adjustment	-2/-1/0/+2dB below 100Hz	
Cabinet Material	MDF	
Dimensions (WxDxH)	175 x 220 x 285 mm	224 x 253 x 350 mm
Weight	5,6Kg	7,4Kg
Packing Dimensions (WxDxH)	230 x 275 x 365 mm	265 x 325 x 410 mm
Packing Weight	6,5Kg	8,6Kg



**ROQ Audio**

[www.roqaudio.com](http://www.roqaudio.com)  
[support@roqaudio.com](mailto:support@roqaudio.com)

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