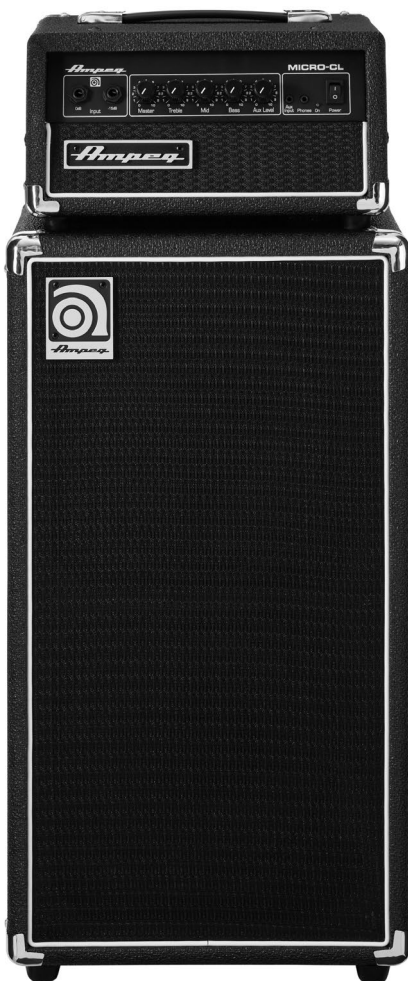


Ampeg[®]

MICRO-CL Stack



Owner's Manual



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What's in the Box

MICRO-CL Amplifier and Speaker Cabinet, Speaker Cable, Power Cable, Quick Start Guide.

Introduction

Let's face it. You are the type who would happily crank up a full Ampeg SVT® stack in your living room. Heck, who needs neighbors, anyway? And noise violations are really just a badge of honor, right? For the rest of us, there is the Ampeg MICRO-CL Stack, delivering 100 watts of Ampeg tone into any situation. It's perfect for those just getting into Ampeg tone or for the seasoned bassist looking to practice in far flung locations, like the master bathroom. The MICRO-CL Stack features a tough, 2x10" cab and tools like stereo input and output for silent practice, effects loop, and direct out for recording. It's everything you want in a full stack, micro-sized to fit perfectly into your life.

Like all Ampeg products, the MICRO-CL Stack was designed by musicians and built using only the best of components. Each stack is tested to confirm that it meets our specifications, and we believe that this product is the absolute best that it can be. In order to get the most out of your MICRO-CL Stack, please fully read this *Owner's Manual*, as well as the *Important Safety Instructions* included with the product, before playing.

Best of luck in all of your musical endeavors!

Sincerely,

The dedicated team at Ampeg

Features

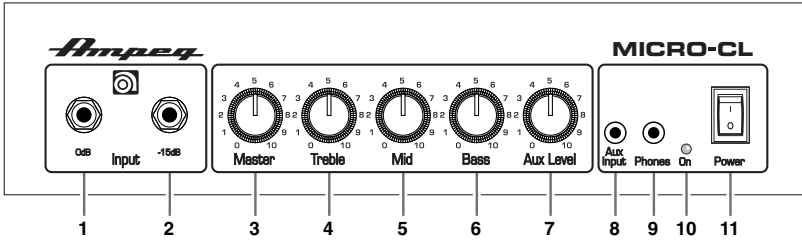
Amplifier:

- Power output: 100 Watts at 8 Ω
- Preamp: Solid-state
- Power Amp: Solid-state
- Tone Controls: Bass, Mid, Treble
- Unbalanced Line Out
- Effects Loop
- Dual Inputs (0 dB and -15 dB)
- 1/8" Headphone Out / Line In
- Dimensions (H x W x D): 7" x 12.2" x 10"
- Handling Weight: 13.8 lb / 6.3 kg


Speaker Cabinet:

- 100 Watts Power Handling at 8 Ω
- 2 x 10" LF Drivers
- Frequency Response: 57 Hz – 5 kHz
- Sensitivity: 100 dB SPL @ 1W/1m
- Dimensions (H x W x D): 13" x 24" x 11"
- Handling Weight: 33.2 lb / 15.1 kg

The Front Panel

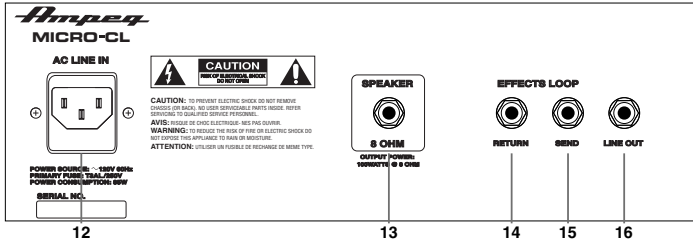


1. **0 dB INPUT:** The signal output from a passive instrument may be connected to this 1/4" Input by means of a shielded instrument cable.
2. **-15 dB INPUT:** The signal output from an active instrument may be connected to this 1/4" input by means of a shielded instrument cable.
3. **MASTER:** Use to control the output level of the instrument only. It affects the Speaker Output [13] and Headphones Output [9]. Use it wisely and turn it down when making connections, putting on headphones, or trying something new.
4. **TREBLE:** Use to adjust the high frequency level of the amplifier. This provides up to 13 dB of boost, or 13 dB of cut, at 6 kHz. The high frequency output is flat at the center position.
5. **MID:** Use to adjust the midrange frequency level of the amplifier. This provides up to 11 dB of boost, or 11 dB of cut, at 600 Hz. The midrange frequency output is flat at the center position. Rotate the control counter-clockwise for a "contoured" sound (more distant, less midrange output) or clockwise for a sound that really cuts through.
6. **BASS:** Use to adjust the low frequency level of the amplifier. This provides up to 11 dB of boost, or 11 dB of cut, at 50 Hz. The low frequency output is flat at the center position.
7. **AUX LEVEL:** Use to control the output level of the signal fed to the Aux Input [8]. Use it wisely and turn it down when making connections, putting on headphones, or trying something new.
8. **AUX INPUT:** The audio output from line level sources such as a mobile device or MP3 player, can connect to this 1/8" TRS stereo input. The incoming audio is mixed with the preamp signals, so you can play along to a practice track while listening with headphones. (The audio here appears in the cabinet speakers until headphones are plugged in; then heard in the headphones only).
9. **PHONES:** Use this 1/8" TRS stereo output to connect headphones. The output here is a mix of the line level signals reaching the amplifier, plus any incoming audio from the Aux In jack [8].

 Before putting on headphones, make sure the Master control [3] and Aux Level [7] are turned down. This will reduce the chance of hearing damage due to loud volumes.

Note: The speaker is muted when headphones are plugged in.
10. **ON LED:** This LED illuminates red when the power is on.
11. **POWER SWITCH:** Use this switch to turn the overall system power on or off. Press the top of the switch to turn on the power, and press the bottom of the switch to turn it off.

The Rear Panel



- 12. AC POWER INPUT:** The amplifier is equipped with a detachable power cable that plugs into this IEC Mains socket on the back of the amplifier. The AC power cord should only be plugged into a grounded power outlet that meets all applicable electrical codes and is compatible with the voltage, power, and frequency requirements stated on the rear panel of the amplifier.

! Do not attempt to defeat the safety ground connection.

- 13. SPEAKER OUTPUT JACK:** This 1/4" TS Output jack supplies speaker-level power to the Speaker Cabinet Input [17]. The rated power output is 100 Watts into 8 Ω .

Use a (non-shielded) speaker cable with 1/4" TS ends to make the connections. Do not use (shielded) instrument cables as they may overheat.

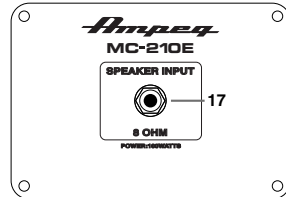
- 14. EFFECTS LOOP RETURN JACK:** Use this 1/4" TS unbalanced input to return the processed, line level output of an external effects processor (for example). The processor could be fed by signals from the Effects Loop Send [15].
- 15. EFFECTS LOOP SEND JACK:** Use this 1/4" TS unbalanced output to send a line level output to an external effects processor (for example). The output here is affected by all controls, including the Master [3].

Use the Effects Loop Return jack [14] to feed the returned processed signals back into the power amplifier.

- 16. UNBALANCED LINE OUT JACK:** Typically, you would connect this Output to the balanced input of an external mixer or a recorder. In this way, you do not have to mic the speaker cabinet in order to add it to the main mix or to record. This output is not affected by the Master control [3].

This output can connect to external power amplifiers, or powered loudspeakers, as long as they have their own input controls to adjust the volume level.

Rear Panel Connector Plate

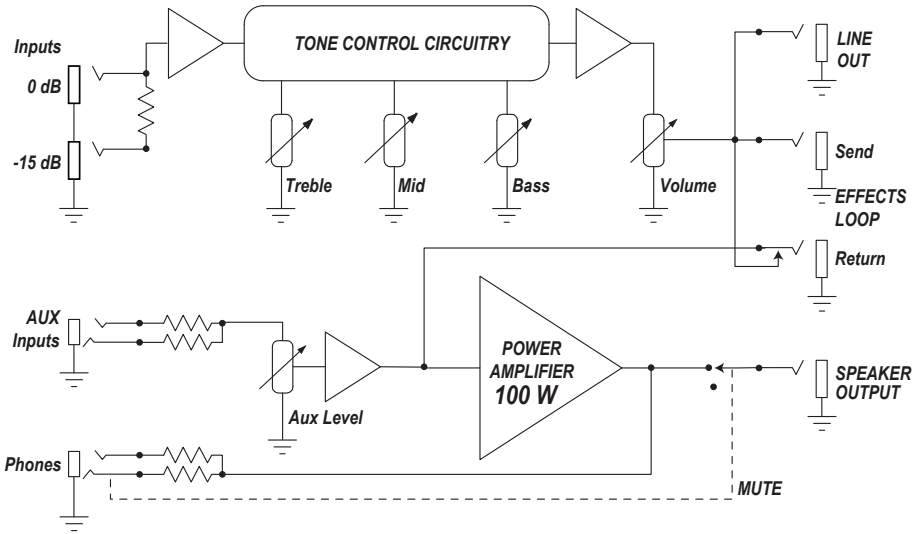


- 17. 1/4" TS INPUT JACK:** Connect the speaker-level output [13] to this speaker input jack using a (non-shielded) speaker cable.

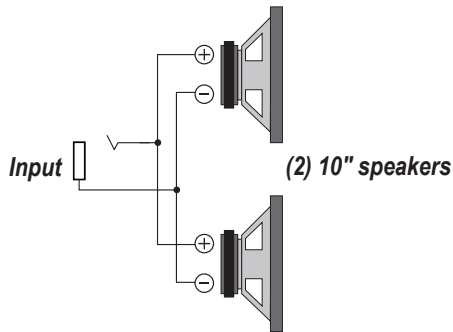
Always use a (non-shielded) speaker cable—never use a (shielded) instrument cable to connect speakers to an amplifier.

System Block Diagrams

Amplifier:



Speaker Cabinet:



Technical Specifications

Output Power Rating	100 Watts @ 8 Ω
Signal to Noise Ratio	72 dB (20 Hz – 20 kHz, unweighted)
Maximum Gain	59 dB at 1 kHz
Amplifier Inputs	2 x 1/4" Jacks [0dB, -15dB] 2 x 1/8" Jacks [Aux, Headphones]
Tone Controls	Bass: +11/-11 dB @ 50 Hz Midrange: +11/-11 dB @ 600 Hz Treble: +13/-13 dB @ 6 kHz
Power Requirements	Japan: 100V ~50-60 Hz, 85W U.S.: 120V ~60 Hz, 85W EU: 220-240V ~50-60 Hz, 85W
Amplifier Size (H x W x D)	7 in/178 mm (with feet) x 12.2 in/310 mm x 10 in/254 mm
Amplifier Weight	13.8 lb / 6.3 kg
Cabinet Frequency Response	57 Hz – 5 kHz
Cabinet Sensitivity	100 dB SPL @ 1W/1m
Cabinet Input	1 x 1/4" Jack
Speaker Specs	2 x 10" LF drivers
Cabinet Size (H x W x D)	13 in/330 mm (with feet) x 24 in/610 mm x 11 in/279 mm
Cabinet Weight	33.2 lb / 15.1 kg

The MICRO-CL is covered with a durable, fabric-backed vinyl material. Clean with a dry, lint-free cloth. Never spray cleaning agents onto the stack. Avoid abrasive cleansers which would damage the finish.

Ampeg continually develops new products and improves upon existing ones. For this reason, the specifications and information in this manual are subject to change without notice.

Warranty and Support

Visit WWW.AMPEG.COM to...

- (1) ...identify **WARRANTY** coverage provided in your local market. Please keep your sales receipt in a safe place.
- (2) ...**REGISTER** your product.
- (3) ...**CONTACT** Technical Support, or call 818-575-3600.

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