Mockingboard 4c (MB4c)

Internal Sound Card for the Apple IIc, by Ian Kim

COMPATIBLE GAMES & MUSIC APPS

GAMES — Mockingboard Compatible

- 8bit-Slicks†† 👍
- Airplane Simulator (Airsim-3) : http://tinyurl.com/28zee8ky
- Alien Clonepure : https://archive.org/download/alienclonepure
 (Mockingboard music should appear during gameplay, not the intro, but I couldn't hear it.)
- Angry Birds†
- Apple Cider Spider †
- Attack of the Petscii Robots ("a2robots" in not free!): http://tinyurl.com/cxuh98ku (I hear sound only from the right speaker. Game bug?
- At The Gates of Moscow 1941\(\infty:\): https://www.apple.asimov.net/images/games/strategy/
- Berzap! †
- Black Belt ††\(\cappa\)
- Bouncing Kamungas†
- Broadsides : https://tinyurl.com/3wk2v89s
- Genius 1†
- Genius 2† 4 (Works, but high-pitched whistles and whines make it annoying)
- Genius 3† 4
- Jumpy Guy 4: https://tinyurl.com/y5ctnf75
- Lady Tut †\infty
- Lancaster † 👍 (Game play smooth with the keyboard, but stutters & freezes with a joystick.)
- Maze Craze
 https://tinyurl.com/5ca3pm95
- Mapple†
- Microbe : https://tinyurl.com/4tv6hd3f
- Night Flight 4: https://tinyurl.com/252fy68b
- Nox Archaist (on tree!) https://6502workshop.com/
- Oubliette 2021 (on not free! Ilc incompatible?): https://8bitshack.org/post/oubliette2021/
- OidZone†
- Pitfall II†
- Popeye 4 (intro music only?): https://tinyurl.com/29e3hn22
- Silent Service††
- SkyFox † (Game won't appear on Total Relay until you connect a Joystick.)
- TAC: Tactical Armor Command : https://tinyurl.com/3cwfad82
- The Spy Strikes Back†
- Thunder Bombs†
- Ultima III 4: https://www.apple.asimov.net/images/games/rpg/ultima/
- Ultima IV : https://www.apple.asimov.net/images/games/rpg/ultima/ultima_IV/
 You also need Ian Kim's PATCHED "boot" disk (Ultima4): https://guick09.tistory.com/1297
- Ultima V : https://www.apple.asimov.net/images/games/rpg/ultima/ultima V/
- WillyByte † (Plays opening music, but crashes when you press SPACE)
- Zaxxon † A 4

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- † Total Replay v5.2 games
- †† Total Replay II games
- Note: Incompatible with MB4c or couldn't confirm MB4c audio (if you can, let me know)
- MB4c requires <u>lan Kim's PATCHED apps</u>
- 4 JDW confirmed working with MB4c
- Requires MANUAL ON (restart by CTRL-OpenApple-Esc. After the beep, press CTRL-RESET for] prompt):
 - **1**CALL-151
 - *C403:FF FF
 - *C600G

MUSIC — MockingBoard Compatible

- Music Construction Set https://tinyurl.com/55knmjpx
- MIDI2MOCK ♠ (plays only 3 voices on RT speaker! Bug? ♣): https://tinyurl.com/2s444uwm
- Cybernoid Music Disk
 https://github.com/tomcw/Cybernoid/releases
- Latecomer DEMO (awesome!) : https://www.fenarinarsa.com/?p=1229
- PT3 Player 4 (So sad! Plays only on RT speaker! Bug? *): https://tinyurl.com/v3x7ddti
- French Touch Vault (PURE NOISE & (NOT SO) Cheap Tunes \$\lambda \cdot \cdot \cdot\$):
 http://fr3nch.t0uch.free.fr
- SunBug Samples (Plays only on RT speaker! Bug?*): https://www.sunbug.net/6
- ChipTune Player 4 (Plays only on RT speaker! Bug?*): https://tinyurl.com/4vy8jxm2
- Sweet Micro Demo Disk https://tinyurl.com/52ajmrsv
- Sweet Micro Holiday Music Disk\(\inft\): https://tinyurl.com/amyujy2t
- Bank Street Music Writer JUKEBOX (where to download???)
- The Music Disk (where to download???)

NOTES:

- 1. If a Total Replay Game that should be MB4c compatible is not playing MB4c music or sounds, try restarting. Sometimes that fixes it
- 2. **Ape Escape** should be Mockingboard enabled, but I find that it only plays through my IIc's stock speaker, and the same is true of Virtual][as well. It may require the SC-01 speech chip. Neither the MB4c nor Virtual][have speech functionality. The MB4c is basically a Mockingboard "A".
- 3. **Apple Cider Spider** won't play Mockingboard sound when using the virtual Ile & virtual Mockingboard within the Virtual][emulator. Must be a Virtual][bug. MB4c has no problem with the game.
- 4. **Bouncing Kamungas** works great with the MB4c, but I can't hear Mockingboard audio when using a virtual IIe on the Virtual][emulator. Another Virtual][bug?

MORE INFO

- 1980's MockingBoard Compatibility: http://tinyurl.com/ycx6phwp
- Compatibility Discussion: http://tinyurl.com/mrxf2yjx
- Total Replay CHANGE LOG: https://tinyurl.com/m5jnv9t3
- Total Replay II CHANGE LOG: https://tinyurl.com/3ns3e7jn

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OTHER GREAT GAMES — No Mockingboard support

- Airheart †
- Archon †
- Asteroids
- Bruce Lee† (great sound)
- G.I. Joe† (great sound)
- Choplifter †
- Death Sword†
- Defender †
- California Games by Epyx ††
- Galaxian†
- Karateka†
- Lode Runner†
- Maniac Mansion
- Mario Bros†
- Microwave†
- Moon Patrol†
- Ms. Pacman†
- Prince of Persia† (Requires MB4c Hardware Mod, contact lan Kim)
- Renegade†
- Rescue Raiders†
- Spy Hunter†
- Test Drive††
- Tetris†
- Thexder†

Confirm an error? Want a change? Send me the details by email.

My MB4c VIDEO: https://youtu.be/Wr3nxbl16zM

Last Update by JDW: 2/4/2025