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Marantz 1060

Stereo Integrated Amplifier (1971-78)

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http://www.hifiengine.com/images/model/marantz_1060_front.jpg



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Piezo Amplifier / Driver

High Voltage,
Fast Piezo
Amplifier
Linear, low
noise, high
speed Amp



Description

The Marantz 1060 is a stereo console amplifier featuring three line inputs, one phono input and a tape loop.

The amplifier section is split into pre and power sections which can split for use with an external processor.

The unit has two sets of switchable sockets for main/remote speakers.

Specifications

Power output: 30 watts per channel into 8Ω (stereo)

Frequency response: 20Hz to 20kHz

Total harmonic distortion: 0.5%

Damping factor: 45

Input sensitivity: 1.8mV (MM)

Dimensions: 14-11/64 x 4-23/32 x 11-1/32 inches

Weight: 18lbs

Year: 1971

Downloads

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(<http://www.hifiengine.com/users/oldmarantz>)

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[schematic \(improved scan\)](http://www.hifiengine.com/hfe_downloads/index.php?marantz/marantz_1060_schematic_imp_scan.pdf) (http://www.hifiengine.com/hfe_downloads/index.php?marantz/marantz_1060_schematic_imp_scan.pdf)  - *ttime*
(<http://www.hifiengine.com/users/ttime>)

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(<http://www.hifiengine.com/users/ttime>)

[B service manual](http://www.hifiengine.com/hfe_downloads/index.php?marantz/marantz_1060b_service_en.pdf) (http://www.hifiengine.com/hfe_downloads/index.php?marantz/marantz_1060b_service_en.pdf)  - [mikesynthesizer](http://www.hifiengine.com/users/mikesynthesizer)
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Marantz Integrated Amplifiers



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1040

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Reviews

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Reviewed May 21st, 2015 by [mdompieri](http://www.hifiengine.com/users/mdompieri) (<http://www.hifiengine.com/users/mdompieri>)

Amazing amp. Mine is 40 y.o. and keeps on performing flawlessly. Pots and switches operate without any noises, with the exception of the volume button which does some scratching noise after the amp hasn't been used for some days, but easily fixed after some rotation cycles.

Bought used, there were some popping noises which were eliminated by replacing the input transistors of the power amps. Sound is sweet, bass is powerful, mids are clean and highs are extended, even though bandwidth is limited at 50kHz. Used with DIY loudspeakers (peerless/vifa), always amaze visitors with it's effortless program rendition (with good quality recordings, of course). Also, plenty of connections and flexibility. If you find one for sale, go for it and have the experience, I promise you won't regret it.



Reviewed Mar 14th, 2015 by [Simon Spiers](http://www.hifiengine.com/users/simon-spiers) (<http://www.hifiengine.com/users/simon-spiers>)

Just a note on this 1060 model.

The output stage is capacitor coupled, this itself is not really a problem but I trashed a pair of headphones by powering on the amp with them plugged into the amp.

There is a high DC offset as the capacitors charge, with speakers connected this charge rapidly diminishes, but headphones have high impedance and can cause damage.

Sound wise I thought mine always sounded too soft and lacking any dynamics. Uses a single rail supply as apposed to a twin supply found in better amplifiers, hence the need of the decoupling at the speakers.

Recapping would probably give a good sonic improvement, and there is no speaker protection system on this amp as a shorted output transistor would never pass DC to the speakers unless the output cap was shorted.



Reviewed Feb 25th, 2015 by [ilflaco](http://www.hifiengine.com/users/ilflaco) (<http://www.hifiengine.com/users/ilflaco>)

Mid could be better. Is sometimes lacking.



Reviewed Jan 31st, 2014 by [Coach-Z](http://www.hifiengine.com/users/coach-z) (<http://www.hifiengine.com/users/coach-z>)

Work great as a headphone amplifier, which is what I use it for at the moment...

It has plenty of power to run even the most powerhungry headphones. Its cheap and it just keeps on going.

Great cheap goodlooking amp

Comments

[RESOLVED]Removing Bass/Mid/Treble Knobs ([//Manual_library/Marantz/1060.Shtml#Comment-12980](//Manual_library/Marantz/1060.Shtml#Comment-12980))

Submitted by [SjorsHijenaar](/users/sjorshijenaar) (</users/sjorshijenaar>) on September 3rd, 2015.

Hi all,

Recently my Marantz Model 1060's power button has started to malfunction. Whenever I want to power on, the button immediately 'pops out' again. Therefore, I am trying to remove the front of the amp, however, I can't find out how to remove the bass, mid and treble knobs in order to achieve this. Can anybody help me with this?

NVM: they just come off if you pull on them

Re: 1060 ([//Manual_library/Marantz/1060.Shtml#Comment-8111](//Manual_library/Marantz/1060.Shtml#Comment-8111))

Submitted by [pdm4606](/users/pdm4606) (</users/pdm4606>) on June 19th, 2013.

Probably needs new caps all around. Do not use it until a knowledgeable person looks at it. You could do more damage to other parts if you replace the fuses and try again.

Paul

1060 Right Channel Quiet (/Manual_library/Marantz/1060.Shtml#Comment-7838)

Submitted by [qwolfe](/users/qwolfe) on April 25th, 2013.

After my 1060 was stored in a humid environment for 3 years, the right channel is much quieter than the left. If you listen from the tape out jack, the channels are equal, but if you listen from the pre-amp out jack, it's quieter. Also at 0 volume the speaker makes a scratching noise. I used radio shack contact/control cleaner and lubricant on all the controls and repeated movement or fiddling with the controls seems to make no difference. The volume knob does adjust the volume, it's just much quieter and distorted at high volume. What do I do next?

1060 (/Manual_library/Marantz/1060.Shtml#Comment-7121)

Submitted by [gerryc1971](/users/gerryc1971) on December 3rd, 2012.

I have a Marantz 1060. Love the amp had it for almost 20 years. Last weekend it stopped working. Found the fuse blown, replaced fuse and blows soon after power is turned on. Any help diagnosing this amp would be greatly appreciated.

Re: 1060 (/Manual_library/Marantz/1060.Shtml#Comment-8112)

Submitted by [pdm4606](/users/pdm4606) on June 19th, 2013.

See my reply above. New caps needed in the output and power supply section. I recently rebuilt mine with new caps and it sounds terrific.

I doubled the capacitance rating in some areas.

Paul

Grandparents Marantz Model 1060 (/Manual_library/Marantz/1060.Shtml#Comment-4966)

Submitted by [evorider98](/users/evorider98) on August 19th, 2011.

I'm just recently moved out of the house to attend college and dad let me take my grandparents Marantz model 1060 and turntable. I have to say it is the best sounding amplifier I have ever heard. connected to the marantz is a pair of Fraizer super monte carlo speakers and they sound amazing whether I'm listening to metallica or johnny cash. I would not trade the marantz for any amp on the market today!

Marantz Model 1060 - Great Old Workhorse ([/Manual_library/Marantz/1060.Shtml#Comment-4922](/Manual_library/Marantz/1060.Shtml#Comment-4922))

Submitted by [joydeepsq2008](/users/joydeepsq2008) (</users/joydeepsq2008>) on August 12th, 2011.

Hello, this is Joydeep from Kolkata, India. After purchasing it from my old friend, I am regularly using this Marantz 1060 amp for the last ten years or so without a single breakdown. Believe it or not, my 1060 contains all the ORIGINAL COMPONENTS (as it was produced in the Marantz factory). This proves how solidly built it was and all about Marantz phylosophy behind it.

It is an amazing sweet sounding amp from the Golden Era of Hi-Fi (70's and 80's). I regularly listen to Classical, jazz and rock music (with audio CDs only) and appreciate 1060's warm,detailed and balanced sound. I am absolutely happy with it. I clean all the contacts and internal components every two years or so to keep it in top notch condition.

Right Output On Both Main And Remote Does Not Work ([/Manual_library/Marantz/1060.Shtml#Comment-3365](/Manual_library/Marantz/1060.Shtml#Comment-3365))

Submitted by [jonathan90](/users/jonathan90) (</users/jonathan90>) on September 20th, 2010.

Hi all im looking for some advice or a solution to my problem.

Im 20 living with a friend, the dad has a marantz 1060 still in perfect condition only thing is that all right outputs dont work, The left channels plays but nothing is happening on the right channel.

Any1 know what the problem might be or have any suggestions on what to do?

Marantz Amplifiers ([/Manual_library/Marantz/1060.Shtml#Comment-5925](/Manual_library/Marantz/1060.Shtml#Comment-5925))

Submitted by [toogeess](/users/toogeess) (</users/toogeess>) on March 5th, 2012.

I have recently had a spate of these amps in from friends and family. The problems all stem from either bad capacitors, dry electrolytics, and resistors that go open circuit. If it is a stereo amp. measur each resistor value and compare with the other channel. I didn't expect resistors to go open without signs of heat damage.

Mostly the transistors are obsolete and one has to do a bit of redesign to substitute.

I Have The Same Issue But It's The Left Side Not Working ([/Manual_library/Marantz/1060.Shtml#Comment-5758](/Manual_library/Marantz/1060.Shtml#Comment-5758))

Submitted by [kitfuntastik \(/users/kitfuntastik\)](/users/kitfuntastik) on February 2nd, 2012.

Any help available for this common problem? Thanks!



[\(/users/swetepi\)](/users/swetepi)

Marantz 1060 Right Speakers Problem ([/Manual_library/Marantz/1060.Shtml#Comment-3909](/Manual_library/Marantz/1060.Shtml#Comment-3909))

Submitted by [swetepi \(/users/swetepi\)](/users/swetepi) on January 17th, 2011.

I am totally amazed that right off the bat I found someone else with exactly the same problem. I am the original owner and I am very sad to have this happen. I switched around the wires and the speakers, played with the balance button. I can't imagine what is wrong. I will say though that since 1972 the right side has always been a tad lower in volume than the left. I never had this problem before. I never had a problem before.

Did Jonathon90 find the problem?

swetepi334 at aol dot com

Did You Ever Figure This Out? ([/Manual_library/Marantz/1060.Shtml#Comment-5759](/Manual_library/Marantz/1060.Shtml#Comment-5759))

Submitted by [kitfuntastik \(/users/kitfuntastik\)](/users/kitfuntastik) on February 2nd, 2012.

Did you ever figure this out? Thanks!

Missing Page 7 From Owner's Manual ([/Manual_library/Marantz/1060.Shtml#Comment-2816](/Manual_library/Marantz/1060.Shtml#Comment-2816))

Submitted by [bikewhisperer \(/users/bikewhisperer\)](/users/bikewhisperer) on May 29th, 2010.

I downloaded the owner's manual so I can make a hard copy but I've found that page 7 is missing. Anyone else notice this?

Anyone have a copy of page 7? Table of contents describe it as: Technical Description/Function then subsets as: Selector Switch/Tape Mon Switch/Balance and volume controls.

I can figure out how to make things work but still would like the hard copy as well.

Thanks

Missing Page 7 Found! ([/Manual_library/Marantz/1060.Shtml#Comment-3283](/Manual_library/Marantz/1060.Shtml#Comment-3283))

Submitted by [Tut \(/users/tut\)](/users/tut) on September 3rd, 2010.

I just inherited my brother's 1060, and amazingly he still had the manual in pristine condition. I scanned page 7 for you.

This one still works nicely, but the power switch is worn and won't stay depressed. I tried taking it apart and bent the little piece that's supposed to travel in the groove, but that only worked until I put the entire thing back together again. Arg! Anybody know where I can buy a replacement power switch?

Marantz 1060 Amplifier ([/Manual_library/Marantz/1060.Shtml#Comment-2291](/Manual_library/Marantz/1060.Shtml#Comment-2291))

Submitted by mistersmiley (not verified) on February 25th, 2010.

I have very fond memories of the 1060. I bought it in high school in the early 70's. I have bought a Sony receiver since, but can't find it in my heart to part with the solid, elegant, simple 1060. It had enough power for me in my downstairs bedroom with attached Bose speakers (they finally gave out in the 90's.)

The volume control has, for years, had dust or something on it making it make a big scratching sound every time. I don't know if I dare take the amp apart and see if I can clean the volume control.

I still use it, I still love it. It cost \$199.00 when I bought it.

May My Wonderful 1060 Live On ([/Manual_library/Marantz/1060.Shtml#Comment-2980](/Manual_library/Marantz/1060.Shtml#Comment-2980))

Submitted by [JD Pitt \(/users/jd-pitt\)](/users/jd-pitt) on July 7th, 2010.

In college in the early 70s, with summer savings in my pocket, I shopped and shopped to find the best amp for the best money. I wanted a good one to power up my new AR2ax speakers and AR turntable and decent cartridge. I listed around at the stereo stores and decided on the 1060. I never regretted doing it. It became the most popular amp in the dorm, the speakers too. That sound was sweet, downright rich with a good record. 30 watts was way more than plenty for a dorm room, and later plenty

adequate in my home's living room. The 1060 showed how nice a carefully-made transistor amp can sound. and that nobody should shy away from a great low-power amp.

I bought everything from a discount mail-order hi-fi warehouse in Texas. I think \$200 for the amp, \$100-something for each speaker, like \$70 for the turntable, and half that much for the cartridge.

It all was stolen in 1981. The 1060/1090 amps were no longer made and used units could not be found in my neck of the woods - ebay didn't start for almost another 15 years. I replaced it with a new monster Kenwood, but after a while the big power got boring and for classical it was too shrill on the top end. So I gave it to my nephew and got something else, whatever it was (too muddy), and so on. None of them was good enough for my close listening except for another vintage Marantz.

Now I want to DIY the 1060 and so need the schematics.

Marantz 1060 Amplifier ([//Manual_library/Marantz/1060.Shtml#Comment-2606](/Manual_library/Marantz/1060.Shtml#Comment-2606))

Submitted by Liam Merwede (not verified) on April 17th, 2010.

Same here friend, amazing engineering for its time and great value with pre-amp output and mid-range control to name a few.

Channel Power Loss ([//Manual_library/Marantz/1060.Shtml#Comment-1213](/Manual_library/Marantz/1060.Shtml#Comment-1213))

Submitted by dlm (not verified) on September 10th, 2009.

Thanks very much for the documentation I have downloaded.

Before I start fault finding I thought I'd ask for any comments or suggestions as to a possible cause for my near complete loss of output from my RHS main amplifier.

The LHS power amp performs perfectly.

I suspect a capacitor related problem as some power output is actually only heard for a few seconds after I turn the amplifier off with the MP player still connected (as it does for the LHS amplifier).

Use of the remote speaker output reveals the same problem.

Any suggestions much appreciated.

Marantz 1060 (/Manual_library/Marantz/1060.Shtml#Comment-3092)

Submitted by [bob150](/users/bob150) on July 29th, 2010.

I've just had a similar problem with my 1060. The problem was in a switch, or control potentiometer, it fixed it's self while troubleshooting it. I find a lot of stereo problems here.

Try a different speaker or switchch them If you haven't, plug all cables in and out several times to kind of clean them, especially the jumpers from the preamp to amp on the back, try different wiring to speakers if you've not done so, work the switcher in and out many times. Sometimes a switch contact will cause your problem. I doubt if it is a capacitor but anything is possible.

Cleaning switches, controls--remove them If you can do so, they can be cleaned without it.

Put a wad of paper towels under the switch or control while installed to catch the cleaners. Squirt a little WD 40 into whatever you are cleaning, work it in/out, on/off; spray it again. If you have some air, blow it out then use some electrical contact cleaner or denatured alchol to remove the WD 40. Blow it out again and let it set until dry. CAUTION-a switch turned on or off can creat a small spark internally between the contacts; if there is any WD 40 in it, IT WILL CATCH ON FIRE.

If you don't find a problem here then it's troubleshooting time. Leave a post if this don't help and if you can do a little troubleshooting and need help here, I've got a cheap easy trick here. Good Luck Bob

Marantz 1060 Channel Power Loss (/Manual_library/Marantz/1060.Shtml#Comment-2605)

Submitted by Liam Merwede (not verified) on April 17th, 2010.

If you still need this advice: this is probably due to aging of the capacitors and can be repaired easily and cheaply by an electronics expert.

Ciao,
Liam

C 715 And C 716 (/Manual_library/Marantz/1060.Shtml#Comment-730)

Submitted by [Proton_pos](/users/protonpos) on June 12th, 2009.

My PCB has two electrolytic capacitors with caracteristics C 715 and C 716, that are not included in the schematic. Someone knows their correct values and because it contained? Thanks and hope to watch the response. Regards Charles

"Mistery" Unvealed For Caps On Marantz1060 (/Manual_library/Marantz/1060.Shtml#Comment-731)

Submitted by [dave57 \(/users/dave57\)](/users/dave57) on June 13th, 2009.

HI

1060 and 1030 models, have the same PCB (number P700)and there are some differences.

The two capacitors C715 and C716 are mounted only in the 1030 model, and NOT in the 1060.

Their value is 100 mf.

They shunt the emitter resistances of H703 and H704 that in the 1060 model are 33ohms and in the 1030 are 100ohms.

So: don't worry and let everything as is. It's all OK!

regards

dave57

Thanks Dave, And Sorry! Another Questions (/Manual_library/Marantz/1060.Shtml#Comment-740)

Submitted by [Proton_pos \(/users/protonpos\)](/users/protonpos) on June 14th, 2009.

When you turn the balance towards the left channel is heard and no serious or small means, to return to the center is more or less normal in both channels. Without more careful your response and hope very happy for you. Charles Regards

Balance In A 1060 (/Manual_library/Marantz/1060.Shtml#Comment-744)

Submitted by [dave57 \(/users/dave57\)](/users/dave57) on June 15th, 2009.

I'm not sure having get the question. I read several times your question, and may be you mean no result when rotating the balance control full counterclockwise. If so, then the control doesn't run.

May be a faulty potentiometer, but not only.

My question is: in center position a stereo program can be normally heard?

Check for any dry soldering on the PCB under the pot.

Then check with an ohmmeter when rotating to full left and right , if central tip goes to ground or not. Check tracks.

regards

dave57

Thanks For Everythink (/Manual_library/Marantz/1060.Shtml#Comment-770)

Submitted by [Proton_pos \(/users/protonpos\)](/users/protonpos) on June 14th, 2009.

Submitted by [Proton POS \(/users/protonpos\)](#) on June 19th, 2009.

Thanks for everything Dave, I resolved to change the connectors I disconnected some wires baffle. Greetings

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