

*Crystal*

# Connect to a Superior Technology



## Super Hybrid Key Telephone System

**CRYSTAL- CARVING THE WAY TO THE FUTURE...**

Crystal has been the trendsetter in terms of adding new products, features and applications. We were the first to introduce Caller-ID on analogue EPABX, a feature which took more than 2 & ½ years for the nearest competition to match.

In short, to be the visionaries in the telecommunication industry and to live up to the standards of the international market by setting quality & service oriented parameters is our goal.

# Crystal - GAMMA

## SUPER HYBRID KEY TELEPHONE SYSTEM



CALLER - ID



COMPUTER CONNECTIVITY



KTS

### STANDARD FEATURES

- 95 / Cell Phone Lock
- Auto Busy Redial
- Auto Call Back on Busy / no Reply
- Barge-In
- Boss Secretary System
- Call Camp
- Call Disconnect
- Call Forward: Busy / all Calls / no Reply
- Call Hold
- Call Parking
- Call Pick-up
- Call Toggle
- Class of Service: Local / STD/ ISD
- Conference
- Daily Alarm
- Day / Night Mode (Auto / Manual)
- Delayed Simultaneous Ring
- Do Not Disturb
- Follow Me
- Global Dial Bank
- Hot Line Dialing
- Interrupt
- Monitor
- One Time Alarm
- Personal Dial Bank
- Programmable Timers
- Regular Round Robin Ring
- Remote Alarm
- Repeat Alarm
- Simultaneous Ring
- Delayed Simultaneous Ring

### ADVANCED FEATURES

- LCR
- Walk-in Class of Service
- Tone Demo
- Reminder Beeps on Various Stages
- Executive Ring
- Reserved Junction Line
- DISA / DOSA
- External Call Forwarding
- Unsupervised Conference
- Linear Access Mode (LAM)
- Accepted & Denied Table
- Remote Maintenance
- Flexible Numbering
- Internal CLI (Extn. to Extn.)
- Selective Trunk Barring
- Call Budgeting

- KTS Connectivity\*
  - Virtual Extensions
  - Auto Redial up to 99 Times
  - SMPS with Inbuilt AVR 150-300V\*
  - 24V Battery Backup (w/o Batteries)\*
  - Programmable Features / Time
  - Auto Shut Dynamic Lock
  - Hunting Group
  - Auto Fax Homing
  - Remote Controlled Relay Port
  - Voice Paging & Addressing Port
  - Voice Guided DISA\*
  - Printer / Computer Connectivity
  - Accurate Billing by ACPD Logic
  - ASMDR with Billing in Rupees
  - Junction Call Report
  - Date wise Call Report
  - Extension wise Call Report
  - All Calls Report
  - Incoming Call Report with Duration
  - Unanswered / Missed Call Report
  - DSS Operator Console Connectivity
  - Junction Caller-ID at Operator Console\*
  - Junction Caller-ID (DTMF/FSK)\*
  - Transferable Caller-ID\*
  - CLI Transfer from Non CLI Phone also\*
  - Recordable Music On Hold (MMOH)\*
  - Remote Printer Connectivity
- \*Optional Feature

### HOTEL FEATURES

- Room Number wise Extn. Numbering
- Single Digit Access to Operator
- Check-In / Check-Out
- Temporary Check-In / Check-Out
- Check-In with Guest Name
- Caller-ID by Guest Name at Console
- Guest Station Grouping
- Guest Station Service Restriction
- Room to Room Call Barring / Open
- Room Status Display On Console
- Floor wise Room Service
- Wake-Up Call Service
- Alarm No Reply Information at Console
- Welcome Message
- Room Call Budgeting
- Room Call Printout
- Daily Call Printout
- Periodic Call Printout
- Hotel Name & Guest Name Print on Report

### TECHNICAL SPECIFICATIONS

Technology	Microcontroller Based SPC Space Division Multiplexing
Insertion Loss	Less Than 1db (Extn. to Trunk)
Jn. Loop Resistance	1200 Ohms
Cross Talk	Better Than 70db
Input	AC 220V, 50 Hz
Cabling	KTS on 2 Pair & SLT on Single Pair

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Branches : • Surat • Mumbai • Coimbatore • Siliguri • Kolkatta  
Manufactured by : Sinhal Udyog. Parwanoo (H.P.)

### OPERATOR CONSOLE



36 Flexible DSS Keys and 10 Junction Keys with LED



18 Flexible DSS Keys and 10 Junction Keys with LED

#### FEATURES

- Message to guide at various stages
- Caller-ID Number Display
- Extn. Name Storage
- Internal Caller's / Guest Name Display
- Auto Answer Mode
- Display of Pending Extn. & Trunk
- Display of Day, Date & Time
- Call Queuing
- Call Answering in Incoming Order
- Selective Call Answering
- Conferencing
- Memory Dialing
- Operator Absent / Present Mode
- Night Mode Indication
- Buffer Status Indication
- Message Wait Display
- Total Call Charge Display of each Extns.

### KEY TELEPHONE



- Alphanumeric Display
- Ergonomic Design
- Hands Free Operation
- Jog Dial
- Programmable Keys with Tri Color LED
- Auto Answer
- Caller ID by Name
- Status Message
- SMS
- Call History
- Direct Transfer
- 2x16 Backlid LCD
- Tri Colour LED
- Dial by Name

### CRYSTAL -CTI with Screen Pop UP

Combines the power of telephones and computer to ensure that you speak to the **right person**, at the **right time**, with the **right information**.... Everytime

#### CONFIGURATION & DIMENSIONS

MODEL	TOTAL PORTS	TRK (Max.)	EXTN (Max.)	Expansion Steps	DIMENSIONS (mm)		
					W	H	D
56 KX	56	12	56	206 / 008 / 004	250	320	155
96 CX	96	12	96		430	366	195

\* ISO 9001 CERTIFIED



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

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