

AER The Acoustic People

MM200

Monte Montgomery

Signature Amp

Available now!



Monte Montgomery



- **Needs:**
- **Monte's playing is more than powerful**, loud and dynamic. He is making use of a lot of effect pedals - a rather electric/acoustic than acoustic/electric sound – Monte's sound!
- **The volume, as well as the percussiveness** and the almost physical attack of the instrument within his style needs a relaxed amp, with lot's of headroom, effective but "understated" dynamic control and a sound reproduction that blends the directness and attack with a mild and melodic character.
- **A live amp, made for the stage** (sic!) that works for Monte as a Soloist, as well as with the Band, that supports him with punch and intelligibility.
- **Easy to operate, with the sound right there** - without tweaking and bending – and all the time. Ruggedness and reliability match perfectly to Monte's needs.
- **Besides that a valuable additional source** for recording especially due to superb preamps and audio-circuits along the signal pass. Line and DI-out deliver the sound at full.
- **Last, but not least, the Mute-Switch**, the "Monte Mute", a feature indispensable for Monte's needs. Push a button and the amp is completely quiet!
- **Thus:**
- **First**, the speaker: we decided for enough and appropriate speakers with equivalent sensitivity and fast response. The AER dual-cone 8", (200mm) is perfect for that! Two of them, diagonal, upright on the baffle board bundle the power. They offer a power handling of 160 Watts at 93dB @1W/1m each and qualify by a strong defined mid-range and a tight low end - well capable of live sound pressure levels.
- **Second**, the engine: driven by AER's UNIV-250 Class A/B Power amp-module used in 2 x 100 W mode to drive each speaker separately. Specially designed to handle high impulses the amp manages multiples of his stated power over the first decisive milliseconds to allow the signal, the impulse, to pass without distortion.
- **Third**, features: the classic AER 'singer/song-writer' setup with two separate channels (instrument and voice), separate gains and very musical eq's, 4 effects, effect pan, aux in, effects loop, line and DI ...
- **Fourth**, a power package: still pretty small (dims) and handy (15kg!) in classic AER Look.



MM200 Monte Montgomery, the Hardcore Troubadour

We're proud to offer our second signature amp:

The AER MM200

An AER amplifier, customized to Montes needs.

For straightforward acoustic attack or smooth fingerstyle. Look at the images, listen to Monte Montgomery,

It will fit in your backline, even if you are a fingerpicker or a Hardcore Troubadour like Monte.

Enjoy.

Available at your local guitar store.



Inputs (note 1)

Channel 1 Jack 1/4" (6.35 mm), unbalanced input
Sensitivity: 38 mV (-28 dBV)
Impedance: 2.2 Megohm
Noise (note 3): 1.8 µV (-115 dBV), A-weighted
Phantom power: 9 V at 'ring' terminal (max. 100 mA). Switchable.

High/low switch:
10 dB attenuator

Channel 2 Jack 1/4" (6.35 mm)
+ XLR combo socket

Line mode:

Unbalanced mono jack input only
Sensitivity: 64 mV (-24 dBV)
Impedance: 1 Megohm
Noise (note 3): 2.8 µV (-111 dBV), A-weighted

Mic mode:

XLR (balanced), stereo jack (balanced), or mono jack (unbalanced) input
Sensitivity: 5.4 mV (-45 dBV)
Impedance: 1.2 k (balanced use), or 4.2 k (unbalanced use)
Noise (note 3): 2.2 µV (-113 dBV), A-weighted
Phantom power: 48 V (XLR only)
Voice filter: -10 dB at 270 Hz (referred to 10 kHz)

Clip indic. Threshold: 8 dB below actual clipping

(Ch. 1 and 2)

Aux in Stereo cinch (RCA), L + R mixed and added pre-master. Sensitivity: 2 x 44 mV (-27 dBV), adjustable
Impedance: 22 k

Return Effect return for parallel effect loop. Effect signal is added pre-master. Mono jack, unbalanced
Relative gain of send-return loop: +2 dB
Sensitivity (note 1): 760 mV
Impedance: 20 k

Outputs (note 2)

Tuner Mono jack, unbalanced, 310 mV (-10 dBV), post equalizer, pre effects, pre master

Line out Mono jack, unbalanced, 1.5 V (+3 dBV), post master

DI out XLR, balanced, adjustable 0-130 mV (-18 dBV), post equalizer, pre effects, pre master

Send Mono jack, unbalanced, 1.25 V (+2 dBV) if "pan" control is set fully clockwise, post equalizer, pre effects, pre master

Headphones

Stereo jack
Output power: max. 100 mW / 32 ohms
Input sensitivity: 30 mV at channel 1 input for
2 x 50 mW / 32 ohms
Internal speaker is muted while headphones are connected.

For stereo headphones only. You should not connect anything with a mono jack plug!

Footswitch Stereo jack, tip = internal effect on/off, ring = external effect on/off, sleeve = ground.

Mute

Footswitch Mono jack, on/off,
Switch on/off, no function if Mono jack is connected

Equalizer

Channel 1 Colour: -3 dB at 700 Hz, and +10 dB at 8 kHz
Bass: ±8 dB at 100 Hz (shelf type)
Middle: ±6 dB at 800 Hz
Treble: ±8 dB at 10 kHz (shelf type)

Channel 2 Bass: ±8 dB at 100 Hz (shelf type)
Treble: ±11 dB at 10 kHz (shelf type)

Effects

Built-in effects

- 1 reverb 1 (short)
- 2 reverb 2 (long)
- 3 delay (320 ms)
- 4 chorus

Power

Power amp 2 x 100 Watt / 4 ohms, (THD < 1%), discrete bipolar transistor design. Dynamic range: 100 dB (A-weighted, see note 3)

Limiter threshold RMS limiter 85 W

Analog signal Subsonic filter, low distortion
RMS limiter processing

Speaker 2-way system, 8" (200 mm) full-range, extended mode

Mains power AC 100, 120, 230, or 240 V models, 50-60 Hz, max. 450 W

Mains fuse 5 x 20 mm
slow 3.15 A for 230 and 240 V models
slow 6.3 A for 100 and 120 V models

General

Cabinet 15 mm (0.6") birch plywood

Finish waterbased acrylic, black spatter finish

Dimensions Height: 420 mm (16.5")
Width: 360 mm (14.2")
Depth: 300 mm (11.8")

Weight 15kg (33.1 lbs)

Notes:

1. Input sensitivities refer to 2 x 85 watts into 4 ohms at full gain and volume settings, neutral tone control settings and 1 kHz sine-wave test signal.
2. Output levels refer to 50 mV / 1 kHz input at channel one, unless stated otherwise.
3. Equivalent input noise voltage obtained by measuring noise voltage at the speaker and dividing by the effective voltage gain of the amplifier for the respective input. Full gain and volume settings, neutral tone control settings, input shorted, frequency range 20 Hz - 20 kHz. Dynamic range: Range between output signal at limiter-threshold and A-weighted output noise with master volume in zero position.
4. Options: Gain of channel 2 in mic mode can be decreased by 4.6 dB by internal jumper. 48V phantom power can be deactivated by internal jumper.

0 dBV = 1 V

Specifications and appearance subject to change