

## GAMMA Model



**24ZX (618 ZX)**  
 ✗ Max. 6 Trunk  
 ✗ Max. 22 Extension

**40ZX**  
 ✗ Max. 10 Trunk  
 ✗ Max. 38 Extension



**56 KX**  
 ✗ Max. 12 Trunk  
 ✗ Max. 54 Extension

**96 KX**  
 ✗ Max. 12 Trunk  
 ✗ Max. 94 Extension



CALLER ID\*



MMOH\*



Battery Backup\*



KTS\*



Paging\*



Electric Gadget Control\*



Voice Message\*



Computer\*

	Trunk Function
Ideal Incoming	✗ Round Robin Ring
	✗ Simultaneous Ring
	✗ Delay Simultaneous Ring
	✗ Direct Inward Dialing (DID) # (A) DID By Extension Number (B) DID By Extension Name (ZX only)
	✗ Direct Outward Station Access (DOSA) # (A) To make external call (B) To Relay control from Remote Location
	✗ Day / Night Mode (Auto / Manual) #
	✗ Access Group for Trunk
	✗ Class of service : Local/STD/ISD
	✗ DTMF / PULSE Dialing
	✗ External Call Forwarding (ECF)
Ideal Outgoing	✗ Hot Line Dialing (Trunk No.)
	✗ Last no. Redial
	✗ Linear Access Mode (LAM)
	✗ Reserve junction line
	✗ Selective Trunk Barring
	✗ Walk in Class of Service
	✗ Auto shut dynamic lock
	✗ Accepted & Denied Table
	✗ Call Disconnector (Incoming / Outgoing)
	✗ Cal Discou
Call Cost Control Outgoing	✗ Call Budget
	✗ Least Call Routing (LCR)-100 Number
	✗ Global Memory Bank(Common for All extn.) (A) (ZX Model - 90*5 no. with Name) (B) (KX Model 90 no. without name)
	✗ Personal Memory Bank (Individual for Extn.) (A) (ZX Model - 9*5 no. With Name) (B) (KX Model 10 no. without name)

	Extension Function
Standard	✗ Auto Call Back on Busy / no Reply
	✗ Caller ID (Extn. To Extn.)
	✗ Call Camp on
	✗ Call Hold
	✗ Call Parking
	✗ Call pickup (Internal/Common/Parked)
	✗ Call toggle
	✗ Conference (3 party)
	✗ Do not Disturb (ZX model only)
	✗ Flash Time
Customize	✗ Hot Line Dialing (For intercom)
	✗ Alarm (A) One time Alarm (B) Daily Alarm (C) Remote Alarm (D) Duration Alarm
	✗ Hunting Group (Busy)
	✗ Boss Secretary system
	✗ Call Forward: Busy / All calls / no reply
	✗ Call Privacy
	✗ Follow me
	✗ Bargain
	✗ Executive Ring
	✗ Flexible Numbering
Administrative	✗ Monitor
	✗ Un supervised conference (2 party)
	✗ Virtual Extension
	✗ 1 port - 16/24 ZX (Elect. Gadget & D-Lock)
	✗ 2 port - 40 ZX (Elect. Gadget & D-Lock)
	✗ 1 port - 56 / 96 KX (Elect. Gadget)
	✗ 24 / 10 Set of Time for ZX / KX Model
	✗ Automatic ON/OFF with time duration
	✗ Relay control from Remote Location
	Relay Port

	ASMDR Buffer	
	✗ Call Buffer 2150 No. (ZX Model)	
	✗ Call Buffer 1250 No. (KX Model)	
	✗ ON Line / OFF Line Call Storage	
	✗ ASMDR Billing in Rs (KX Model)	
	✗ (A) Unit Rate (B) Service Charge	
	✗ Time slab setting (Weekday / Holiday)	
	✗ Accurate Billing By ACPD Logic	
	<b>Trunk Call Printout</b>	
	✗ Trunk Call Report	
	✗ Date wise Call Report	
	✗ Extn. Wise Call Report	
	✗ All Call Report	
	✗ Incoming Call Report with Duration	
	✗ Summary Report	
	✗ Unanswered / Missed Call Report	
	<b>System Control</b>	
	✗ Password Protected	
	✗ Build in RTC	
	✗ Bulk Programming	
	✗ Jn. Tie Line count	
✗ Remote Programming		
✗ Two line Cordless Phone Ring		
✗ Programming via PC (A) 40ZX (B) 56 KX / 96 KX		
✗ Music/Ring back tone setting (ZX only)		
✗ Power Failure Trunk Transfer (A) Automatic TRK Trf. to Respective Extn.		

	HOTEL Function	
Standard	✗ Room no. wise extn no	
	✗ Floor wise room service	
	✗ Room call budgeting	
	✗ Message Reminder	
	✗ Single digit access to op - con	
	✗ Wakeup call service	
	✗ Alarm no reply info at console	
	✗ Check in / out through ✗ Console ✗ Phone ✗ Computer	
	✗ Check in with guest name	
	✗ Caller ID-Guest name at console	
Administrative	✗ Guest station grouping	
	✗ Guest station service restriction	
	✗ Group Function ✗ Individual ✗ Guest ✗ Service	
	✗ Room Call Barring / open	
	✗ Room Status View at Console	
	✗ Temporary Check IN / OUT	
	✗ Welcome masage	
	<b>Trunk Cal Printout</b>	
	✗ Room call printout	
	✗ Daily call printout	
Hotel Mode	✗ Date wise call Report	
	✗ Hotel Name at printout report	
	✗ Guest Name at printout report	
	✗ 16 KHZ Reversal Detection	

### Optional Value Added Function of ZX / KX Model

**External Caller ID (DTMF/FSK)**  
 TRK Caller ID Number onExtn  
 Transferable Caller ID (FSK/DTMF)  
 Outgoing No. Transfer on EXTIN/KTS  
 CLI Transfer from Non CLI Phone  
 CLI Based Call Routing

**Voice Disa (Multi-level)**  
 (1 CH / 2 CH for ZX & 1 CH for KX Model)  
 Independent time slot of each level  
 Multilevel Recordable Message for-  
**ZX Model**  
 • Welcome • Alarm • Emergency  
 • Extn. Busy • No. Reply • Wrong No.  
**KX Model** (Welcome Message only)

**Op-Con / Paging**  
**ZX Model**  
 • N. A. for 412 618  
 • Optional for 40ZX  
**KX Model**  
 • Inbuilt Op-con Port  
 • Inbuilt Paging Port

**Serial / KTS interface**  
**ZX Model**  
 • Combo of KTS/Serial port  
 • 4 Port KTS int.  
**KX Model**  
 • Inbuilt Serial Port  
 • Optional 2 port KTS Int.

**MMOH (120 sec)**  
**(For All Model)**  
 Music Recordable  
 Voice Recordable  
 Put on Hold Replay

### Technical Specification

Technology	Microcontroller Based SPC
Insertion Loss	Less than 1 db (Extn. To Trunk)
Trunk Loop Resistance	1200 ohms
Crosstalk	Better than 70 db
Input Power	AC 220V, 50Hz
Power Consumption	40 watt Max.
Extn Voltage	48 V DC (ZX/KX Model)
Cabling	KTS on 2 pair & SLT on single pair

# Required additional Hardware

### Configuration & Dimension

EPABX Model	Total Port	TRK (Max.)	Extn. (Max.)	Expansion Step	Dimension (cm)		
					W	H	D
618 ZX	24	6	22	103/004	28	38	11
40 ZX	40	10	38	103/004	28.5	32.5	13
56 KX	56	12	54	206/008	25	32	15.5
96 KX	96	12	94	206/008	43	36.5	19.5

\* Optional Utility / Function

### Power Management

EPABX Model	Power Supply	SMPS Battery Backup cum Charger (Optional)	
618 ZX	PS	SMPS 12V Battery Backup (without battery)	1 no., 12V, 7AH
40ZX	SMPS	SMPS 24V Battery Backup (without battery)	2 no., 12V, 7AH
56KX			
96KX			

N.A. (Not applicable)

जय श्री बाला जी  
**Crystal Digital Concepts Pvt. Ltd.**

**Corporate Office :** C-3, DSIIIC Engineering Complex, Mangolpuri Industrial Area, Phase-I, New Delhi-110 083  
 Tel. : 011-2792 3766 / 2792 1267, Fax : 011-2792 3985,  
**mail us :** crystal@crystalpbx.com  
**visit us :** www.crystalpbx.com

**Marketing Office :** 909, Shilp Building, C.G. Road, Navrangpura, Ahmedabad  
 Tel. : 079-2640 2693, 3291 1292 Fax : 079-2640 2693

• Mumbai • Kolkata • Ahmadabad • Surat

Authorized Dealer :

**CREATING BENCHMARKS SINCE 1981**

- Telecom
- Multi Floor Apartment Solution
- Audio-Video Broadcasting
- Surveillance
- Video Door Phone
- Smart Energy Meter
- LED Light Luminaries