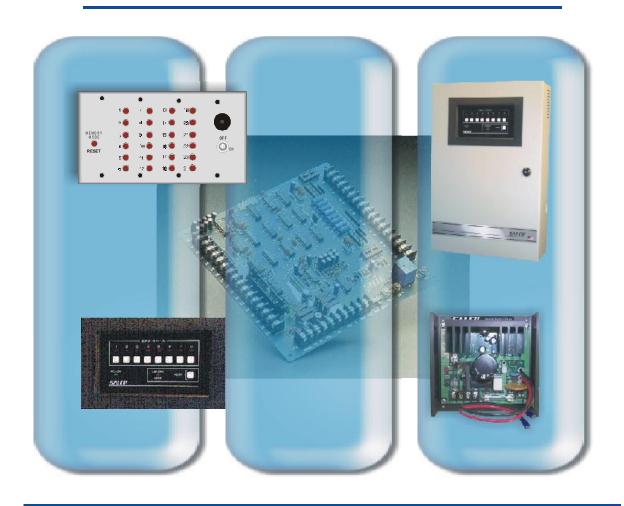


CATALOG 122

Multi-Zone Monitor / Annunciator System Components



Security Companies Using Salco Systems

ADT Security **Advantor Systems Corporation** Sensormatic Electronics Corporation Honeywell Inc Integrated Access Systems Inc Johnson Controls Inc Securitylink from Ameritech Robinson Alarm Company Siemens Building Technologies Inc Sonitrol Security Systems Wells Fargo Alarm Services Data-Watch Systems Simplex Time Recorder Diebold Inc **Chubb Security Systems** Video Master Inc



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ZONE ANNUNCIATOR / EXPANDER SYSTEMS

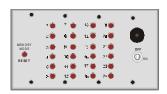
SALCO zone annunciator and expander systems have been functioning in the field for over thirty years. The systems accommodate normally open and normally closed protective loops simultaneously and common output relays with dry contacts easily interface with existing equipment.

Two Salco Zone Annunciator/Expander System Series are available as system components: the 700 Series and the CS-60 Series.

700 SERIES

The 700 Series features an array of components to satisfy standard and custom zone annunciation / bypass requirements at a very low cost. 700 Series processors can be added and interfaced to almost any control instrument panel including those with multiple zones, or employed as stand-alone proprietary systems. The eight zone processor boards can be combined for larger systems of up to 64 zones.

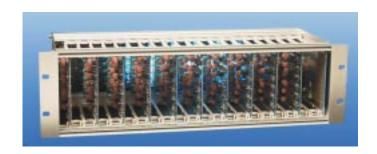




700-LT series control / display panels provide the user with system control and real-time status display at up to three remote locations. Violated zones are easily identified, and when unattended, a built-in memory feature "remembers" which zone or zones had a violation. Any number of zones can be independently bypassed and returned to normal from a remote panel by depressing a pushbutton. When bypassed, the LED lamp for that zone constantly flashes to alert monitoring personnel that the zone is out of service.

CS-60 SERIES ZONE ANNUNCIATOR

The CS-60 Series is designed for industrial applications and can monitor and annunciate the real time status of up to 60 sensor zones. The system features a standard 19" subrack enclosure with plugin cards for each six zones. There is one normally open and one normally closed common output relay for all sensor zones, an audible sounder indicating a change of

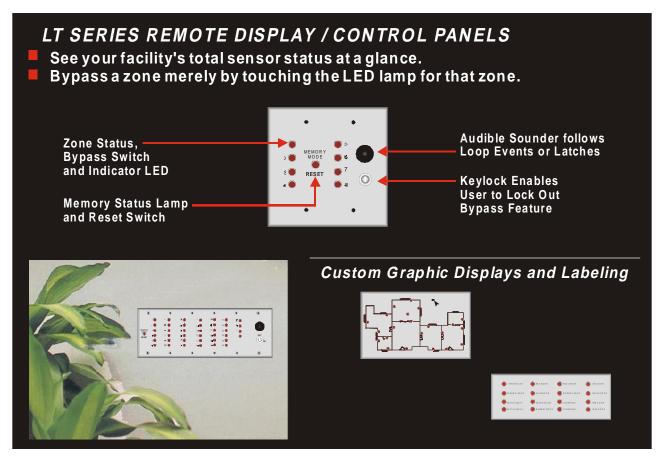


sensor zone status, a flashing LED whenever a sensor zone's status changes, and a pushbutton reset switch common to all sensor zones. Monitoring door status is a popular application for the CS-60 Series, however, almost any type of event can be monitored and the real-time status displayed on the display panel.



Annunciator Systems Main Features

	700 SERIES	CS-60 SERIES
LED LAMP FOR EACH ZONE	YES	YES
INDIVIDUAL ZONE BYPASS	YES	
INDIVIDUAL ZONE REMOTE BYPASS	YES	
OUTPUT RELAY COMMON TO ALL ZONES	YES	YES
INDIVIDUAL OUTPUT RELAY PER ZONE	YES	
PIEZO AUDIBLE	YES	YES
RESISTOR END-OF-LINE	YES	
RESISTOR END-OF-LINE FAULT ANNUNCIATOR	YES	



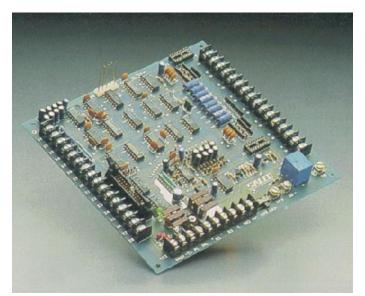


The following products comprise the 700 Series:

	Description	Model
	Processor Board for 8 Zones	701
===	Deluxe 8 Zone Remote Terminal	702
	8 Zone Annunciator Panel (701 & 702 in cabinet)	703
To the last	8 Zone Resistor End-of-Line Module	705
	8 Zone Voltage Output per Zone Module	707
(pulling)	8 Zone Contact Output per Zone Module	708
Noce	Resistor End-Of-Line and LED Annunciation	709
	Retriggerable Audible Module	716
	6" Flat Ribbon Cable	714
	18" Flat Ribbon Cable	715
	Metal Enclosures	718, 719, 720, 722
	Series of 8, 16, 24, 32, 40, 48, 56 & 64 LED Panels including Piezo & Bypass Keyswitch	770-8LT 770-16LT 770-24LT 770-32LT 770-40LT 770-48LT 770-56LT 770-64LT

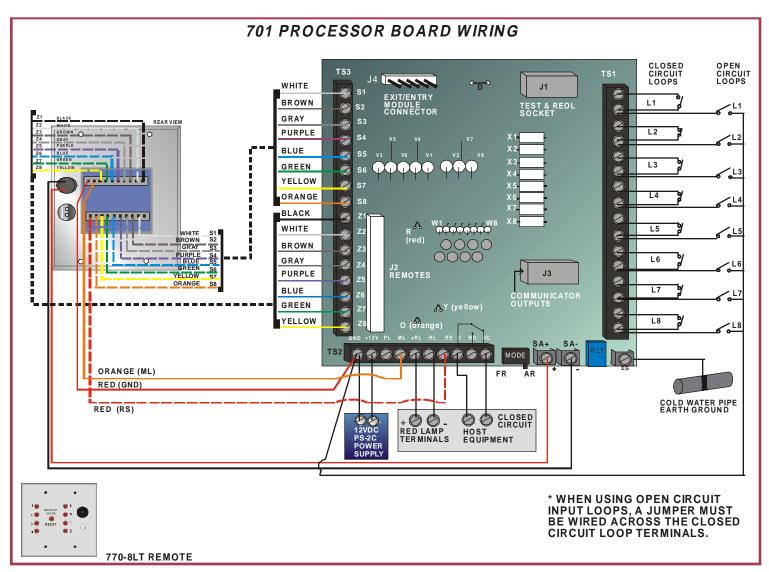


701 Processor



The model 701 processor board is an eight Zone Annunciator Expander with remote bypass capability. The 701 can be added to most existing alarm control instrument panels. One can determine immediately, by visual inspection, which protective zone has or has had an offense. Causes of false alarms due to swingers (intermittently faulty loop) can easily be isolated with built-in memory. For instance, the location of a door or window opening is easily determined by glancing at the illuminated LED.

The 701 processor board has four holes on the PC board to facilitate screw mounting into a steel cabinet. Double stick adhesive is also provided for convenience. The 701 Processor board has dimensions of 7 1/4" x 7 1/4" x 1 1/4" (18.42cm x 18.42cm x 3.18cm) and weighs 11 ounces.





701 PROCESSOR FEATURES

Built-In Output Relay Pulse Stretcher

An output loop pulse stretcher is incorporated in the 701 processor. Each zone can be programmed independently for an "instant" response of 20 milliseconds when using vibration contacts, window bugs, etc. A loop violation of 20 milliseconds, or longer, will cause an output relay change of state for approximately two seconds. This feature eliminates the added cost of purchasing expensive pulse stretchers per zone. To program for instant response, a 1 microfarad capacitor lead labeled X1, X2, X3, X4, X5, X6, X7, X8 is cut.

Remote Bypass

Any zone can be bypassed, or unbypassed, by depressing that zone's pushbutton on the remote LT series panel. Once bypassed, activity on that loop does not affect zone annunciator action or cause an alarm. A flashing LED on the LED panel indicates to the user the zone has been bypassed. A keylock switch which is used to prevent unauthorized persons from bypassing is also on the remote LED panel.

Any number of zones can be bypassed at any time with no affect on the remaining zones. An advantage of remote bypassing capability is that multiple bypass locations are possible by simply wiring in parallel additional LED and switch plates to the 701 processor board. Each time a zone is bypassed or unbypassed the output relay changes state for approximately two seconds, or more, realizing zone bypassing supervision. Zone bypassing supervision prevents the possibility of an unauthorized bypass or unbypass when the control processor is armed thus causing an alarm condition. Should the user desire No Alarm on bypassing, diodes labeled V1, V2, V3, V4, V5, V6, V7, V8 for each zone is cut.

Output Relay Contacts Common to all Zones

The 701 Processor board provides relay contact outputs (SPDT), common to all zones. The normally closed output contacts are supervised in that if power to the 701 processor fails the normally closed contacts open. The output relay contacts are rated for a maximum of 2 amperes at 28 Volts DC.

Output Relay Contact "Always Follow the Loop" per Zone Option

The 701 Processor board comes from the factory programmed so the output relay contacts always follow the loop activity. If a loop is violated, the output relay contacts change state and remain in the changed state until the loop is restored. Or, if the loop is violated only momentarily, say for 3/4 second, the output relay contacts will change state for about 2 seconds then restore due to the built-in pulse stretcher.

Momentary Output Relay Contacts

Individual zones can be programmed to provide a momentary output relay change of state for each zone violation. To select this option a diode is cut. If a loop is violated and remains violated, the common output relay changes state for two seconds then restores.

Latching Common Output Relay Contacts Option on Zone Violations

The 701 Processor board comes from the factory with the output relay state always following the protective loop violations. Option Y (yellow jumper wire) has been connected at the factory and consequently the common output relay will not latch. If relay latching is desired, the yellow option wire Y is cut and all zones will latch. Once a zone latches, the output relay can only be manually reset with the pushbutton reset switch provided the zone has restored.

Audible Piezo Driver Outputs

The 701 processor can drive three sound piezo audibles with the following two options:

1.When a loop is violated, the piezo sound device latches. Depressing the RESET switch resets the piezo sound device even if the loop remains violated thus allowing for subsequent loop violations to generate a sound alert.

2. The piezo sound device follows the loop. Also the audible piezo accommodates the retriggerable audible control module model 716 which enables the audible piezo to sound on a loop violation and on a loop restoral.



Remote Bypassing

- Manual Pushbutton switch per zone.
- Flashing LED's when zones are bypassed
- Supervised by passing, i.e., alarm upon by passing and unby passing when control is armed.
- Option enables no alarm on bypass and unbypass.
- Keylock bypass interlock available on 770 standard remote.

Eight Protective Loops

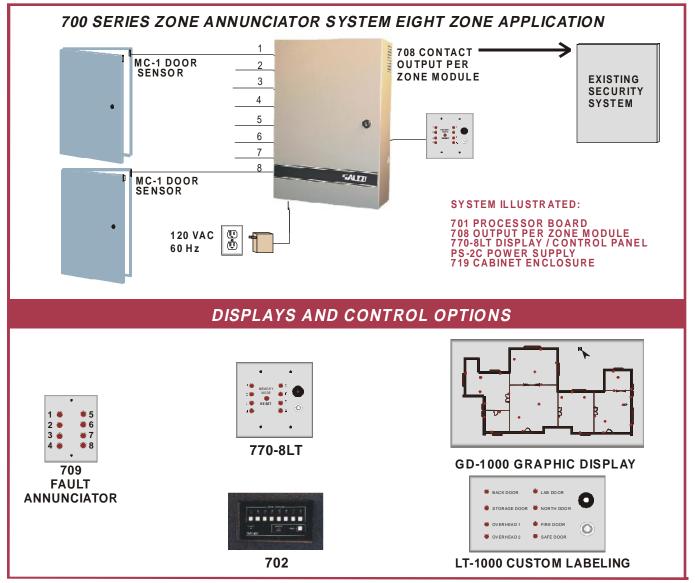
- Use on closed or open circuit loops.
- Loop hesitation per zone 1/2 second.
- Programmable instant response 20 milliseconds.
- Built-in pulse stretcher per zone.
- End-of-line Resistor loop accessory model 705 available as a plug-in option.
- Supervised End-of-Line resistor loop and LED fault annunciation Model 709 available as an option.

Memory

- Automatically goes into memory mode when associated control processor is armed and remains in the memory mode when disarmed. RL terminals on the processor board are used for this function.
- AR-FR slide switch chooses between AR Auto/Reset mode or FR memory mode.

LED Driver Outputs

■ LED driver outputs drive a maximum of three eight zone LED remote stations.



702 Deluxe Remote Terminal







702 Annunciator Features:

- Attractive flush mounted terminal.
- LED per zone, Memory mode LED, Power ON LED.
- Pushbutton Bypass Switch per Zone and common Reset Switch.
- Entry Alert Piezo Device.
- Connect with Flat Ribbon or 22 conductor Cable.
- Terminals to parallel a piezo device.
- Bypass Interlock Terminal.

The 702 Deluxe Remote Terminal is a flush mounted remote annunciator with eight zone LED's and eight bypass pushbutton switches, a memory mode LED, and a Power On LED. Any zone can be bypassed with the individual non-locking pushbuttons on the 702 terminal. When bypassed the LED for that zone flashes to inform the user that the zone is out of the system. Up to three 702 remote terminals can be connected in parallel. The terminal dimensions are 7.9" x 5.9" x 1.4" (20cm x 15cm x 3.5cm). Each remote terminal comes complete with hardware for flush mounting (22 conductors required).



Applications: Guard Stations

Warehouses
Schools
Department Stores
Museums
Nursing Homes
Hospitals, etc.

The 703 eight zone Annunciator Panel comprises the 701 Processor board, the 702 Deluxe Remote Panel, and the 719 Metal Enclosure. The 703 functions as an eight zone audible and visual annunciator system with LED annunciation, bypassing capability, and reset capability, all located on the front display panel. Additional remote stations can be added for more flexibility. The 703 can interface with most existing control instrument panels. The physical dimensions are 15 1/2" x 11" x 4 1/2" (39.4cm x 28cm x 11.4cm).

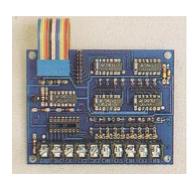




705 Resistor End-of-Line Features

- Converts simple protective loops of the 701 Processor Board to 1000 ohm resistor end-of-line loops.
- Plugs into jack J2 on 701 Processor Board.

The 705 resistor End-Of-Line module converts the simple protective loops of the 701 Processor to a Resistor End-of-Line loop for all eight zones. The physical dimensions are $3\,3/4$ " x $2\,9/16$ " x 1/2" (9.5cm x 6.51cm x 1.27cm). Each 705 module comes complete with a 714 flat ribbon cable.



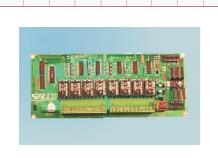
707 Voltage Output per Zone Features

- Output Voltage can follow Loop Violation and Restoral.
- Output Voltage can latch.
- Voltage Output per Zone only when ControlInstrument is ARMED.
- 24 Hour Trigger on any zone (Link Optional)

The 707 Voltage Output per Zone module provides an output voltage per offending zone for triggering digital communicators or other general purpose devices. The physical dimensions are 2 1/2 " x 3 3/4" x 1/2" (6.35cm x 9.53cm x 1.27cm). Each 707 module comes complete with a 714 flat ribbon cable. Inserts into jack J3 on 701.

708 Contact Output per Zone



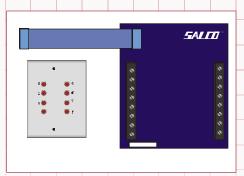


708 Contact Output per Zone Module

- All the features of the model 707 but with contact output per Zone.
- SPDT 2 amp 24 volt DC relay contacts per zone.
 - Plugs into jack J3 on 701 Processor Board.

The 708 module provides a single pole double throw (SPDT) dry relay contact per offending zone capable of supporting 2 amps at 24 volts DC. The physical dimensions are 8.4" x 3.6" x 1.25" (21.34cm x 9.14cm x 3.18cm). Each module comes complete with a 714 Flat Ribbon Cable.

709 End-Of-Line Fault System



709 Resistor End-of-Line Fault System

The 709 Resistor End-of-Line (EQL) system comprises a 709 module, an eight zone end-of-line fault indicator panel, a flat ribbon cable six inches long, and eight EOL resistors. The EOL fault indicator LED panel is made of a single gang brushed stainless steel plate. The EOL fault indicator LED's illuminate and remain illuminated whenever there exists a fault on a

protective loop. A loop fault is defined as an open loop to the 701 processor board. Loop sensors are normally open contacts. A loop violation is defined by a closed sensor contact. Therefore, loop violations are displayed on the standard 770-LT series of annunciator panels and loop faults are displayed on the EOL fault indicator panel. The 709 module and display panel are powered by the 5 Volts DC from the 701 processor board. Physical dimensions of the 709 module are 3.75" x 3.75" x 1" (9.52cm x 9.52cm x 2.54cm).

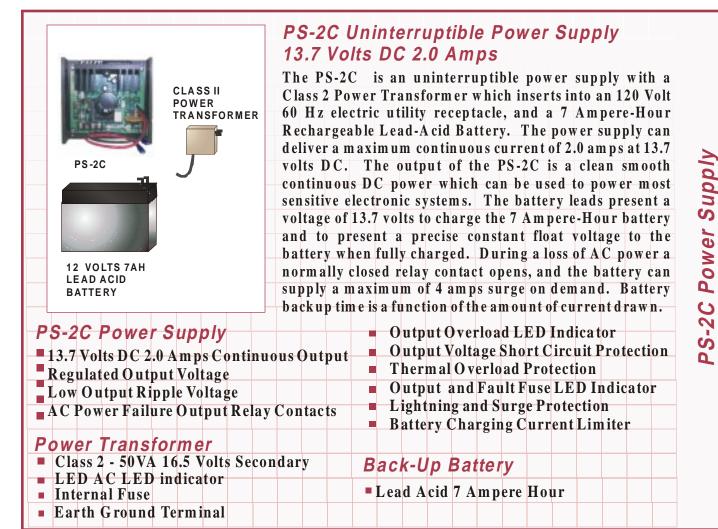






The 716 module enables the audible to latch on a loop violation and latch on a loop restoral. For both a loop violation or a loop restoral, the audible will sound until the reset switch is depressed momentarily. The physical dimensions are 1.8" x 1.8" x 1/2" (4.57cm x 4.57cm x 1.27cm). Ideal for guard stations. Each 716 module comes complete with a 714 flat ribbon cable.







714 Cable

The 714 flat ribbon cable measures 6" and is used to connect the 701 processor board to any of the 700 Series optional plug-in boards.



715 Cable

The 715 flat ribbon cable measures 18" in length and is used to connect the 701 processor board to any one of the 700 Series optional plug-in boards.

Keylock Cabinet Enclosures

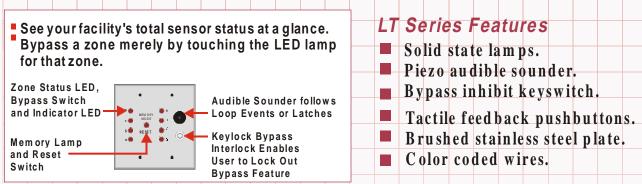
The beige colored multi-purpose cabinets are made of 18 gauge steel and have ventilation slots. The door has piano-type hinges and a keylock.



718	CABINET DIMENSIONS	11" X 11" X 3.5"
719	CABINET DIMENSIONS	18.25" X 12.25" X 4.37"
720	CABINET DIMENSIONS	19" X 19" X 4.25"
722	CABINET DIMENSIONS	32.25" X 19.20" X 4.30"

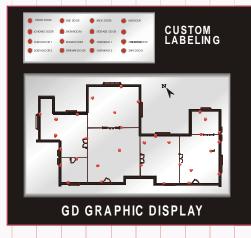
LT Series Remote Control / Display Panels





LT series remote display / bypass panels have a combination pushbutton switch / LED lamp for each zone, a piezo, a keyswitch and a reset LED lamp / pushbutton switch all mounted on a stainless steel plate. When a door opens and remains open, it's LED lamp illuminates, extinguishing when the door is closed. The LED / pushbutton switch is used to bypass a zone, when bypassed the LED flashes indicating the door is out of service. The keyswitch is used to prevent unauthorized bypassing. The audible piezo sounds when a door opens and remains sounding until the door is closed. A mode is possible where when a door opens and closes again, the lamp remains illuminated and the piezo sounds until both are manually reset. When reset, the lamp indicates the true state of the door.

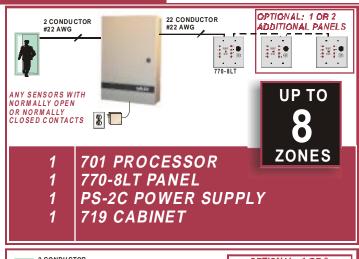
1 mars 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.63 X 4.50	8 1	11.75 X 4.50
	8 ZONES		40 ZONES
770-8LT	21 CONDUCTORS	770-40LT	85CONDUCTORS
10 10 10 10 10 10 10 10 10 10 10 10 10 1	6.38 X 4.50	15 8 8 8 8 8 10 11 11 11 11 11 11 11 11 11 11 11 11	11.75 X 4.50
	16 ZONES		40.70NFC
	37 CONDUCTORS	* * * * * * * *	48 ZONES
770-16LT		770-48LT	101 CONDUCTORS
**************************************	8.25 X 4.50	8	13.63 X 4.50
** * ** *** *** *** *** *** * *** *** *	24 ZONES		56 ZONES
770 041 T	53 CONDUCTORS	770 FOLT	
770-24LT	33 COND 00 TOKS	770-56LT	117 CONDUCTORS
10	10.0 X 4.50	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15.50 X 4.50
*** 6 1 10 12 14 14 14 10 € 14 14 14 14 14 14 14 14 14 14 14 14 14	32 ZONES	100 100 100 100 100 100 100 100 100 100	64 ZONES
770 221 T	69 CONDUCTORS	770 641 T	133 CONDUCTORS
770-32LT	03 00 ND 00 10 N3	770-64LT	100 00110101010

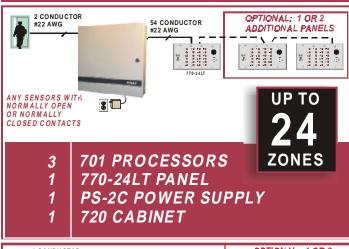


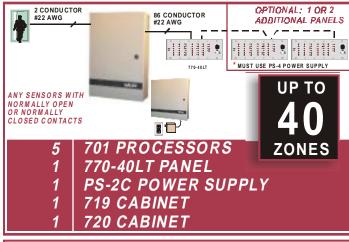
Custom Graphic Displays

See your facility's total sensor status at a glance with our LT type custom graphic displays. Bypass a zone merely by touching the LED lamp for that zone. Submit an exact camera ready print of your facility layout and our custom department will fabricate an exact copy of the print submitted onto a brushed aluminum panel. Custom labeling is also available.

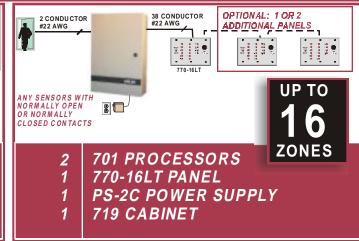


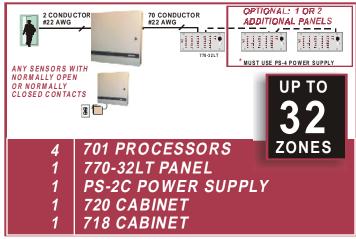




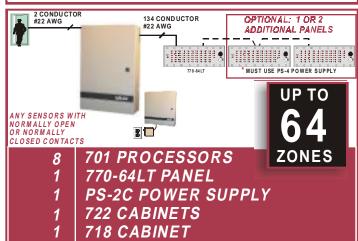




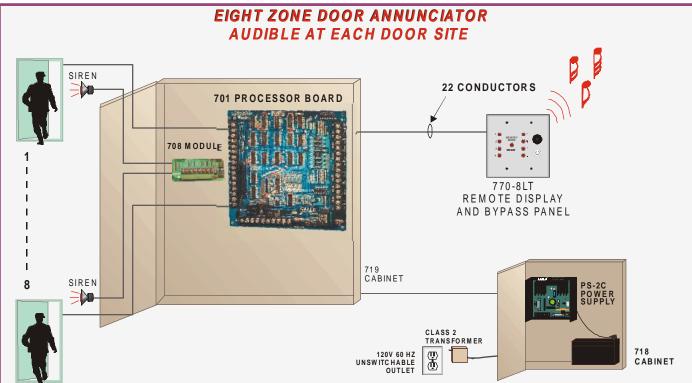












System General Description

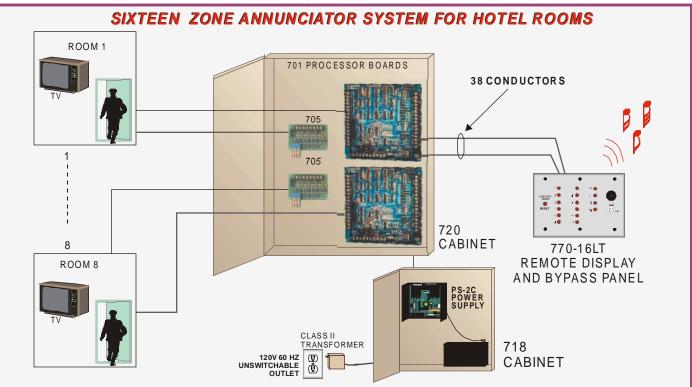
The eight zone door annunciator system with remote bypass comprises the 701 processor board, the PS-2C power supply, the 770-8LT remote display / bypass panel, the 708 contact output per zone module and 718 and 719 cabinets. The 701 processor board is wired directly to doors employing either normally open or normally closed door contacts. The two conductors to each door switch should be 24 gauge AWG or heavier, and the total resistance per protective loop should never exceed 250 ohms. The output of the 701 processor board is wired directly to the 770-8LT remote display and bypass panel employing 22 conductors with 22 gauge AWG or heavier, and the total length of the 22 conductor cable should be no more than 200 feet. The 719 cabinet houses the 701 processor board and the 708 module, and the 718 cabinet houses the PS-2C power supply board and the 7 ampere-hour battery.

708 Contact Output per Zone Module

The 708 provides a relay contact per door zone. When a door opens a relay contact closes which can be used to supply low voltage to a siren driver located at each door site. Therefore, only the siren at a door which opens will sound. When the door closes the sound will stop. A separate power supply must be used to power the door sirens. DO NOT connect sirens to the PS-2C power supply which is supplying power to the 701.

- 1 701 Processor Board
- 1 770-8LT Remote Display
- 1 PS-2C Power Supply
- 1 708 Contact Output per Zone Module
- 1 718 Cabinet
- 1 719 Cabinet





System General Description for Sixteen Zones - Eight Doors and Eight TV Sets

The sixteen zone annunciator system with remote bypass, comprises two 701 processor boards, a PS-2C power supply, a 770-16LT remote display and bypass panel, two 705 end-of-line resistor modules, 718 and 720 cabinets. Eight zones of the 701 processor boards are wired directly to eight doors employing normally open contacts. The two conductors to each door switch should be 24 gauge AWG or heavier, and the total resistance per protective loop should never exceed 250 ohms. Eight zones of the 705 end-of-line resistor are wired directly to eight TV sets with a terminating resistor. The outputs of both 701 processor boards are wired directly to the 770-16LT remote display and bypass panel employing 38 conductors with 22 gauge AWG or heavier, and the total length of the 38 conductor cable should be no more than 200 feet.

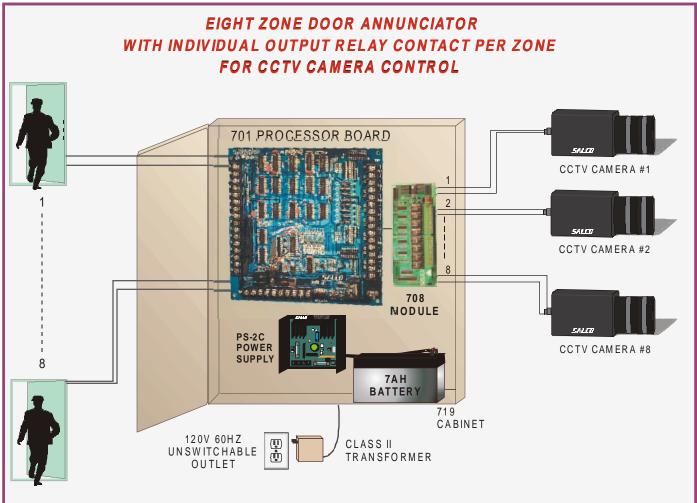
705 Resistor End-of-Line Modules

Eight zones of the 705 module are connected to eight TV sets end-of-line resistor and eight zones are connected to the door contacts which all terminate on the 701 processor boards.

The 720 cabinet can house two 701 processor boards and two 705 End-of-Line Resistor boards, the PS-2C power supply board and the 7 ampere-hour battery are housed in the 718 cabinet.

- 2 701 Processor Boarda
- 1 770-16LT Remote Display
- 1 PS-2C Power Supply
- 2 705 End-of-Line Resistor Modules
- 1 718 Cabinet
- 1 720 Cabinet



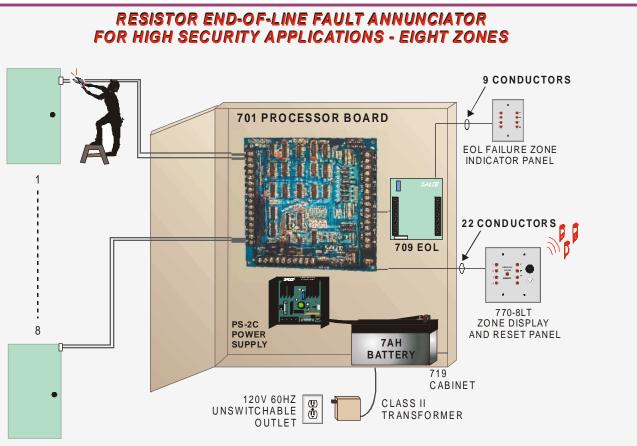


System General Description

The eight zone door annunciator with individual output relay contact per zone for CCTV camera control comprises the 701 processor board, the PS-2C power supply, the 708 contact per zone module, and the 719 cabinet. The 701 processor is wired directly to door or other type sensors employing either normally open or normally closed door contacts. The two conductors to each door sensor switch should be 24 gauge AWG or heavier, and the total resistance per protective loop should never exceed 250 ohms. When a door opens a relay contact closes which can be used to activate its respective CCTV camera. Therefore, only the CCTV at a door which opens will activate. The cabinet houses the 701 processor board, the 708 module, the PS-2C power supply board, and the 7 ampere-hour battery.

- 1 701 Processor Board
- 1 PS-2C Power Supply
- 1 708 Contact Output per Zone Module
- 1 719 Cabinet





The resistor end-of-line fault annunciator for high security applications comprises the 701 processor board, the PS-2C power supply, the 709 board, the EOL failure indicator panel, the 770-8LT zone display and reset panel, and the 719 cabinet. The 701 processor is wired directly to door or other type sensors employing normally open door contacts. The two conductors to each door sensor switch is terminated with and end-of-line resistor and should be 24 gauge AWG or heavier, and the total resistance per protective loop should never exceed 100 ohms. The 719 cabinet houses the 701 processor board, the 709 board, the PS-2C power supply board, and the 7 ampere-hour battery.

EOL Failure Indicator Panel and Zone Display and Reset Panel.

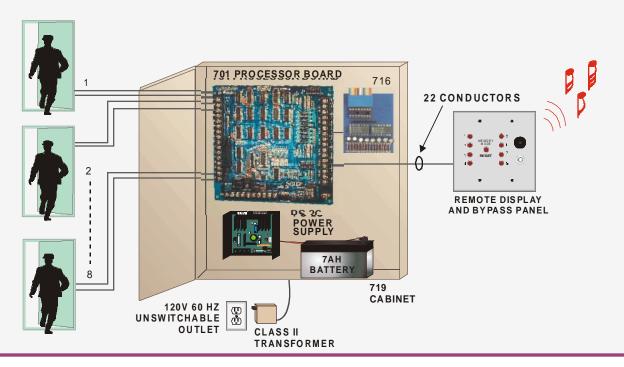
The EOL failure indicator panel lamps illuminate and remain illuminated whenever there is a fault on a protective loop. A loop fault is defined as an open loop such as when the loop is cut. The zone display panel indicates the status of the sensors connected to the protective loops. Normally open sensor contacts are used and a violation is defined when a contact is closed. Therefore, loop violations and restorals are displayed on the 770-8LT zone display and reset panel, and loop faults are displayed on the end-of-line failure indicator panel.

- 1 701 Processor Board
- 1 770-8LT Remote Display
- 1 PS-2C Power Supply
- 1 709 System (includes 709 board and EOL failure zone indicator panel)
- 1 719 Cabinet



RETRIGGERABLE AUDIBLE SOUND AND LAMP DISPLAY WITH MANUAL RESET - EIGHT ZONES

UP TO EIGHT DOORS, WINDOWS OR ANY END USER CONTACT SENSORS



The retriggerable system comprises the 701 processor board, the PS-2C power supply, the 716 board, the 770-8LT remote display, and the 719 cabinet. The 701 processor board is wired directly to doors, showcases, gun racks, or other applications, employing normally open or normally closed sensor contacts. The two conductors to each sensor should be 24 gauge AWG or heavier, and the total resistance per protective loop should never exceed 250 ohms. The cabinet houses the 701 processor board, the 716 board, the PS-2C power supply board, and the 7 ampere-hour battery.

On any sensor event, violation or restoral, the audible will sound and remain sounding until manually reset. For example, when a door opens, the audible sounds and remains sounding, and the LED lamp for that sensor illuminates and remains illuminated, until the system is manually reset. After reset, the lamp indicates the true status of the door sensor, if the door is still open the LED lamp will be illuminated. When the door is closed the LED lamp will be extinguished and the audible will once again sound until manually reset. Also, after reset, when the door closes, the audible sounds and remains sounding and the LED lamp will extinguish.

- 1 701 Processor Board
- 1 770-8LT Remote Display
- 1 PS-2C Power Supply
- 1 716 Retriggerable Audible Control
- 1 719 Cabinet



CLINIC STATUS SYSTEM



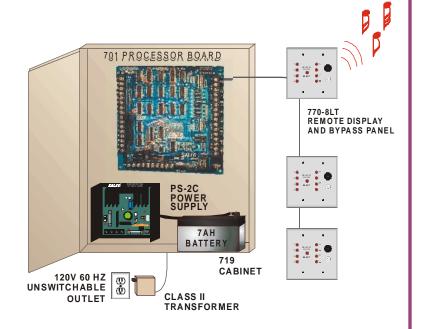








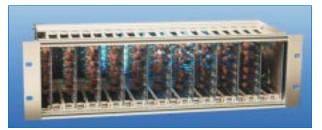
The Clinic Status System annunciates when a professional is with a patient, using annunciator panels in each room. When a pushbutton is depressed, a lamp illuminates flashing on all the panels in the system. When the professional is subsequently free, the same pushbutton is depressed and the flashing LED stops flashing on all the panels. The information broadcast can be made completely silent or audible. Many other operational uses are possible to broadcast information to all appropriate rooms in the facility. The System comprises the 701 processor board, the PS-2C power supply and up to three 770-8LT standard panels or custom made stainless steel panels for your specific application. Consult the factory for your specific requirements.



- 1 701 Processor Board
- 3 770-8LT Remote Displays
- 1 PS-2C Power Supply
- 1 719 Cabinet



CS-60 SERIES



CS-60 MULTI-ZONE ANNUNCIATOR

The semi-custom CS-60 system is a cost-effective solution to multiple zone annunciation, and was specifically designed for industrial applications such as warehouses, hotels, schools, healthcare facilities, etc. The system can monitor any number of protective loops from 6 to 60.

For each 6 zones monitored a plug-in card is inserted into a 19" rack. All loops are terminated on the back plane of the rack. A remote LED panel display has 6 to 60 LED's depending on the number of zones in the application. Common output normally open and normally closed contacts can interface with an existing host system.

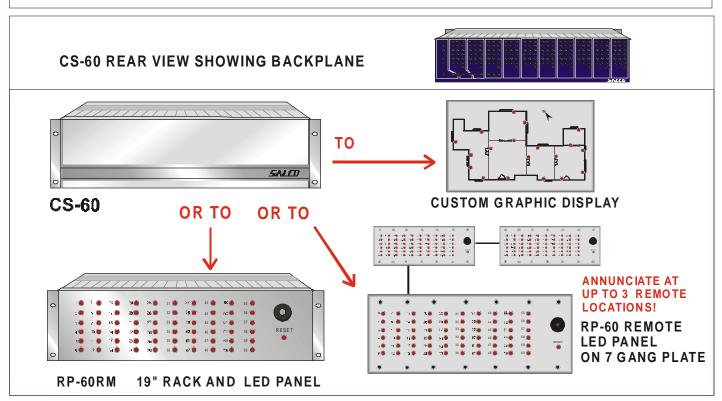
OPERATION

Upon a loop violation - a door opens for example - the LED lamp for that door constantly flashes and a piezo audible constantly sounds. A common pushbutton reset switch silences the audible and places the violated zone in the auto-reset mode yielding the true status of the violated zone. As long as the zone is violated the LED lamp for that zone remains illuminated. The next zone which becomes violated can be immediately identified with its flashing LED and the audible sounding to attract attention. Previously violated zones will have their LED's illuminated indicating their doors are still open. When a door closes again - a zone is restored - the LED for that zone flashes, and the audible sounds. By depressing the Reset switch, the flashing LED will extinguish indicating that the zone is now restored.

FEATURES

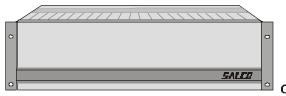
- Closed or Open Protective Loops.
- Pushbutton Reset for Loop Status.
- One Common control plug-in card.
- 6.8 14 Volts DC Operation.

- Flashing LED Memory and audible upon violation.
- Standard 19" Rack ANSI/EIA RS-310-C.
- High Density Screw Terminal Backplate.
- Optional 19" cabinet enclosure available.
- Remote standard LED display Model RP-60 mounted on 7 gang stainless steel plate.
- Plug-in 6 zone circuit cards (PC6) for modular plug-in zone expansions (Max 10 per rack).





CS SERIES SYSTEM COMPONENTS

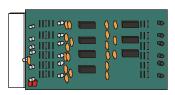


CS-60

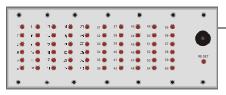
Enclosure: Standard Rack ANSI/EIA RS-310-C **Size:** 19" x 7 3/4" x 5 1/4" (including backplane) and common control card.

CS-60 REAR VIEW
SHOWING BACKPLANE
AND 19" RACK FOR 60 ZONES
LOOPS AND LED TERMINATIONS





PC-6 PLUG IN CARD 6 ZONES EACH INSERTS INTO THE CS-60 19" RACK



RP-60 60 ZONE ANNUNCIATOR LED PANEL ON 7 GANG PLATE



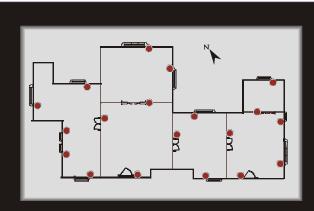
ANNUNCIATE UP TO 3 REMOTE LOCATIONS!

The RP-60 display panel can be the standard 60 zone LED panel or a custom made LED panel for your specific application. The LED's, piezo, and reset pushbutton switch are mounted on a 7 gang stainless steel plate.



RP-60RM LED PANEL 60 ZONES FOR 19" RACK

The RP-60RM LED panel mounts in a standard 19" rack. 60 LED's, a piezo, and pushbutton switch are mounted on an aluminum panel. Custom made LED panels for fewer zones are available for your specific applications. Physical dimensions are: 16.75" x 5.25" x 0.25" (42.55cm x 13.33cm x 0.635cm)

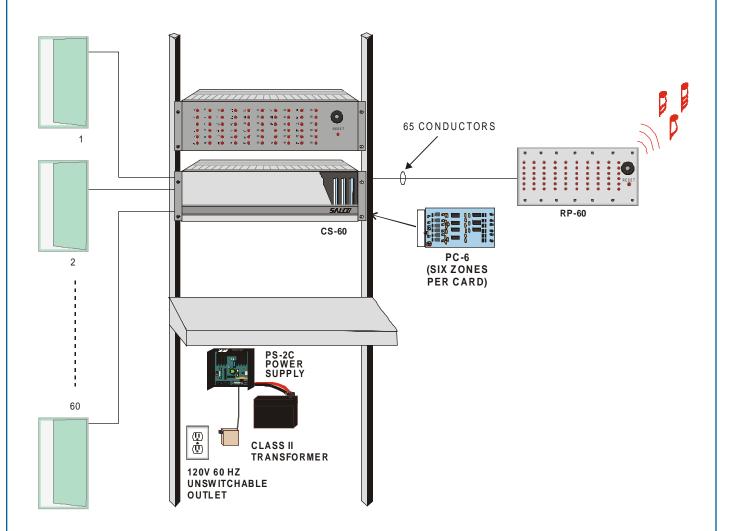


CUSTOM GRAPHIC DISPLAY

Submit an exact camera ready print of your facility layout and our custom department will fabricate an exact copy of the print submitted onto a brushed aluminum panel. Custom labeling is also available.



INDUSTRIAL DOOR ANNUNCIATOR FOR SIXTY DOORS



The industrial door annunciator comprises the model CS-60 processor for mounting in a standard 19" rack, the PC-6 six zone processor boards, and the RP-60 display panel, and a PS-2C power supply. The display panel is mounted on a seven gang stainless steel plate or can be custom made for your specific application to mount in a standard 19" rack or graphic display. When a door opens, the LED lamp for that door flashes on and off and the audible sounds. The flashing LED lamp and the sound is stopped by depressing the Reset switch. After reset, the LED lamp subsequently shows the true status of the door. If the door remains open after reset the LED lamp will be illuminated, if the door is closed after reset the LED lamp will be extinguished. Given the scenario where ten doors are open, ten LED lamps will be illuminated on the panel. When another door opens, the LED lamp for that door flashes and the audible sounds to attract the attention of the attendant. Glancing at the display panel the attendant can see which door currently opened because of the flashing LED lamp differentiating from the lamps for the ten opened doors which are illuminated. The system can interface with your existing security system.



SYSTEM CS-60/C



Applications:

Mini-Storage Facilities

Warehouses

Schools

Department Stores

Museums

Nursing Homes

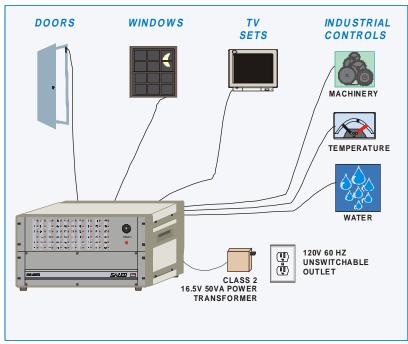
Hospitals, Etc

SYSTEM FEATURES:

The system CS-60/C monitors 60 normally open or normally closed sensor contacts. Almost any type of sensor which has an output relay contact can be monitored by the CS-60/C. The system is prewired and requires field wiring of two conductors per sensor to screw terminals on a high density backplane.

The system is in a cast aluminum cabinet with a removable back cover, anti-sliding feet for desktop placement, and shaped depth carrying handles. The cabinet houses ten six zone circuit cards and one common control card.

Upon a sensor violation its respective LED lamp flashes and a piezo audible sound-alert remains sounding. A common pushbutton reset switch silences the audible sound and the LED lamp yields the real time true status of the violated sensor. if the violated sensor remains violated the LED will remain illuminated. If the violated sensors has restored the LED will be extinguished.



- Closed or Open Protective Door Circuit Loops
- Flashing LED and Audible upon Violation
- Push-button Reset for Real Time Sensor Loop Status
- Standard 19" rack technology ANSI/EIA RS-310-C
- High Density Screw Terminal Backplane
- 12 Volts DC Operation
- Plug-in 6 zone circuit cards (PC-6) for modular adaptability (maximum 10 per rack)
- Table Top Placement
- Anti-Slip Rubber Feet
- Shaped Depth Carrying Handle
- Pre-wired ready for field wiring.

MasterCard

VISA



ORDER PLACEMENT

Product orders can be placed by calling the Order Desk at 941-377-7717 or by facsimile at 941-379-9680.

PAYMENT TERMS

NATIONAL ACCOUNTS:

All new accounts will be on a C.O.D. basis, cash or certified check. A credit application can be processed after a purchase history having a total volume of \$5,000.00. On open credit accounts our standard terms of sale are net 30 days following the date of the invoice. There are no discounts for early payment. We accept Visa or Mastercard.

INTERNATIONAL ACCOUNTS:

SALCO also accepts orders from other countries. International orders will be processed on receipt of a Cashier's Check in U.S. funds or a direct wired Telegraph Transfer (TT) to our U.S. bank.

INTEREST ON PAST DUE ACCOUNTS:

Interest at maximum legal rate or 1 1/2% per month, whichever is lower, may be charged on overdue accounts and such amount will be charged from the date the account became overdue.

MINIMUM ORDER

The minimum acceptable order is \$25.00.

PRICES

Prices are subject to change without notice. Those in effect when we receive your order will apply. All prices are in U.S. currency, F.O.B. Sarasota, Florida.

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- 1. Ground Service (**Brown Label**) Delivery is approximately 2 to 7 working days for most of the continental United States and some parts of Alaska and Hawaii. The cost of Ground Service is the most economical of all three services.
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RETURN OF MERCHANDISE

Merchandise for repair should only be returned, shipping charges prepaid, after a Return Authorization Number has been granted by SALCO. All returns are subject to transportation charges. Defects and shortages must be reported within three days after receipt of merchandise. All returned merchandise is subject to a 25% restocking charge. We reserve the right to accept products for repair only (not replacement). SALCO has a no return policy on all products shipped. Except for warranty repairs, all repairs are shipped C.O.D. No cash refund. Merchandise credit only. Credit void after 12 months.

FREIGHT DAMAGE

Your order is filled, checked, and rechecked, and packed with great care. If you receive merchandise that has been damaged in transit it is important to keep the shipping carton, packing materials, and merchandise intact. Please contact the shipper immediately to initiate a claim. Also, please contact SALCO customer service.

SALES TAX

Only Florida residents need to remit the appropriate Sales Tax. SALCO is not able to remit sales tax to states other than Florida

WARRANTY

As an expression of confidence that our products will continue to meet the high standards of reliability and performance that our customers expect, SALCO products carry a 365 day warranty (limited). Call or write for full warranty information.

DESIGN CHANGES

Due to continuing improvements in design, some items may differ slightly from the description and photograph in the catalog. If you have any questions, our Application Specialists will be happy to discuss any design improvements and advantages. SALCO does not provide on-site support.

SUBJECT TO CHANGE WITHOUT NOTICE

All prices, merchandise model numbers, specifications, terms and policies are subject to change without notice.



GENERAL COMMENTS

The information presented in this catalog has been carefully checked and is believed to be accurate, however, no responsibility is assumed for inaccuracies. SALCO reserves the right to make changes without further notice to the products specified herein to improve reliability, function, or design.

SALCO radio controls provide a reliable communications link and fill an important need in portable or wireless signaling. However, there are some limitations which must be observed.

The radios are required to comply with FCC Rules and Regulations as Part 15 devices. As such they have limited transmitter power and therefore limited ranges.

- Receivers may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.
- △ receiver cannot respond to more than one transmitted signal at a time.
- Infrequently used radio links should be tested regularly to protect against undetected interference or faults.
- △ general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor, dealer, or private installer, and these facts should be communicated to the ultimate users.

FEDERAL COMMUNICATION COMMISSION LICENSING

SALCO long-range supervised-wireless systems require an FCC site license for operation in the U.S.A. Various independent services can be of assistance in frequency coordination and FCC license applications. In addition, FCC rules stipulate the user's call sign must precede all voice transmissions.

SAFETY PRECAUTIONS

The Federal Communications Commission (FCC) has adopted a safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated equipment. In order to limit user exposure to levels substantially below the FCC recommended limits the following guide lines should be adhered to:

DO NOT HOLD THE TRANSMITTER SUCH THAT THE ANTENNA IS IN CLOSER PROXIMITY TO OR TOUCHING EXPOSED PARTS OF THE BODY, ESPECIALLY THE FACE OR EYES WHILE TRANSMITTING. DO NOT ALLOW CHILDREN TO PLAY WITH RADIO TRANSMITTERS. DO NOT OPERATE THE TRANSMITTER NEAR UNSHIELDED ELECTRICAL BLASTING CAPS OR IN AN EXPLOSIVE MANNER.

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