

REVOX

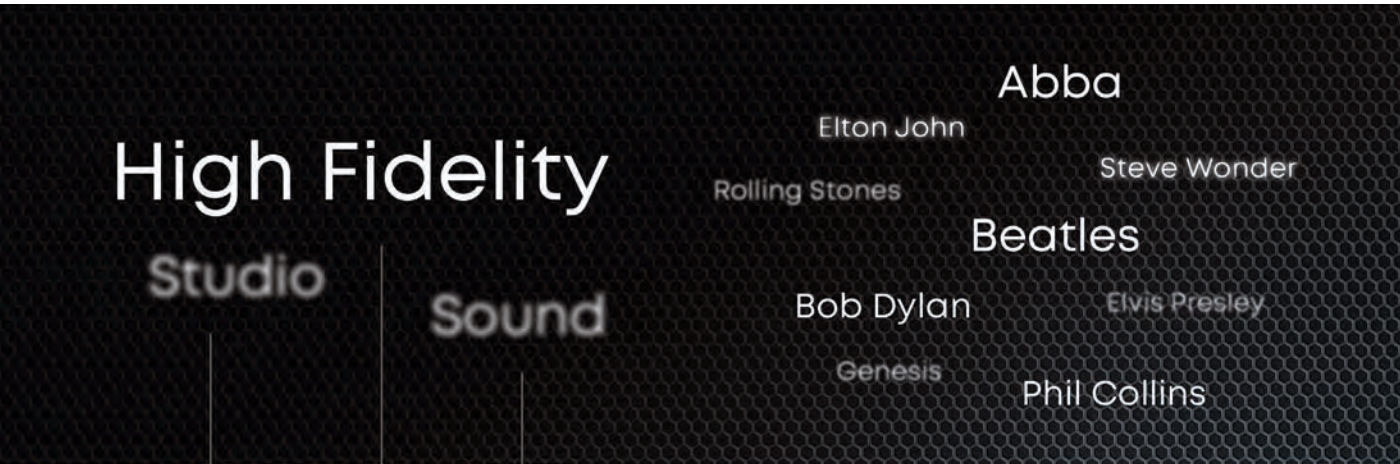


STUДИОMASTER

The unique audio system

Studio Sound Quality

REVOX STUDIO SOUND QUALITY



“High fidelity ... true-to-original sound reproduction, as it was originally recorded in the studio.”

HiFi Forum

Revox has set global standards for studio recordings of the most well-known artistes in all music genres for decades. From A for Abba and B for The Beatles to Z for Zappa: Revox has always maintained close ties to music industry. True studio sound quality is what we aspire to – as immediate, powerful and vibrant as the original studio recording. No more and no less.



Abbey Road Studios, London – recording studio of the stars.

HIGHEST QUALITY AND SUSTAINABILITY

Revox has built high-end audio products in outstanding quality and exquisite design for over 70 years. Guaranteed by premium materials and in-house quality control. True studio sound quality and revolutionary technologies set the bar high.

Sustainability plays a crucial role at Revox. Products evolve consistently to remain compatible with current developments, whenever and however they emerge. To this day, for instance, a B77 tape recorder from the 1970s can still be integrated into the latest Revox Multiuser system and even controlled using the Revox app.

In the spirit of genuine craftsmanship, we develop and manufacture our products in Switzerland and at our own KLANGWERK in Germany.



Revox B77 tape recorder – a real audio milestone.

In-house development – including the electronics and software – create a vital competitive edge. This same approach flows into the philosophy of our new **STUDIOMASTER** products.



STUDIOMASTER

THE UNIQUE AUDIO SYSTEM

The two high-end audio systems **STUDIOMASTER M500** and **STUDIOMASTER M300** are equipped with powerful, built-in amplifiers, a DAB+, FM tuner and an OLED glass front display. They also come with multiple connection options and accommodate a wide range of audio sources. Playback options include Wi-Fi, LAN, Bluetooth and AirPlay 2. They are also able to stream iRadio, Spotify, Tidal, Deezer and qobuz. HDMI and other ports connect with TVs, tape recorders, headphones and CD players. The unique Revox Multiuser concept enables individual listening options for several users in one room. The Multiroom solution builds on the modular approach to deliver the same versatility across different rooms.

“Our declared objective when developing the **STUDIOMASTER** products was to engineer a unique audio system that fulfills the following criteria:

Jürgen Lindemann, Head of Development at Revox

Individual music

Excellent sound

Easy operation

Exclusive design



designed,
developed and
made in Germany

INDIVIDUAL MUSIC

The Revox Multiuser concept brings an entirely individual and personal music experience to each user with the **STUDIOMASTER** system. They each have immediate access to their favourites on their own home page of the Multiuser app and via the display.

Users can define their own preferences, which are accessed with simple and direct controls. Either in one room or several. Wired or wireless. The infinite variety of music and audio signals can be streamed in impeccable quality or used by different players.



Views of the new Revox Multiuser App.

An audio system that allows each user to rightfully claim:

This is my personal STUDIOMASTER system – unique and infinitely variable.





Numerous audio sources and Multiroom-ready

- Tuners: DAB+, FM tuner
- Streaming sources: iRadio, Podcast, Spotify, TIDAL, Deezer, qobuz, music server (personal music library)
- AirPlay 2
- Bluetooth
- Wi-Fi and LAN capability
- Wi-Fi/LAN Multiroom combinations are possible (e.g. 8 rooms with Wi-Fi, another 30 rooms with LAN)

Each **STUDIOMASTER** M500 and M300 comes with four user licenses. Several **STUDIOMASTERS** can be combined for use in different rooms.

Versatile connection options

- HDMI ARC to connect TV sets and other players
- Multi Connect for players and extensions
- Bluetooth input/output (e.g. for headphones)
- Speakers (integrated DSP setting selectable for Revox speakers)
- See the connection diagram for additional options



STUDIOMASTER M500 and M300 are combinable with Revox and Revox Classic products.

EXCELLENT SOUND

“The name Revox itself defines the challenge: to reproduce the human voice and music with all their facets and in any way.”

Willi Studer, Revox founder

The name itself sets the standards for unparalleled sound quality: Revox – freely translated means “the reproduced voice”.

By developing the **STUDIOMASTER M500** and **M300**, we have succeeded in achieving truly outstanding sound quality.

Noise measurements beautifully illustrated this fact. The diagrams shows the ratio of the analogue useful signal (at 1 kHz) to the noise signal. The system is extremely low-noise and shows no perceptible harmonic distortion or ripple voltage effects.

Highest audio quality – high fidelity

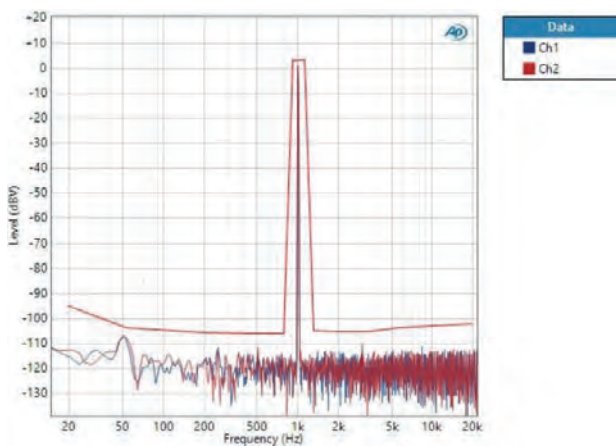
Power:

M500 2x max. 180W RMS

M300 2x max. 120W RMS

Special features:

- Uncompressed audio formats
- Delay-optimised/delay-free playback
- HD audio quality in one room (local) - High-res audio (192 kHz at 24bit) and also in Multi-room use - CD quality (48 kHz at 16bit)
- Integrated DSP presets selectable for Revox speakers



Measurement:	Analog1 In → Pre Out
Waveform:	Sinus
Generator:	1,000 VRMS
DC offset:	0.000 V
Frequency:	1.00000 kHz
Acquisition type:	Auto
FFT length:	16 K
Trigger:	Free run
Delay time:	250.0 ms
Input bandwidth:	Use signal path

Details of the measurement process.

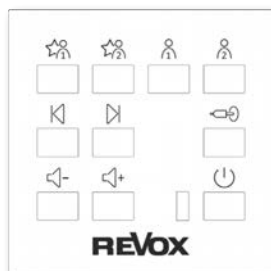


Studio Sound Quality

EASY OPERATION

The **STUDIOMASTER** control system is designed to give users maximum flexibility, paired with very easy, intuitive operation.

- Display on the device
- New Revox Multiuser app
- **STUDIOCONTROL C200**
- C18 Multiuser wall control
- C100 Multiuser remote control
- TV remote control for HDMI ARC connections



C18 Multiuser wall control



Operated using the Revox STUDIOCONTROL C200 and on the **STUDIOMASTER** display.

Revox Multiuser app



REVOX
Multiuser

NEW! Unique and therefore patented – the Revox Multiuser app

Customised and very clear.

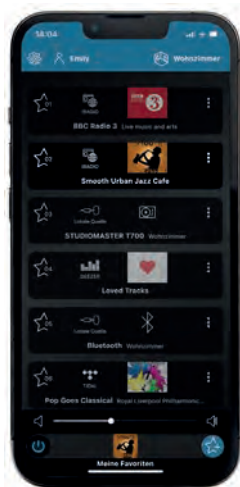
The newly developed Revox Multiuser app enables unique operation.

Each user has direct access to their favourites on their personal home page.

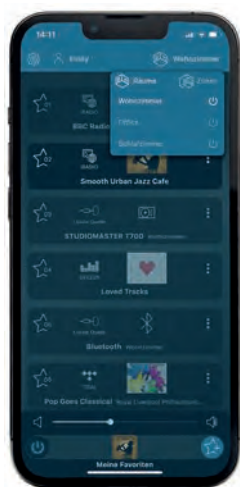
Each app user can create their own profile with personal settings and favourites. All audio sources are selectable as favourites, along with personal playlists from music sources. Revox has patented this User Favourites feature.



View of a music title playback.



Home page with personal favourites.



View for room selection.

One room can be configured directly in the app and controlled individually, along with entire zones comprising several rooms.

Wi-Fi connections are established using the Revox Connect function, which enables very simple and quick configuration via Bluetooth.

Studio Sound Quality

EXCLUSIVE DESIGN



Revox products combine highest quality and technical precision in a purist and timeless look that catches the eye with its clear design vocabulary. “Form follows function” is an actively embodied and interdisciplinary principle of our product development.

Developers work closely with designers to create the best solutions. Premium materials such as aluminium and glass underscore the value and add particularly impressive highlights. Clear lines and simple elegance flow into an immediately recognisable, deeply harmonious style that pervades the entire Revox product range.

Housing

purist, timeless, sustainable
“Form follows function”
machined from aluminium

Colours

black, silver, white

Glass front display

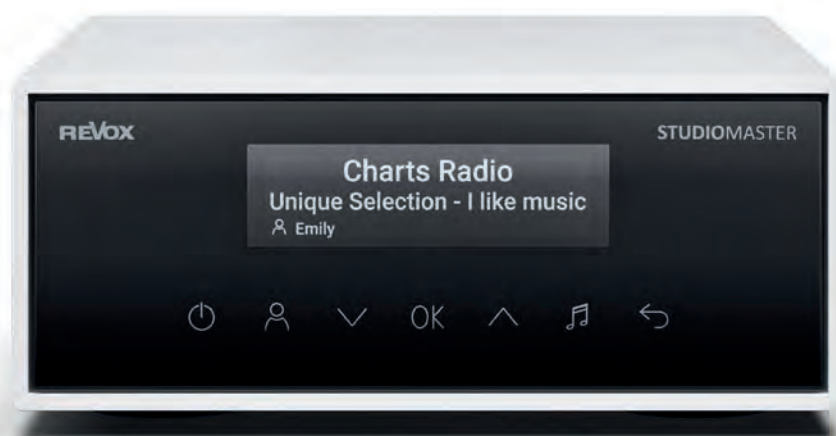
Real glass front with integrated infrared (IR) receiver and OLED display, luminous white, 256x64 pixels, with 7 touch sensors

Unique, reliable, timeless and sustainable.

Each Revox product is its very own masterpiece.



reddot winner 2023



Studio Sound Quality

MULTIROOM

Multiroom solutions enable a simultaneous yet personal experience of music across several rooms. Multiple speakers are combined for this purpose and then connected across the living space.

Connections can be wired or wireless using Wi-Fi or LAN. The remote control, wall display or app provide particularly convenient options for operation.

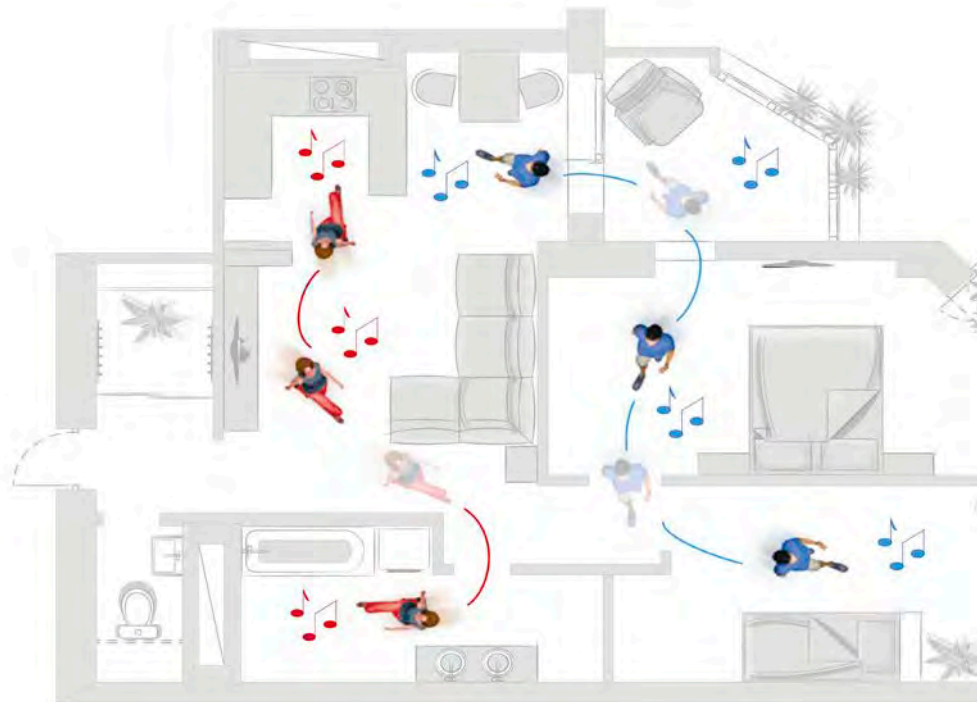
Individual or different audio and video sources can be assigned to the various zones. Playback is therefore enabled across multiple locations, with synchronised selections.

Delight at the difference.

Music should envelope you and reflect your personal needs, home design and lifestyle.

The Revox Multiuser approach

Revox is the inventor of Multiroom with products that promise absolute singularity. The Revox Multiuser | Multiroom systems deliver far more than conventional products and enable an intelligent, simple and completely individual solution for every user – in one or even several rooms.



The modular Revox software platform is the centerpiece of our Multiuser system.

NEW! Multiuser 3.0

A proprietary development by Revox, it comes with game-changing benefits and builds on our decades of experience.



Special features:

Aside from LAN cabling, other products can also be integrated via WLAN for a multiroom application. Each available source and its specific con-

tent can be defined as a favourite for any user. The app is used to create and control different zones comprising several rooms. System configurations are easy to adjust and directly integrated in the app.

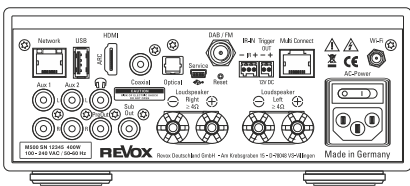
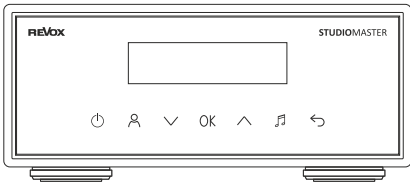
There is a built-in MultiServer feature as well. This means that several **STUDIOMASTER** and other Revox Multiuser products can be built into a modular system to increase flexibility and the number of users.

Everything for a smart music experience.



TECHNICAL DATA

Revox STUDIOMASTER M500 | M300



Dimensions	H 87 x W 200 x D 342
Weight	4.4 kg
Power	M500: max. 2x 180 W RMS (1 kHz/ 2% THD/ 2 Ω) M300: max. 2x 120 W RMS (1 kHz/ 2% THD/ 2 Ω)
Power consumption	< 1 W deep standby < 9.5 W standby < 13 W normal operation with no signal
Temperature range	+10 ... 40 °C
Damping factor	1200 at 8 Ω
Harmonic distortion	0.005 % at 25 W and 4 Ω
Analogue inputs	500 mV / 39 kΩ
Digital inputs	1x optical, 1x coaxial, 16, 20, 24 bit PCM, SPDIF up to 192 kHz
Subwoofer out	1 mono
Pre out	1 stereo analogue
Apple interface	AirPlay 2
Bluetooth	BT5.0 with apt-X, apt-X HD, AAC (+), MP3, SBC
Multi Connect	1x RJ45 for other Revox Multi Connect devices
Audio formats	AAC, ALAC, AIFF, FLAC, MP3 (cbr + vbr), OGG-Vorbis, WAV, MWA
Playlist formats	ASX, M3U, M3U8, PLS, WPL
Supported media protocols	Audio network paths with SMB 2 protocol or higher
Music services	Spotify, TIDAL, deezer, qobuz
Radio	FM, DAB+, internet radio
Accessories (incl.)	WLAN antenna, antenna adapter, power cord, patch cable
Display	Real glass front with integrated infrared (IR) receiver and OLED display, luminous white, 256x64 pixels, with 7 touch sensors
Colours housing	black, silver, white

revox.com/qrg/m300_m500



Quick reference guide



black



silver



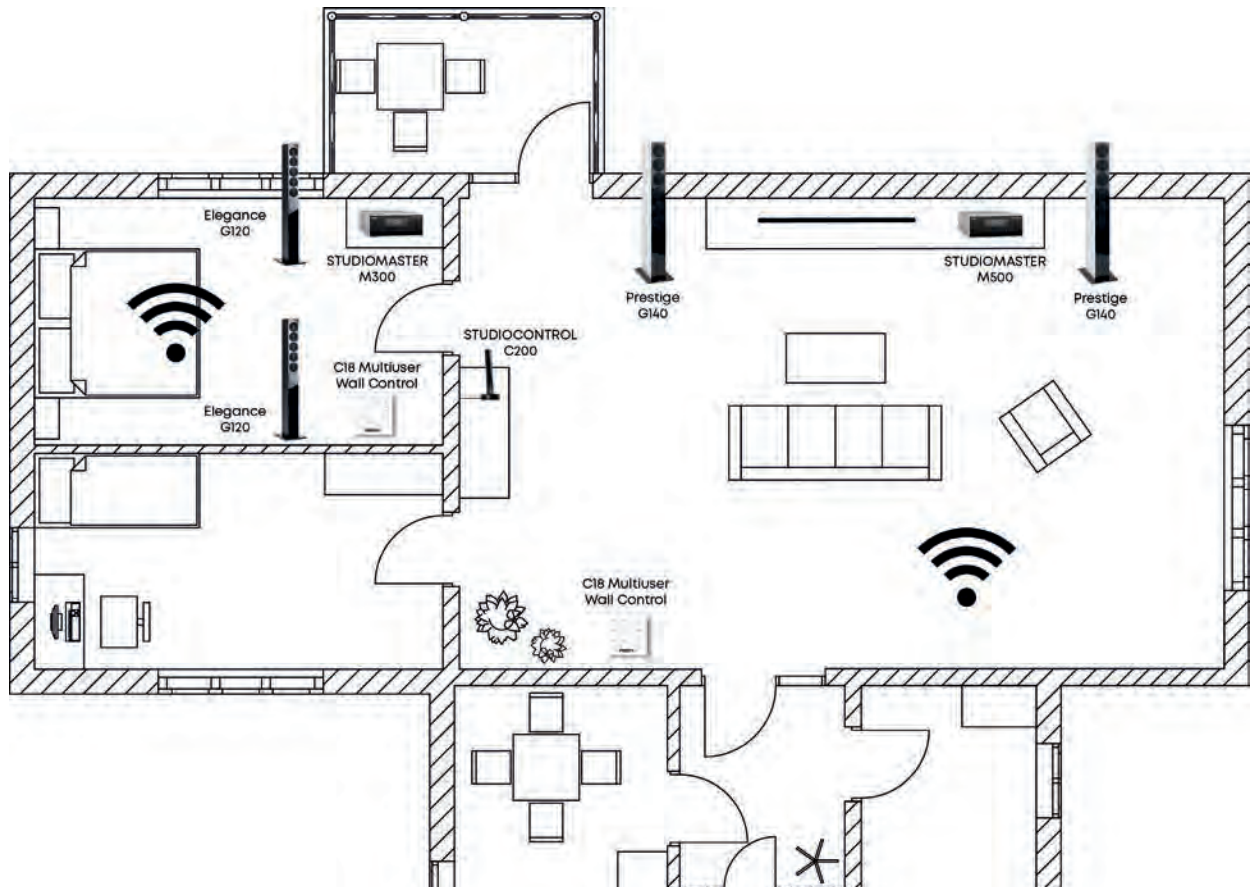
white

revox.com/app/multiuser



Multiuser app

ROOM PLAN



COMBINATIONS

STUDIOMASTER M500 and M300 are optimised for combination with these and other Revox products:

FLOOR-STANDING SPEAKERS

Prestige G140
Elegance G120
Scala S120
Column G70

COMPACT SPEAKERS

Shelf G70
Mini G50
Piccolo S60
Center G100

AUDIO PLAYERS

STUDIOMASTER T700
Turntable
S37 Audio Server
S22 CD Player

CONTROL UNITS

STUDIOCONTROL C200
C18 Multiuser wall control
C100 Multiuser Remote Control

As well as with the current Revox Multiuser range (with Multiuser 3.0 software).

Learn more: www.revox.com





REVOX

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