

# Revox V219 Multiuser Server



The Multiuser Amplifier has a powerful 2 x 50 Watt RMS and therefore sufficient performance for the respective rooms. The excellent power amplifier interacts very well with virtually every speaker. For the Revox loudspeakers, Revox uses the integrated, digital signal processor to ensure the highest sound quality of the respective combination of Revox amplifier and Revox loudspeaker through an individually best possible setting.

H x W x D:	44 x 218 x 255 mm <sup>1</sup>
Weight:	1.9 kg
Power input <sup>2</sup> :	2.5 W, OFF / 5.5 W, sleep mode <sup>3</sup> / 140 W theo. max. power
Normal operation:	ca. 9 W
Temperature range:	+10 ... 40°C / DIN 40040

## Power Amplifier

Max. Output power RMS:	2 x 50 W / 1 kHz / 4 Ohm
Frequency range:	20 Hz–20 kHz / -3 dB
SNR:	> 80 dB / typ. 85 dB / 1 kHz, -8 dBFS coaxial
Channel separation:	> -68 dB / typ. -80 dB / 5 kHz, -8 dBFS coaxial
THD:	< 0,04 % / typ. 0,025 % / 1 kHz, -8 dBFS coaxial

## Headphone

Frequency range:	20 Hz–20 kHz / -3 dB
SNR:	> 78 dB / 1 kHz bei 650 mV Aux-IN
Channel separation:	> -62 dB / 10 kHz bei 650 mV Aux-IN
THD:	< 0.015 % / typ. 0.008 % / 1 kHz bei 650 mV Aux-IN

## Trigger

Input voltage Trigger IN:	5–48 V / AC or DC
Input impedance Tr. IN:	ca. 1000 Ω
Output voltage Trigger OUT:	12 V / DC/ configurable via multiuser text
Max. output current OUT:	80 mA <sup>4</sup>

## I/O-Modul

### Optical input

Data format:	16, 20, 24 Bit PCM-SPDIF bis 96 kHz <sup>5</sup>
Frequency range:	20 Hz–20 kHz / -1 dB
THD:	< 0,02 % / typ. 0,01 % / 1 kHz, -12 dBFS
SNR:	> 75 dB / typ. 78 dB / 1 kHz, -12 dBFS
Channel separation:	> -90 dB / typ. -97 dB / 10 kHz, -12 dBFS coaxial

### Coaxial input

Data format:	16, 20, 24 Bit PCM-SPDIF bis 192 kHz <sup>5</sup>
Frequency range:	20 Hz–20 kHz / -1 dB
THD:	< 0.02 % / typ. 0.006 % / 1 kHz, -12 dBFS
SNR:	> 75 dB / typ. 80 dB / 1 kHz, -12 dBFS
Channel separation:	> -90 dB / typ. -98 dB / 10 kHz, -12 dBFS

### Analogue Input

Max. input voltage:	700 mV <sup>7</sup> / for full control
Input impedance:	25 kOhm

### Output

Analogue Output <sup>8</sup> :	1 x analogue output / max. 2.0 V / stereo
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### Shelf (for rack mounting)

H x W x D:	43.8 x 482.6 x 256.7 mm
Material:	Electrolytically galvanized steel sheet with powder coating
Usage:	1HE in 19" Rack / stackable on top of each other / max. 2 pieces of V219 can be installed per shelf

### Wall mounting

H x W x D:	21.7 x 213.4 x 255.2 mm
Material:	Electrolytically galvanized steel sheet with powder coating
Usage:	4 keyhole cuts for wall mounting, a wall bracket can hold one V219

<sup>1</sup> A further 50–60 mm must be calculated for cables and plugs

<sup>2</sup> Measured without connected speakers or external devices (e.g. V219)

<sup>3</sup> V219 is switched off; However, the input detector of the module inputs is active

<sup>4</sup> Total current [Trigger Out] + [IR-Link] = max. 80 mA

<sup>5</sup> Support sampling rates: 22.05, 24, 32, 44.1, 48, 88.2, 96, 176.4, 192 [kHz]

<sup>7</sup> With the configurator setting [-6 dB]

<sup>8</sup> Can be defined as a sub-out in the multiuser configuration, both outputs L + R are supported