



ISO 9001-2015

## The Best Gets Better ...

# ACCORD DIGITAL EPABX SYSTEMS ADX 600

The Cost Effective for Small & Medium Organizations

Sturdy for Indian Working Conditions

Nationwide Accord Service Backup

Flexible, Scalable & User Friendly

Wireless GSM Phone Lines Connectivity

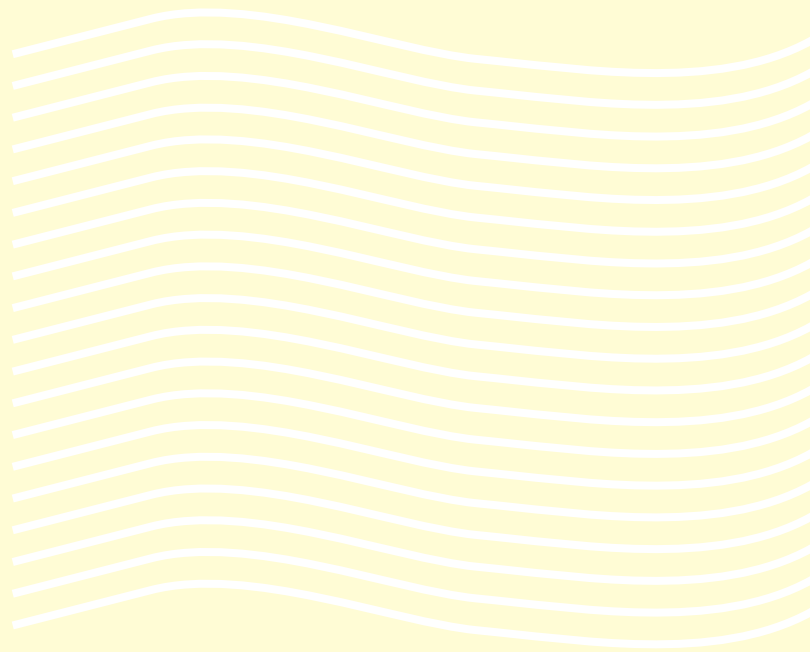
Automatic Gain Control (AGC) on Junction Lines

64 Party Call Conference

PRI / E1 | IP Network Compatible

Upto 12 Km. Analog Extensions

Redundant (HSB) Power Supplies





**Trust of Millions & Millions..**  
Estd. 1990 | 26 Years

We are Research & Development Based Manufacturing and Marketing Company with Nationwide Technical Support & Service Backup. Innovation and Quality have been always a key factor of Accord development strategy.

**Technology :**

Digital Time Division Multiplexing (TDM), Pulse Code Modulation (PCM) Switching Technology that supports 100% Non-Blocking Communication . Universal Port design, with Open Platform.

Advance CMOS Chips ensuring Optimum Processor Speed with Minimum Power Utilization

Coding Technique: ALAW / Codec Per Channel

Provide the Standard Tones and Ringing Current as in the Public Telephone Network

Pulse to Tone conversion & Vice Versa

Hot Swappable Cards to Ease the Service & Maintainability

Programmable Class of Service

Bulk programming Facility

CLI on DTMF (by Default)

CLI on FSK (on Demand, T&C Apply)

**Features (Alphabetically) :**

- Abbreviate Dialing
- Access to Paging
- Automatic Call Back
- Automatic Call Transfer
- Automatic Last Number Redial 9 time
- Background Music
- Brokers Call
- Call Forwarding
- Call Pick-up
- Call Re-Routing
- Class of Service
- Call Conference (Multi Party)
- Consultation Hold
- Direct outward Dialing
- Direct Station Selection (DSS)
- Do Not Disturb
- Dynamic STD Lock
- Executive / Secretary
- Extension to Extension Dialing
- Flexible Number Plan
- Hot Line
- Privacy of Call
- Virtual Telephony

**Digital Key Phone / Small Operator Console Features :**

- Calling Number / Internal Caller Name
- Emergency Call / Busy Over-ride
- Adjustable Ringer Volume
- Absent Message Text
- Background Music
- Force Release of Trunk (Programmable)
- High Intensity Surface Mounted Dual Colour LEDs
- Last Trunk Number Redial
- Speaker and On-hook Dialing
- Speaker Volume Control
- Large 2 x 16 Display
- Models : K2-16 Keys | K3-24 Keys

**Power Supply**

**PSU 1 (AC PSU) :** Dual Mode - Provides 24 Volts (Operating on 230v +/- 10%, 50 +/- 2 Hz AC) as well as 48 Volts (for long distance of a few extensions only with jumper setting as per field requirement)

Also Special Purpose **PSU 2 (DC PSU) :** Provides 48 Volts (for extra long distance of all extensions operatable with FCBC 25 Amp. along with Batteries. Batteries will be charged by FCBC

**Facilitates Extra Long Distance Extensions upto 12 Km.**

**Battery Charger**

Inbuilt Battery Charging Arrangement in PSU 1 for Providing Battery Backup around 2 Hours depending on Battery Bank Capacity

Also Operational with External UPS 230V

**Digital Key Telephone / Operator Console**



K2: 16 Keys



K3 : 24 Keys

**Digital Key Telephone / Small Operator Console**

**Absent Message Text (AMT)**

- |                |              |                 |
|----------------|--------------|-----------------|
| WILL BACK AT   | LEFT FOR DAY | BACK ON DD / MM |
| GONE FOR LUNCH | OUT ON LEAVE | AWAY ON TOUR    |
| CALL MOBILE    | WILL BACK AT | CALL RESIDENCE  |



# Accord Digital EPABX Systems

## Futuristic Cost Effective Communications Systems


### ADX Series


PSTN / FXO / Trunk
GSM Wireless Trunks
ISDN - PRI / (30 Channels)
E1
TWT
Magneto
E & M
Voice Mail & Auto Attendant
Audio Conference Machine

Hot Swappable Cards
Battery Backup
FCBC (48v) Optional for Long Distance Extensions (upto 12 Km.)
Programming through Phone / PC / Key Phone depending on type of CPU



Caller ID Phone
Digital Key Phone
Hooter / Siren
Paging Announcement
External Music
Operator Console
Call Conference
CTI / PMS / IVR (3rd Party)
PC / Printer / FAX





Redundant (HSB) Power Supplies



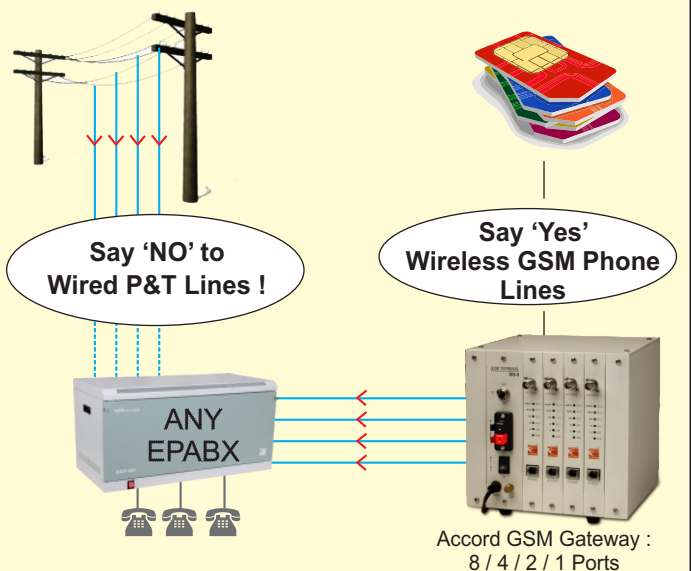
### Hospitality Features



#### Hospitality Features :

1. Flexi Numbering Plan (1 / 2 / 3 / 4 Digits) According to Room No.
2. Check in / Check out
3. Temporary Check in / Checkout / Room Shift
4. Computer Connectivity via RS 232 Port
5. Printout on Parallel Printer (Room Status Printout)
6. Room Call Budgeting
7. Room to Room Call Barring
8. Storey Phone
9. Call Forward (on busy) Storey Phone
10. Third Party PMS Software Compatible
11. Compatible to standard Hotel Phones
12. Hotel / Hospital Bill Print-out
  - a. Serial no. of Hotel Bill
  - b. Room Number
  - c. Guest Name
  - d. Room Traffic
  - e. Food Charge
  - f. Laundry Charges
  - g. Telephone Call Charges
  - h. Miscellaneous Charges
  - j. Taxes etc.

Note : Hotel Features : 1. In-built in CPU 1X through Jumper Setting  
 2. In CPU 2X 3rd Party Hotel Software to be arrange extra (optional)  
 3. Advance Hotel Software (PMS/HMS) through Third Party (optional)



#### GSM Wireless Phone Lines in lieu of wired P&T Lines by Accord GSM Gateway

1. Clear Voice Communication :
  - (i) No Voice Drop
  - (ii) Auto Echo Cancellation
  - (iii) Dial Tone Similar to BSNL Lines
2. Can Redial Nos. of Incoming calls, with Caller-ID Phones.
3. Multi Party Call Conference :  
Just on Single GSM Lines w/o Engaging other Trunks of EPABX
4. Drastic cut in call cost as No Rental Charges & Free CUG

# Model Selection Guide : Accord Digital EPABX - ADX 600 Series

<b>56 Ports</b>	<b>56 Ports Module : Includes</b> a) Cabinet & MB of 56 Ports (Total 9, 7 Vacant Slots) b) CPU 1X (or CPU 2X with cost difference) c) Power Supply PSU1 (24+48V AC)	<b>GSM FCT 1 Port</b> G14 : without Battery Charger  <b>GSM Gateway 2 Port</b> G200 : with Inbuilt Battery Charger( battery extra)  <b>GSM Gateway 4 Port</b> G400 : with Inbuilt Battery Charger( battery extra)  <b>GSM Gateway 8 Port</b> G800 : with Inbuilt Battery Charger( battery extra)	
<b>72 Ports</b>	<b>72 Ports Module : Includes</b> a) Cabinet & MB of 72 Ports (Total 11, 9 Vacant Slots) b) CPU 1X (or CPU 2X with cost difference) c) Power Supply PSU1 (24+48V AC)	<b>Special Add on Items/ Spare Cards &amp; Accessories (Optional on Demand)</b> <ul style="list-style-type: none"> <li>● Spare Cards &amp; Accessories</li> <li>● Hooter / Siren Connectivity</li> <li>● PC Card 8 Ports for Trunks</li> <li>● PC Card (FSK) 8 Ports for Trunks</li> <li>● Digital Extn Card 8 Ports</li> <li>● Combo Card 2 : Voice Disa 2 Ports + 2 Trunks + 2 Digital Extn.</li> <li>● E1 Card (30 Channels) : With CPU2X along with mandatory Combo Card 2</li> <li>● 4 Port Voice Mail &amp; Auto Attendant (Stand Alone)</li> <li>● IP GATEWAY CARD (IPGC) 16 Channels</li> <li>● Bridge Card</li> <li>● Magneto Card, E&amp;M Card, TWT Card etc.</li> <li>● MDF Cable</li> <li>● PSU 2: 48V DC</li> <li>● FCBC 25 Amp. (Reputed Make) : Use with PSU 2</li> </ul>	
<b>96 Ports</b>	<b>96 Ports Module : Includes</b> a) Cabinet & MB of 96 Ports (Total 14, 12 Vacant Slots) b) CPU 1X(or CPU 2X with cost difference) c) Power Supply PSU1 (24+48V AC)		
<b>120 Ports</b>	<b>120 Ports Module : Includes</b> a) Cabinet & MB of 120 Ports (Total 18, 15 Vacant Slots) b) CPU 1X(or CPU 2X PRI with cost difference) c) Power Supply PSU1 (24+48V AC)		
<b>248 Ports</b>	<b>248 Ports Module : Includes</b> a) Cabinet & MB (2 Nose : 120 + 128 Ports (Total 36, 31 Vacant Slots) b) CPU 2X only c) Power Supply PSU1 : 2 No. d) Bridge Card ; 1 No		
<b>CPU 1X : upto 120 Ports</b>	a) Inbuilt 3 Party Conference b) Do not support PRI / E1		
<b>CPU 2X : upto 248 Ports</b>	a) Inbuilt 64 Party Conference b) Support upto 2 PRI / 2 E1		
<b>PSU 1: 24+48 Volt AC</b>	a) Operational by AC input (no FCBC required) b) Dual Mode - Provides 24 Volts (Operating on 230v +/- 10%, 50 +/- 2 Hz AC) as well as 48 Volts (for long distance of a few extensions only with jumper setting as per field requirement) c) Inbuilt Battery Charger		
<b>EC CLI Card</b>	8 Analog Extensions Card		
<b>Combo Card 1</b>	4 Trunk + 2 Digital Extensions		
<b>PRI Card</b>	30 Channels, Works With CPU2X PRI Only		
<b>PFCT Card</b>	Power Failure Cut Through		
<b>LPU Device</b>	Line Protection Unit 4 Ports		
<b>Digital Key Phone/ Small Operator Console</b>	K2-16 Keys   K3-24 Keys		
		<b>Technical Specifications</b> Switching TDM / PCM Technology Speech Links 100% Non-blocking Extension Voltage 24/48 V DC Decadic Dialing (a) Pulse Rate - 10 PPS (b) Make Break Ratio - 1:2 Line Characteristics (a) Loop Resistance for Station 600/1200/2400/3000 Ohm (b) Loop Resistance for Trunk - 1500 Ohm (c) Return Loss -> 14 dbm Transmission (a) Insertion Loss <- 0.8 dbm Characteristics (b) Idle Noise -> .60 dbm Traffic Handlin (a) BHCA : 500,000 (b) BHCC : 300,000	
		<b>New EC CLI Card with Upgraded Hardware &amp; Software</b>	
		<ul style="list-style-type: none"> <li>● Additional inbuilt Protections to Achieve the Highest Degree of Stability and Performance for Indian Working Conditions</li> <li>● Additional Circuitry for Noise &amp; RF Suppression</li> <li>● New Software to Maximise Flawless Performance Optimization</li> <li>● Time Tested</li> <li>● Compatible to Previous ADX System of Similar Categories</li> </ul>	



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Note : 1. Above features and specifications are model specific and subject to change without prior notice because continuous technological upgradations etc. 2. Ask for feature and specification of specific model, if required. 3. Some of the features mentioned are not part of standard equipped and are available at extra cost. 4. Some of the features are tone / input singles sensitive and depend on availability of service, its quality and line conditions on the telecom network. 5. Company provides offsite warranty as per norms applicable. 6. Logo / Trademark are the proprietary of the respective owners. 7. Actual Product may differ from the photograph shown 8. T

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Indigenously Designed Developed and Manufactured (IDDM)