



CLASSIC 202i integrated amplifier

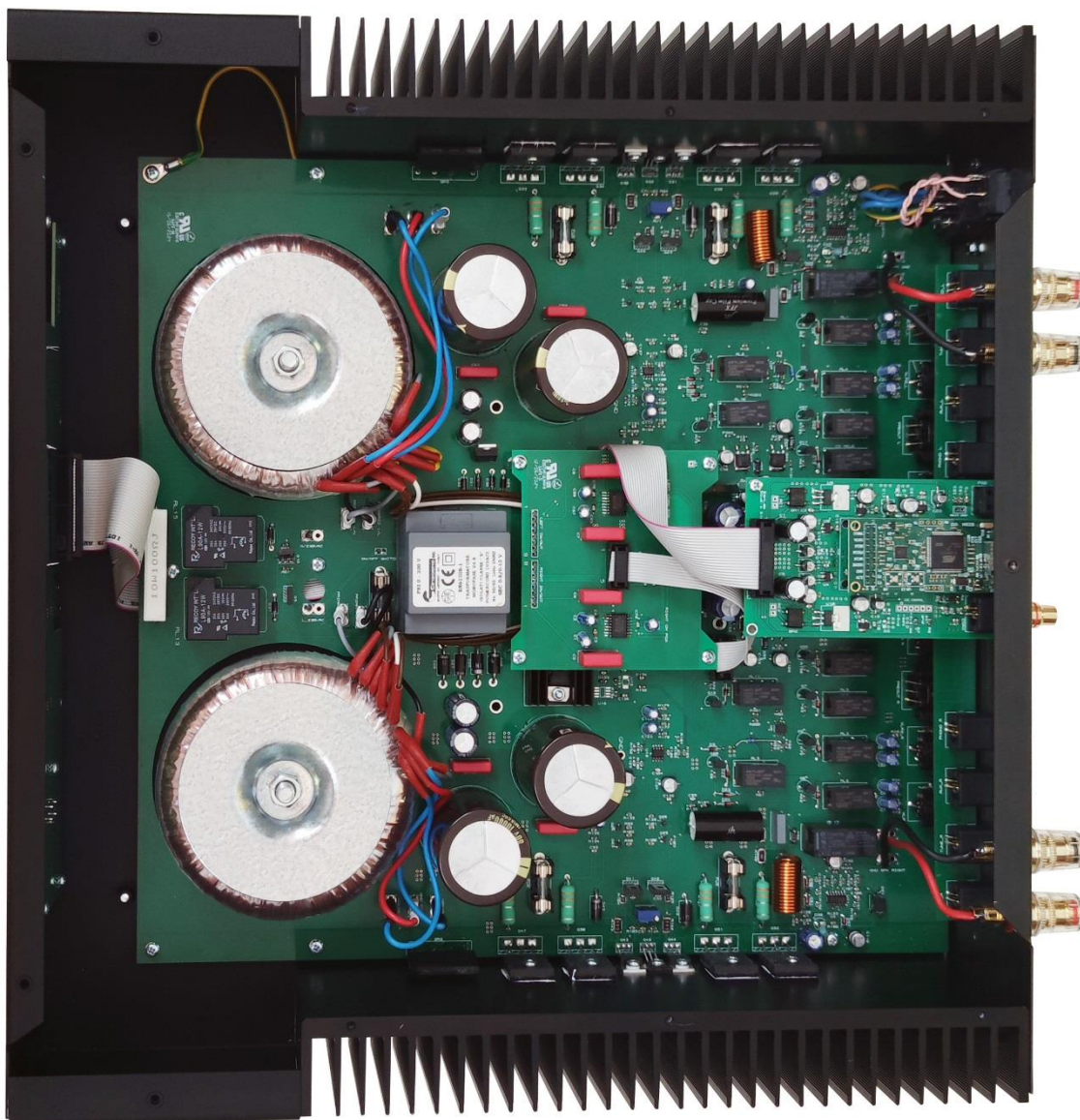


CLASSIC 202i was conceived, designed and implemented to further improve the sound reproduction of our previous MUSICA series integrated amplifiers while also incorporating the latest in connections for streaming digital content. We are not afraid to say that we have entered a new era of low-noise, high-harmonic-contrast circuitry. This was possible thanks to a new circuit design, a modern volume control system, latest generation components and a series of advanced features that guarantee you crystal clear and precise sound.

One of the main features of CLASSIC 202i is its ability to amplify the audio signal without distortion and with a high dynamic range. The sound is reproduced with the highest possible fidelity, without background noise, alterations in the frequency response and, thanks to its powerful power supply, the typical distortion that limits the dynamic sense of the music.

The 102i also features a host of audio inputs and outputs, making it compatible with a wide range of devices. An exceptional MM phono input, two balanced inputs and 3 line inputs make it possible to use this modern electronics with any source, from CD players to turntables. The **DAC with Hyperstream technology implemented on the SABRE ESS 9038 q2m** further expands the possibilities of connections for digital and streaming usability with an exciting level of unparalleled playback.

Finally, we also designed it to be easy to use and set up. Thanks to its simple and intuitive interface, you can set it up in just a few minutes and start enjoying high quality sound in modo intuitivo ,semplice e veloce.



Balanced and dual mono circuitry

In the new 202i we have substantially increased the power of the power supply stage and we have developed the entire project with dual mono architecture. Each channel has separate and excellently filtered and stabilized power supplies, as do the entire ground planes. This allows for extremely effective channel separation which translates into a very natural sound, with incredible and realistic focus and stage reconstruction. Each instrument remains well focused in space and the powerful power section promotes unprecedented dynamics.

The wiring reduced to a minimum, the conversion of the line inputs to balanced and the possibility of integrating the machine with audio/video systems guarantee absolute and immutable performance over time.

The entire project is completed by a high-performance RIAA PHONO section for lovers of vinyl records and the possibility of using the PRE-OUT / AMP-IN outputs selectable by remote control for unprecedented versatility.

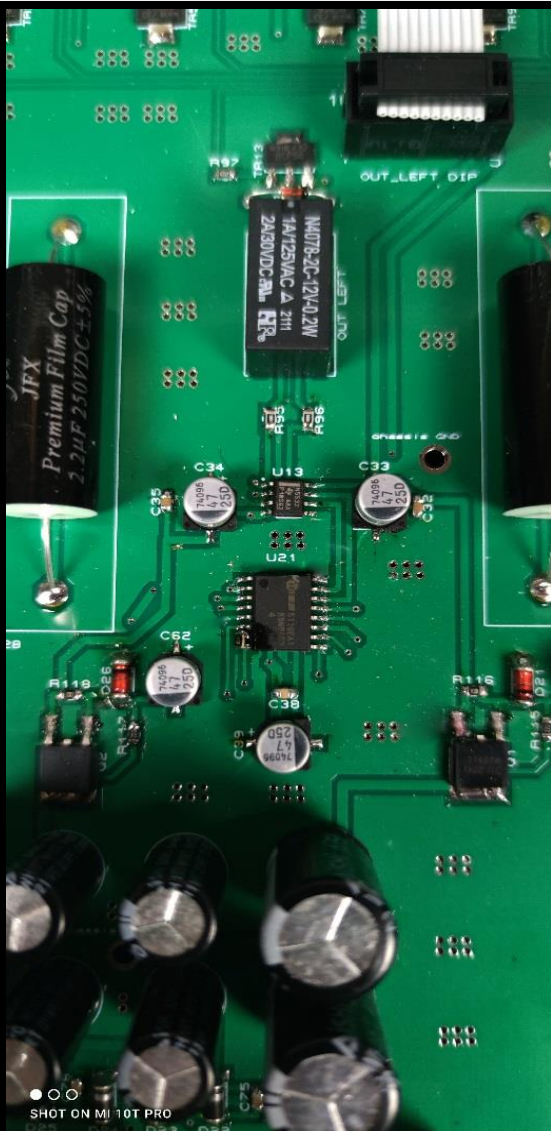
The balanced circuitry. It is our philosophy and we are proud to develop it to the best of our ability and always.

There are many conflicting opinions on this configuration. There are those who say that it is useless in the domestic environment, those who say that it degrades and dirty the sound, others that it only serves to determine a higher cost of the equipment for purely commercial purposes.

In part, all of this could only be true if this aspect of the project is neglected or poorly designed.

Recent technical field tests have also demonstrated that if the overall project is executed to perfection, the final result can be considered the maximum in terms of musicality, transparency and dynamics.

In the CLASSIC 202i nothing has been left to chance, starting from a dual mono power supply and circuitry up to the actual heart where each amplification section is double. including the innovative volume control that uses two separate stages for each channel on an array of digitally controlled MOSFETs. Furthermore, thanks to its native balanced nature, even single ended line inputs are entirely converted to balanced, including the PHONO RIAA stage. Simply put, you won't hear a more dynamic and transparent preamp than this one



The volume control section, a stage not to be underestimated.

The most delicate, fundamental part and to be treated with extreme care, because it is also this stage that overall determines the general performance of reproduction

Unlike many manufacturers who use classic motorized potentiometers, we have developed a completely different stage which guarantees the project a set of very important performance advantages. We have implemented gain control via an array of armored Mos-fets in a special IC which are controlled digitally. As a first factor, we have forever eliminated the wear of the carbon layer typical of traditional potentiometers and this forever eliminates the onset of the annoying Hum & Noise and Pop & Click that are inevitable with wear over time.

Another advantage that is often overlooked is the linearity of the response which is modified as the volume increases or decreases with the use of carbon layer potentiometers or even the more sophisticated resistor array potentiometers.

This happens when a resistance is found in the signal passing through the potentiometer which also modifies its impedance factor and which causes this artefact.

Thanks to our technology, however, this problem has been definitively eliminated because the signal does not see a resistance that varies as the knob changes but rather a network of mos-fet devices that act directly on the feedback of a high impedance and high bandwidth operational amplifier.

DAC section

202i is equipped with a latest generation DAC stage which further expands the inputs for new digital technologies. 3 additional inputs between USB, COAX and OPTICAL make the amplifier extremely versatile with a wide choice of connection options to best enjoy music from your favorite source.

Whether it is usable from streaming, from a CD player or from the television, with this section you will get the best in terms of reproduction and musicality.



The DAC reads files with conversion up to 384 KHz in PCM and DSD 256 in Dop or DSD 512 natively.

The DAC card can also be replaced and updated at any time to always have the latest innovations in the digital audio field at hand.

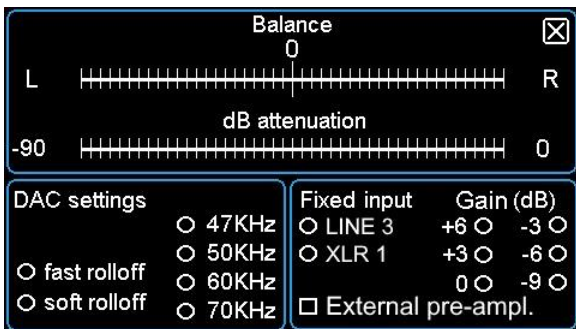


PRACTICAL AND FUNCTIONAL CONNECTIONS

The multiple connections make it versatile in any system as a pure integrated amplifier or even as a preamplifier / power amplifier by integrating it into already existing complex systems. To leave nothing to chance, the specific PRE-OUT and AMP-IN outputs can also be managed in a balanced connection and can be enabled from the practical touch screen display or remote control.

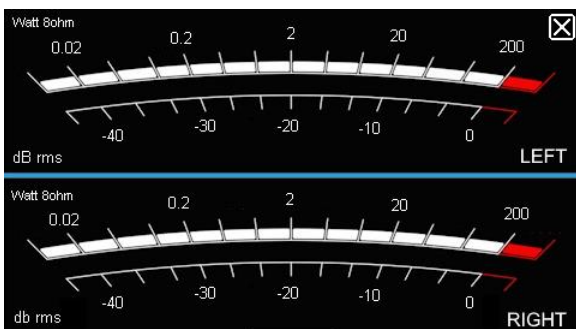


*All functions are visible on the main screen.
simple, intuitive, practical!*



From the SETTINGS menu you access the second page where you can set all the secondary functions, such as:

- DAC setting
- Input gain
- Fixed volume inputs for integration into audio/video systems
- EXTERNAL for use as a pure power amplifier or preamplifier



In another screen a practical and functional vu-meter to monitor the output level

datasheet

- Native balanced dual mono integrated amplifier
- RMS power for channel, both channel driven @ 1Khz
200 W @ 8 ohm
330 W @ 4 ohm
- EIA power per channel, both channels driven / 20hz-20 Khz.
280 W @ 8 ohm
420 W @ 4 ohm
- THD + N – weighted A - 0.003% a piena potenza su 8 ohm
- Input
2 ingresso bilanciato via XLR
3 ingressi linea
1 ingresso phono RIAA MM
1 ingresso AMP-IN selezionabile
- ouput
1 coppia di RCA PRE-OUT
1 coppia di Binding post 6mm
- input impedance :
47 Kohm via XLR , 22 Kohm via RCA
- Slew/rate
35 V/uS
- Frequency response
Da 20 hz a 90 Khz +/- 0.2 db
- Phono input
MM – 47Khom – 41 db gain
- DAC section
USB – 784 Khz pcm – DSD256 in Dop mode / DSD 512 nativo
COAX
Optical
- Channel separation > 80 db
- SNR weighted A >104 db
- Dimension 46 —x 42 x 13 cm. (P x L x H)
- weight 20 kg