

Quark: The bridge connecting a new wave of technology with broadcasting



Quark is a new and dynamic company boasting vast expertise, with its principle value being that of creating solutions which harmonize with the demands of broadcasting today.

Although Quark was founded only two years ago, its founder, Marco Merlo, prides himself with over a decade of experience within the field of broadcasting. Quark continually maintains momentum through focused in-depth research resulting in new dimensions of wave technology fully equipped and able to meet with the individual requirements of its clientele.

Marco Merlo has been assisted by the most reputable names within the broadcasting world who have allowed him to gain important insight and expertise.

His professional competence has allowed him to excel within the fields of electronics and telecommunications, enabling him to create complete package solutions characterized by the latest technology and guaranteed quality. Quark has two important aims:

to use sophisticated technology when creating "avant-garde" FM products and to think to the future, studying projects in order to produce transmitters and amplifiers which respond positively to the broadcasting requirements of today's ever-evolving world.

Focus on service

The Quark team is highly specialized in the system design, manufacturing and distribution of broadcasting. All the collaborators boast extensive experience within the field, experience which is translated, for the customer, into

guaranteed security and reliability. Every request is carefully

assessed by the technical staff, who study the feasibility and the time needed to complete the project. Therefore, besides the standard solutions, Quark Broadcasting also offers the possibility of personalized projects. The individualized packages are studied according to the requirements of the customer with the possibility of full installation by our qualified technicians. Thereafter, a complete after-sales support service is available, including on-site support within a 24-hour timeframe.

Products and quality

The company develops and produces apparatus for FM transmission and provides all the necessary tools for the effective functioning of radio and TV facilities, from audio mixers to antennas, from cables, connectors to tension stabilizers. The attention paid in the selection of technicians and engineers, and the investments in instrumentation allows Quark to obtain optimal, highly efficient equipment of supreme quality.

Our range of products includes the Falcon series, integrated emitters ranging from the smaller 25W to the more powerful 3000W integrated machine, and the Eagle series, amplifiers with the highest efficiency due to very low electrical consumption. They are

equipped with a new generation Cool-Fet. The Fox series composed of both amplifiers and exciters connected in a rack are simple to utilize and not necessarily calibrated. The Fox transmitters are supplied with a function that allows the system to operate on a reduced power level in the event of failure of one of the amplifiers. It is possible to install a changeover exciter unit that can recognize a malfunctioning of the main exciter and automatically disable and substitute it.

Quark is proud to introduce the new Fox 4kW, comprising three power switching supply with PFC and possessing the versatility to set-up the mono and three phases moving just the jumper. On the protection board of the Fox 4kW, there is a microprocessor supervising the functionality of the amplifier. In the event of an alarm, the output power surge is reduced without completely immobilizing the transmitter, thus guaranteeing continued operation at a lower power level, without damaging the active parts of the amplifier. The 4kW amplifier possesses the integrated telemetry system and SMS function, with the assurance of reliability, performance and RF

power of the highest levels. Moreover, all our products are very compact, lightweight and exceptionally efficient.

Competitive price

The Quark policy is to offer solutions of premium quality, technology and performance from its extensive product range, all at a competitive price, thus creating a feasible quality-to-price ratio with quality always at the forefront. The company's philosophy is to focus on the quantity of products sold instead of creating exorbitant prices to compensate for capital invested.

Market and distribution

Thanks to its philosophy, Quark has benefited in building a solid corporate client base within the Italian and foreign markets, which it continues to maintain through the rapport and respect it provides to all of its clientele.

Quark, through a selected network of professional dealers, distributes throughout the EU and USA and is currently expanding within the Asian market

All Quark products are made in accordance with CE certification and ETS (EN302-018)-EMC (EN 301489-11 - EN301489-1) - R&TTE - SAF (EN60065).



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