

# GENERAL CATALOG



## Power Saving Systems

Alfa Electronics developed the "Power Saving System" to be installed in hotel guest rooms in order to cut off the electric power after guests leave their rooms. The system is elegantly designed to suit different styles of interior decoration. It uses optically coded cards to prevent tampering and intentional overriding. The system is safe for users and can be integrated with other systems including room number and/or occupancy status and electronic "Don't Disturb" signs. The system has a magnetically coded version to work with electronic locks.

## Electronic Don't Disturb

This system is an efficient and elegant electronic alternative for the paper "Don't Disturb/Make up the room" sign used in guest rooms in hotels and touristic villages. The system has an indoor unit used by the guest to set the desired selection and an outdoor illuminating unit to display this selection.

## Banquet Displays

The banquet display is the latest technology to display and advertise facilities of hotels using a PC based controller with an elegant 42" plasma screen and a stand. The software allows the (user/ hotel) to customize and modify the contents of the displayed material either from the main control unit or remotely from any PC through the existing LAN network.

## Temperature And Humidity Displays

The temperature and humidity display is an electronic display that shows the outside Air Temperature and Relative Humidity by means of a sensor fixed outside facility buildings. The sensor measures the air temperature and relative humidity and sends it directly to a large electronic display inside the facility providing guests with the convenience of knowing the weather conditions without having to leave the premises.

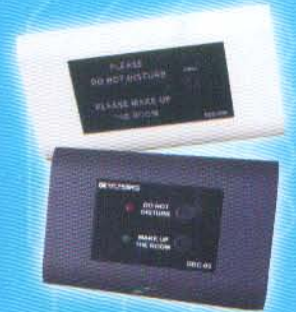
## Wireless Waiter Calling System

This system is designed to improve the quality and efficiency of the service in restaurants, coffee shops, clubs and office buildings...etc. It consists of elegantly designed wireless "Table Units" used by guests to call the waiter when a service is needed. Table Units can be in different shapes and can include a menu holder. These units are illuminated to indicate the customer request. A wireless "Receiver Display Unit" located in the service station displays the table numbers and sets an audio alarm to alert the staff. Upon completion of the service, the waiter resets the call from the table unit.

## Q.List

The Queue List is a civilized way for queuing customers to pick up their orders in fast food restaurants.

Customers pick up a numbered ticket upon order request. Once the order is ready, the order number is displayed on a screen showing that it is ready for pick up. If the order is not picked up, the number is moved to another part of the screen showing that is ready for pick up while the main screen shows the new finished order number.



## Electronic Rates Display Board (RATEX)

The RATEX Boards are for displaying numerical variable data such as foreign currency exchange rates, shares and funds, and price lists in large stores. It is used in banks, currency exchange offices, hotels, jewelry shops, fast food restaurants...etc.  
The RATEX is available in different models, colors and shapes. Adding a light sign or moving message is an option. It is remotely controlled; PC controlled and can be networked (for bank applications).



## Waiting Area Management System (WAMS)

Alfa Waiting Area Management systems "Queuing Systems" improve time management and discipline in public service areas. The systems maintain order and avoid dense queuing at service stations.  
Customers receive numbered tickets and are seated in waiting areas. Upon hearing an audio signal accompanied by the display of a ticket number, the customer then can proceed to the available service station.  
Alfa has developed several types of WAM systems to suit different applications and services. This covers all kinds of public service areas such as supermarkets, post offices, traffic control offices, embassies, clinics, banks, fast food restaurants, passport control...etc.



## Alfa Visual Information Station (ALVIS)

Alfa Information Channel is the most convenient way for displaying information to clients in banks, training centers, malls... etc. It can also be used as a banquet display in hotels.  
The Alfa Information channel is a PC based system where information can be customized upon clients' requests. It is easy to install and elegant in style. It can be connected to a LAN for remote content modifications.



## Visual recording security system (VIRSSY)

"VIRSSY" is a visual recording security system developed by Alfa to record "Snapshots" of passer bys through gates or entrances. The system keeps digital photo records of more than 20000 people thus can be used for security purposes. The system features auto and manual operation. It allows you to edit and create notes on each photo. It can also be integrated with "walk through" security gates.



## Marking Solutions

Alfa Electronics backed by its partner "IMAJE-FRANCE" provides a wide range of printers suitable for a variety of industrial applications, ranging from simple printers to comprehensive marking solution for sophisticated applications.

"IMAJE" products are designed to operate under most industrial conditions with a large selection of inks to suite printing on different materials.

This field of activity covers the industry of food, beverages, cosmetics, pharmaceuticals, plastics, cables, automotive parts and chemicals.



## Production Line Data Display

This system is developed to measure and display the performance of the production line(s) in manufacturing facilities. It is fed with information from a set of sensors installed on the production lines. The data is processed and displayed on "Jumbo Display Boards" indicating critical data such as current time, shift elapsed time,

targeted product count, actual product count, down time...etc. It assists the management team and supervisors to have real time monitoring information and alerts.



## Production Line Counters

This system consists of a series of counters connected to different output stations on the production line. The system is immuned against power failure and it is compact in size for easy installation.



## Quality Control Monitor

Quality monitoring and control system is used to weigh packaged products. This system is built to automate manual weighing to improve its efficiency and product quality. It also provides historical records for statistical purposes.



## Mini Labs

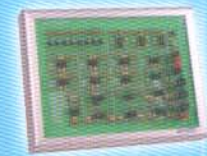
The Mini Lab is a portable unit containing all basic facilities needed to assemble and test different electronic circuits. It is accompanied with an educational manual illustrating more than 50 different experiments covering a wide range of circuits from very basic to ' professional levels.



## Digital Trainers

The Digital Trainer allows the user to understand the concept and the practical applications of digital circuits.

Circuits like: bit generator, logic probe, basic gates, flip flops, shift registers, digital to analog and A/D converters and seven segments display can be experimented with.



## Educational Kits

A wide range of "Do it yourself" electronic circuits are provided for amateurs to construct their own devices and circuits. Each kit includes the printed circuit board, the electronic components and a detailed drawing and catalogue to aid the understanding and assembly of the kit.

Alfa kits include different categories of circuits such as: audio, light, testing, alarm, and control circuits.



## Programmable Timer

The programmable timer is used to activate systems/alarms on prescheduled timings. The timer can be programmed to up to 96 different time settings on daily basis along one week. Due to its versatility of use and easiness of programming, this timer can be used in numerous applications including automatic control for apparatuses, advertising panels, school bells, factories shift alarm, auto lighting...etc.



## School Bus Indicator (Schoobi)

SCHOOBI is a compact device based on the GSM technology. It provides the customers with means to ensure the safety and convenience of their children and loved ones.

A wireless device is installed in all school buses sending a signal to parents notifying them that the school bus is approaching their area of residence by sending a missed call to the parents' mobile phone.

The system can support up to 10 zones for each line and up to 60 students per bus. SCHOOBI can report the bus location to the bus owner via SMS (optional). The applications of Schoobi can be extended to any other area that uses bus fleets.



## Nurse Calling System

This system is used to aid nursing staff in providing advanced and fast service to patients in hospitals, medical centers, assisted living and long-term care facilities. The system is easy and safe to use. It has an emergency call facility, nurse location indicator, in room call reset, and patient identification in multi bedded rooms. The system is modular with each module serving up to 6 rooms. Integration of any number of modules is also possible.



### 1. DCA

The DCA is a PC controlled audio amplifier system replacing the traditional public address amplifiers which contains mechanical controls. Due to its compactness and modularity, the DCA (s) can be either integrated in sound racks located in control rooms, or distributed over the public address network close to the loudspeakers, while still be controlled from a central station. It has self-diagnostic and fail safe features in addition to the possibility of software upgrades. The DCA can be controlled either via PC or through the DIMUSS when used as a sound source.

### 2. Dimuss

DIMUSS is used in sound racks to replace traditional sound sources (CD, Tapes, MD, etc...). It provides up to 7 sound sources simultaneously, which can be distributed to up to 31 different zones. More than 800 hours of sound records can be scheduled over the weekdays. It also has paging facility with zone selection; either through microphone announcement or prerecorded messages. Different versions are available for different application. DIMUSS is suitable for use in hotels, resorts, malls, administrative buildings...etc.

### 3. PASO

Alfa Electronics is the sole agent for PASO-ITALY the pioneer manufacturer of public address systems and sound equipments. PASO's line of products includes microphones, amplifiers, loudspeakers, conference management systems, voting systems, equalizers, message generators, voice and music broadcasting systems and much more. Alfa provides design service for the layout of suitable sound distribution systems and network with full after sales support.

## Access Control

As a total building solution, Alfa offers a cutting edge software and hardware technology featuring fingerprints and smart cards. Our customers depend on the integrated building access control system to manage and monitor their facilities. Our systems include standalone access control, network door access control, and time attendance systems.





### **Innovation**

Innovation is the main drive of the companies' success, thanks to the Engineering team and their responsive

marketing and sales personnel. Alfa's products are valued by the customers due to their great benefit and gain.



### **Safety**

Safety is part of our consciousness where all products and services are built and performed with high safety measures.

The protection of our customers, employees and third parties is well preserved.



### **Development**

The concept of total Quality in accordance with ISO 9001-2000 norms is applied across the organization.

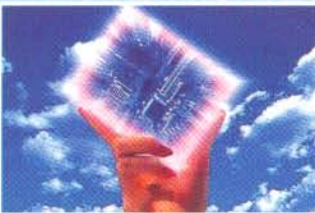
Commitment to maintain high Quality standards is the only way to secure the company's growth and future success.



### **Customer Satisfaction**

The company's slogan is Customers. This commitment starts from the early stage of market surveys to the everlasting

service relation. Our target is not only to satisfy our customers' needs but to exceed their expectations.



### **Quality**

The concept of total Quality in accordance with ISO 9001-2000 norms is applied across the organization.

Commitment to maintain high Quality standards is the only way to secure the company's growth and future success.



### **Customer Service**

Alfa is a Service oriented organization where customer support is of prime interest and concern of every employee of the

company. Modern service systems implemented by the company assure high quality service that is characterized by quick response and high efficiency.

### **"Customer Satisfaction and Beyond"**

**ALFA ELECTRONICS** has implemented a Computerized Maintenance Management System.

The CMMS is run by professional and highly qualified engineers and technicians.

The system generates statistics and reports enabling us to make failure analysis in order to improve our maintenance procedures and locate high problematic areas.

#### **Why** do we use the CMMS?

- To REDUCE total shutdown time of our systems to a minimum.
- To GUARANTEE detailed history record for every installed system.
- To GUARANTEE accurate follow up of the systems after repair.
- To PREDICT and repair failures before they occur.

### **Distributed by:**

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