

Crystal

Electronic Yoga for peace of mind



TALKING CLI



PANIC ALARM



CALLER ID ON
EXTENSION



CHAIRMAN'S
BROADCAST



WATCHMAN
WATCHDOG

Introducing Crystal 'GUARD'- The 24hours vigilant Society Intercom
System designed to make your life better and to make you feel safe.



PIGEON GROUP



With Crystal-GUARD, now get 24hours round the clock telephony for 100% security.



ADVANCED FEATURES

Inter flat communication with "CLI" (caller line identification) on CLI Telephone tells you who is calling before even lifting the handset.

Advanced Hotline : Enable you to get connected to any programmable extension. Just lift the handset and wait to get connected to say "SECURITY" without having to dial.

Auto Call Back : If the extension you are trying is busy, you do not have to keep trying it again and again. The busy extension will ring back as soon as it becomes free.

Call Forwarding: If you are visiting some other flat, all your calls can be diverted to the visiting extension thereby ensuring that you do not miss out on important calls.

Super Conferencing : Involving unlimited number of extension facilities teleconferencing of committee members etc.

Call Pick Up : An unattended ringing extension can be answered from your non-ringing phone.

Flexible Numbering : Extension numbers can be given as flat numbers etc. No need to memorize the extension numbers.

Programmable Feature : Features can be selectively allowed or disallowed to any extension.

PC Interface : Interface to the computer enabling you to Analyze the call details, etc.

Printer : Connect to the serial port of the printer. Print all call, calls extension wise, date wise, depending on originating extension, depending on terminating extension, or last predetermined number of calls.

P & T Line Connectivity : For routing of incoming calls for model G-80 and above.

New Talking CLI : You can have a voice prompt of last five extn. nos. who had called you during your absence.

SOCIETY FEATURES

Chairman's Broadcast : Message like a meeting schedule or maintenance charges reminder, greeting etc. can be conveyed to selected or all extension. Wherever the selected extension lifts the handset the message would be played.

Vendor Announcement : Arrival of vendor etc. like Milkman, Electrician, and Plumber etc. can be conveyed to all extension simultaneously with a suitable programmable voice message. Upto nine different messages are field programmable.

Daily Alarms : Extension can be set to ring at a specified time every day. Can be used to set up wake-up calls or calls to remind you to pick up your child from school.

Reminder Alarm : Extension can be set to ring at a specified time, so that you do not miss your Train or an important appointment.

PAGING : Public address system can be connected to the paging port to make important announcement.

जय श्री बाला जी

CRYSTAL DIGITAL CONCEPTS PVT. LTD.

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Branches : ● Surat ● Mumbai ● Coimbatore ● Siliguri ● Kolkatta

Manufactured By : Himalaya Telecom, Parwanoo (H.P.)

Relay Port : Enable to switch ON & OFF the building Passage Light or water pump etc.

"CLI" : A true "CLI" system which display the calling extension number on a "CLI" phone the way you get it on MTNL/ DOT lines. Know who is calling you before lifting the handset.

Do Not Disturb : There are moments when you do not want to be disturbed. (Enjoy a soundless afternoon nap).

HI-TECH SECURITY FEATURE

Four Independent Security Group : (Up to four different security groups can be assigned).

Say four different towers can have four independent security. Calls from respective tower would land on the specified security extension only.

PANIC ALARM : The feature can be activated by a panic button or panic code. Any number of panic button can be installed in any flay- say in the kitchen, one near the entry door, one in the bedroom etc. Whenever switch is pressed the emergency alarm/ Hooter will turn on at the security and the number flashed on the display unity, simultaneously programmed extension would also get panic call.

Emergency Reporting : In case of an emergency situation programmed panic extension can be simultaneously assessed by a single code.

Watch Man Watch Dog : Crystal Guard effectively keeps a watch on the watch man. The security extension rings at programmed internal of time. In case the watch man does not acknowledge the call the system records the date and time for complete 31 days of the month. This record can be viewed on the DISPLAY.

Cable Cut Alarm : A unique cable cut alarm which works on same pair of cable. In case the cables are tampered the flat No. is displayed at the security display unit along with alarm.

Additional Security : Guard supports sensors like Fire detection, Gas leakage detectors etc. Compatible sensors can be connected in series of the Panic button to activate Panic alarm along with flat number display at the security display unit.

Visitor double check : The security Guard can keep a double check on any visitor visiting a flat owner, and confirm whether the visitor has reached the flat and is genuine person only.

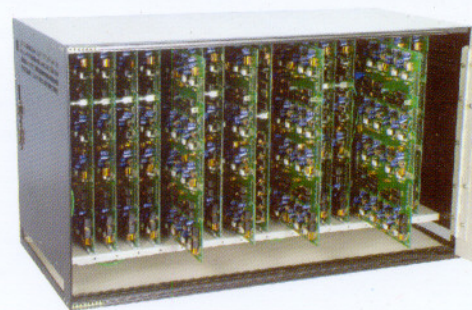
Malicious Calls Tracing : The time of last five calls to each extension are stored by Guard. These can be viewed on the security display unit.

Digital Display Units : Different sizes of Digital Display units are available to take care of different needs. Guard has introduced for the first time unique TRI COLOUR DISPLAY UNIT-PANIC is displayed in red, Calling Number in orange & TIME in green.

CAPACITY & DIMENSIONS

MODEL	MIN PORTS	MAX. PORTS	Expansion Steps	DIMENSIONS(mm)		
				W	H	D
48- GX	4	48		325	220	90
G-80	16	80	008/016	280	220	320
G-128	16	128		335	300	340
G-256	16	256		600	300	345

Any combination of G-80, G-128, G-256 can be seamlessly integrated to work as a single system with a max. conf. of 800 ports.



KEY FEATURES

- Flexible Numbering
 - Unlimited Conference
 - Panic Alarm on Single Pair Intercom Cable (no extra pair of wire required)
 - Cable Cut Alarm (on single pair intercom cable)
 - Chairman's Broadcast*
 - Vendor Arrival Announcement to all Extensions simultaneously* (voice - field programmable)
 - Remote Display Unit for intercom Statue / Panic & Cable Cut indications*
 - Paging Interface
 - Power relay Port for Hooter / Porch Light
 - Four independent security groups
 - Serial Port for PC Interface
 - Tone / Pulse Switchable
 - Extension to Extension Call
 - Single Digit Access to Security / Reception / Operator
 - Extension Do Not Disturb
 - Extension to Extension Call Barring
 - Hot Line Security / Reception
 - Call Forwarding
 - Wake-up Alarm
 - Emergency Reporting
 - Discriminate Ringing
 - Barge - in
 - Auto Call Back
 - Call Pick Up
 - Boss-Secretary System
 - Automatic Double Check with the Flat
 - Battery Back-up*
- *Optional Features

TECHNICAL SPECIFICATIONS

Technology	Microcontroller based SPC SPACE Division Multiplexing
Dial Tone	Continuous
Busy Tone	Interrupted
Ring Back Tone	1 Sec. ON & 2 Sec. OFF
Extension Loop Resistance	600 ohms
Pulse Rate	10pps = -10%
Cabling	Single Pair
Operating Temperature	0 C to 45 C
Power Consumption	Max. 100 Watts
Capacity	16 to 256 Subscribers
Operating Voltage	220V 10%

SOLD & SERVICED BY :

*Some of the features mentioned in the catalogue requires optional hardware at additional cost. contact dealer for details.