



CrystalTM
Telecom • Energy Meter • CCTV • LED

Electronic Yoga
for peace of mind



YAMUNAJI TELECOM (Mobile : +919825045681)

Introducing Crystal 'GUARD'- Intercom System
designed to make your life better and to make you feel safe

Intelligent Intercom Function | Video Door Phone Connectivity | Apartment Panel Connectivity | Security Function



TALKING CLI



PANIC ALARM



CALLER ID ON
EXTENSION



CHAIRMAN'S
BROADCAST



WATCHMAN
WATCHDOG

CREATING BENCHMARKS SINCE 1981

Telecom | Multi Floor Apartment Solution | Audio-Video Broadcasting
Surveillance | Video Door Phone | Smart Energy Meter

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G2K 32/64

16 Ports
to
64 ports

The 24hours Vigilant Society Intercom

G2K 80/128/256

16 Ports
to
2048 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 cable)*
- Chairman's Broadcast*
- Vendor Arrival Announcement to all Extensions simultaneously* (voice - field programmable)
- Remote Display Unit for intercom Statue / Panic & Cable Cut indications*
- Relay Port for Hooter / Electric Gadget
- Four Independent security groups
- Tone Dialing
- 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
- Automatic Double Check with the Flat
- Battery Back-up*

ADVANCED FEATURES

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.

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

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. Up to 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 : Any Port can convert as paging port to make important announcement via public address amplifier system.

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 flat- 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 unit, 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.

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 TRICOLOUR 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)			Power Supply
				W	H	D	
32/64	16	32/64	004/008/016	-	-	-	PS/SMPS 12V
G2K-80	16	80	008/016	280	220	320	SMPS 24V
G2K-128	16	128		335	300	340	
G2K-256	16	256		600	300	345	
G2K-2048	Any combination of G2K-80, G2K-128, G2K-256 can be seamlessly integrated to work as a single system with a max. of 2048 ports						
Bridge card for remote connection of two cabinets upto 500 mtr using 20 pr cable. Maximum 8 Long Loop Bridge card can be use .							
Battery Required:- One 12V, 7AH for 32/64 Ports Two 12V, 7AH for 80/128/256 Ports							

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%

COMPANION PRODUCTS

<p>Crystal DVR, NVR & Camera</p>  <ul style="list-style-type: none"> • DVR 4/8/16/32 Ch. • Camera IR/AHD/IP 	<p>Crystal EPABX</p>  <ul style="list-style-type: none"> • Analog-5 to 96 Ports • Digital-8 to 180 Ports 	<p>Crystal Video Door Phone</p>  <ul style="list-style-type: none"> • 4" & 7" Hands Free VDP • Sleek Outdoor 	<p>Crystal A/V Broadcasting</p>  <ul style="list-style-type: none"> • Audio 16 Ports • Audio-Video 16-240Ports 	<p>Crystal Scheduler</p>  <ul style="list-style-type: none"> • Stand Alone Automatic Bell • Integrate with Broadcast 	<p>Crystal Digital EPABX</p>  <ul style="list-style-type: none"> • 16 Ports to 184 Ports 	<p>Crystal Smart Energy Meter</p>  <ul style="list-style-type: none"> • Dual Sense • Pre-Paid
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Some of the features require optional cards & hardware.

Not Applicable for 32/64 Ports *Optional Features

Authorized Dealer :