



Innovating for you



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Research and Innovation

These two central themes have always been behind Fagor Electronica's progress since it was set up in 1965, and have played a key role in the company's presence on the main world markets.

Its activity, as part of the Signal Processing Business Unit, focuses on the development and manufacture of **Electronic Components for the telecommunications sector**, mainly for use in homes and by communities, more specifically for:

- **TV RECEPTION:** systems for terrestrial and satellite Reception and Distribution of analogue and digital TV signals.
- **HOME AUTOMATION:** systems for security, communication and comfort for the automation of the intelligent home.

Fagor Electronica also operates other strategic Business Units, focusing on with a view to the future:

- Semiconductors.
- Electronic Manufacturing Services (EMS).
- Fleet management.



▲ Concern for innovation

Concern for innovation, something shared by the entire workforce, enabled Fagor Electronica to play a pioneering role in the development of the 1st Programmable Terrestrial Headend, a milestone in the TV reception market.

What's more, its **R&D teams** are playing an active role in different international **forums and projects** to develop:

- Reception of DTT services.
- DTT coverage in signal shadow areas.
- Portability in buildings.
- Wireless communications in the home environment.
- Technologies for the diffusion of audiovisual content to fixed/mobile terminals.



Modular headend system NEXUM series

S I G N A L P R O C E S S I N G



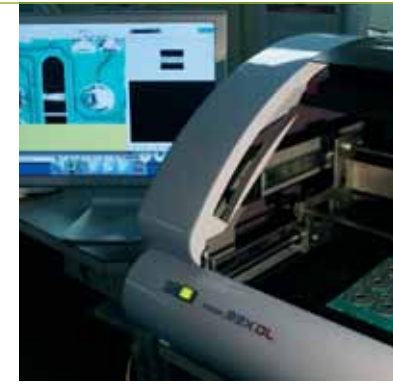
Programmable Selective Amplifier MicroMATV Futura

▲ In our processes, effectiveness

More than 40 years of **experience in electronics**, together with continual updating of production equipment and **constant training** for a highly specialised team, provide a high level of **technological capability**.

Effectiveness in applying these cutting-edge technologies and the systematisation of production processes come together at Fagor Electronica so that we stand out for launching products onto the market quickly and achieving the necessary time-to-market.

All this is controlled by an advanced, **customer-oriented system**, in line with the requirements of the EFQM model.



FAGOR ELECTRONICA is a dynamic company, with a high technological level and in constant evolution, which operates in accordance with strict criteria of control and process systematisation. All this leads to **revolutionary developments** like the MicroMATV Programmable Selective Amplifier, which now has a new version, MicroMATV Futura.



Mast amplification kit

▲ For our customers, **satisfaction**

Customer satisfaction at all levels is why we exist as a company. Our number one priority is to find out their needs and meet their requirements, with the foresight to go beyond even what they may initially need, and providing the resources to offer the **most advanced solutions** for the development of OEM products and systems. All based on close collaboration.

In terms of our people, commitment

The dimension achieved by Fagor Electronica on the international stage has been possible thanks to the high technical level of the people behind this joint project. A **highly professional team** of people with the **knowledge and experience** necessary to tackle the key challenges of the future with success, enhanced by a real willingness to learn and adapt to today's competitive market.



S I G N A L P R O C E S S I N G



Quality as our strategy

At Fagor Electronica, quality management is considered to be a top strategy, as the basis for solid and competitive development. A strong desire to improve has led us to obtain ISO 9001, QS 9000, ISO TS-16949 **quality certification** and ISO 14001 **environmental certification**, as well as the Silver Q from Euskalit based on an external assessment in accordance with the **EFQM model**. This all guarantees a reliable and sure response for our customers.

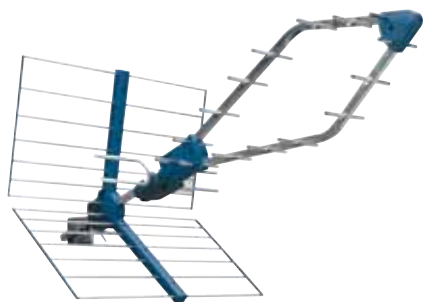
Fagor has also introduced a **3-year's WARRANTY** for all its Multi-processing system products.



DTT receiver- TEDI 100

TV RECEPTION signal control from top to

• SIGNAL RECEPTION



• ANTENNAS

Antennas for Terrestrial TV, both analogue and digital



• SATELLITE DISHES for SATELLITE TV

A full range of dishes suitable for both community and individual installations.

• SIGNAL PROCESSING



• TERRESTRIAL TV – COMMUNITY RECEPTION

Different amplification systems for community installations. From the Programmable Selective Amplifier –MicroMATV-, to the modular Nexum system.

• TERRESTRIAL TV – INDIVIDUAL RECEPTION

A wide range of products, for both indoor and outdoor units for individual TV installations.

bottom

• SIGNAL DISTRIBUTION



• MULTI-PROCESSING HEADEND SYSTEM

The ideal system for community installations, as under the same format it includes processing of: Terrestrial TV, Satellite TV, 1st IF Satellite TV, Digital Satellite TV, VSB Modulation...



• DISTRIBUTION COMPONENTS

Sockets, tap-offs, splitters, diplexers, cables... All the components necessary for distributing RF/1st IF signals.



• DISTRIBUTION AMPLIFIERS

The SABAL series of Amplifiers, the ideal solution for amplifying signals from head-end equipment and then distributing them to the end user.





HOME AUTOMATION

An evolutionary system

COMFORT

A whole range of basic home automation controls and motors, with their respective actuators, which enable lights and/or domestic appliances to be controlled.



Basic Home Automation Control



Power Home Automation Actuator



Basic Home Automation Actuator

CONTROL

The Maior-Domo® is the **home's control centre**, which provides users with full control over all the devices making up the Fagor Digital Home. It is an **advanced management system** that offers exhaustive control of the home. Wherever you are, you will receive an alarm warning if there is a water or gas leak at home, or unauthorised access.



Maior-Domo® Plus
Maior-Domo® Junior



Touch Screen

TECHNICAL SAFETY

With water and gas (natural gas, LPG, Co) leak detectors and their respective actuators to cut off supply.



Natural gas and CO detector



Water detector



Natural gas detector

HOME PROTECTION

A complete security system that detects the presence of intruders and generates local and telephone alarms and can connect to alarm



Power Max Pro
Professional Security Centre



Alarm reception terminal



Remote control keyboard



Smoke detector

that grows in accordance with users' needs

appliances to be turned on or off, blinds, awnings or doors to be raised or lowered, the temperature, watering



Motor Home Automation Control



Motor Home Automation Actuator



LPG detector



Gas shut-off home automation actuator



Water shut-off home automation actuator

arm reception centres.



Door/window open detector



Movement detector



Broken window detector



Barrier detector





▲ Backed by a **Leading Group**

Fagor Electronica is part of one of the leading business groups in Spain: the Mondragon Corporacion Cooperativa (MCC), a business group employing more than 100,000 people, in **210 companies**, with **a university, 11 education centres and 12 technology centres**, which provide work for more than 600 researchers.

Belonging to the MCC Group means sharing in the spirit of a group that **innovates**, promotes **internationalisation** and believes in a commitment to people to achieve maximum efficiency. Solid backing at all levels: financial, research, education and training...

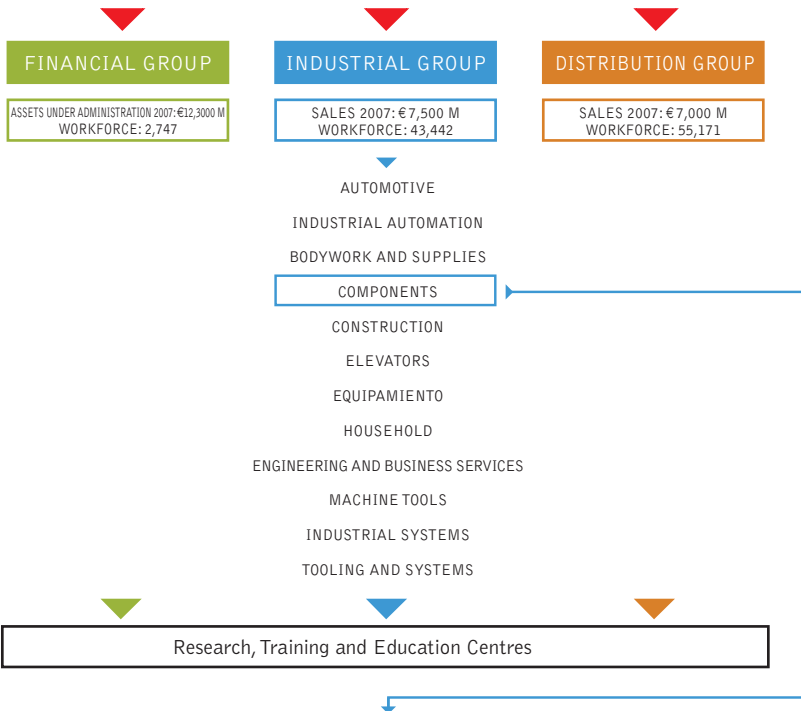
Fagor's active collaboration with various research centres and universities – Ikerlan, Ceit, Robotiker, University of Mondragon, etc. – enriches its ambitious work.



Covered by a worldwide network

Fagor Electronica's customers have the support of **an extensive sales network**, all over the world, and in Spain with offices with warehouses in all provinces, to provide solutions and guidance wherever necessary. This is how we meet the needs of those who put their faith in Fagor Electronica's ability to provide quality service.

SALES OFFICES IN FRANCE, GERMANY, ITALY, CHINA, HONG KONG, SINGAPORE, TAIWAN, USA
WE COVER THE REMAINING COUNTRIES BY MEANS OF AN EXTENSIVE NETWORK OF DISTRIBUTORS.



Within the Mondragon Corporación Cooperativa (MCC), FAGOR ELECTRONICA forms part of MONDRAGON COMPONENTES, a division with the main aim of DEVELOPING AN INTERNATIONALLY COMPETITIVE BUSINESS GROUP, WITH THE GOAL OF ACHIEVING A GLOBAL PRESENCE BY OFFERING AN INNOVATIVE RESPONSE TO OUR CUSTOMERS' NEEDS, IN THE WHITE GOODS, HOME COMFORT AND ELECTRONICS SECTORS.

