

Creative - DX 2000

Evolved Communication



Digital Key Telephone Systems

JAS-ANZ



ISO 9001 : 2000

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Creative DX - 2000 is a fully hybrid Digital Key Telephone System which can meet your present and future requirements. It supports all kinds of existing and future connectivities like E & M, LD, ISDN, E-1 and DECT.

ISDN

Creative DX- 2000 offers full Integrated Subscriber Digital Network (ISDN) interface which provides high speed transmission and reception of voice, data and video at the same time. It supports all ISDN features like Multiple Subscriber Number (MSN), Caller Identification Presentation (CLIP), Calling Line Identification Restriction (CLIR), Advice of Charge (AOC) etc.



Technology

- **Non Blocking** : DX-2000 Offers 32bit microprocessor, stored programme controlled, PCM-TDM, 100% non-blocking switch with single CODEC per channel. The System has the capability of duplicated CPU and power supply, in full hot stand by with automatic changeover.
- **VLSI Design** : DX- 2000 is based on very large scale integration(VLSI) which makes design compact, minimises power requirement and generates less heat, due to this reliability and the life of the system increases tremendously.
- **Distributed Processing** : DX-2000 is based on distributed processing architecture thereby increases the processing speed of the system.
- **Flash Memory** : DX-2000 uses the high speed processor D-RAM working memory, Flash- stored programme memory. The Flash ROM 's makes future software upgrades easy without replacing memory chip hardware. The system features are software controlled and don't require additional hardware to allocate feature resources.
- **Universal Port Architecture** : All the slots in DX-2000 are connected to PCM highway. The different functions card can be inserted to any slot. Hence there is no limitation in offering different features and configurations.
- **Seamless Migration** : The system has the capability to grow and match the pace of the growing organization. The capacity of system can be increased by adding more line cards to the existing system. Hence giving value for money.
- **Power On Maintenance** : The system is so designed that the cards/hardwares can be inserted or removed without effecting the existing working of the system.
- **Distributed Power Supply** : Each card in DX-2000 has its own distributed power supply which converts primary DC supply to its required operating and logic voltages. The SMPS distributed supply offers high efficiency, less power dissipation and very high reliability.

Other systems so called new technology is still old compared to creative DX-2000.

Networking and Integration

Creative DX-2000 has the ability to make PBX a tailor made product, to cater the needs of the organizations, where the switching is carried out across multiple media and multiple products. DX-2000 can be integrated with other EPABX at different location with analog two way trunk (TWT), E&M or digital E-1 trunk. This feature will give you homogeneous numbering and call routing capability, thereby saving on long distance calls for large organizations having their offices at distant locations.

This digital switch can also function as transit exchange, thereby providing inter connectivity between exchanges with complete transparency. This digital switch also offers you a selection of features that go beyond the regular networking standards, operating in proprietary protocol giving you a network designed for efficiency, convenience, and global operations.

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DX-72



■ Caller ID ■

Creative DX-2000 not only supports calling line identification provided by PSTN but also generates caller ID on analog extensions. It supports called on DTMF as well as FSK signaling.

■ Verified Account Code ■

Verified account code gives the flexibility to user to utilize the services as per the class of service of the account code from any extension.

■ Hot Key Pad ■

The speaker of the key phone gets activated automatically, the moment user initiates the call without pressing the speaker key.

■ Dual colour LED ■

The dual colour LED helps the user to identify the status of the call whether it is initiated by the same extension or any other extension.

■ Multiple Nos. & Multiple Time Auto Redial ■

Creative DX-2000 can automatically redial multiple telephone numbers which may be busy, by pressing a single key, thereby improving the productivity of the operator/ user.

■ Multi level Voice DISA ■

It can be used as an auto attendant for all incoming calls, it plays greeting message and transfers the call to the desired extension. It provides different messages at different levels to inform the caller about the status of his call e.g. Extension busy, invalid number dialed or no answer from dialed extension.

■ Advice of call charges ■

If you are using Creative KTS then during the progress of call, the actual value of the call is displayed on the LCD display. This helps the user to be conscious of the value of call while call is in progress.

■ Mini E-mail ■

Creative DX Series has six standard email messages which can be programmed through simple codes. This enables the caller to know the status of the called extension user. This message would be displayed on the LCD of the caller. The messages are to be left by the user like- "Gone for Lunch", "Busy in Meeting" etc.

■ Message Wait Lamp ■ ●

Creative DX Series supports message wait lamp will glow up as soon as someone leaves a message for you in your voice mail.

■ Call Budgeting ■

As and when the budget for a particular extension is over the external dialing facility gets disabled automatically. The system even provide the facility for disconnection of call in progress the moment call charges exceed the budget amount.

■ Remote Activation of KTS ■

The speaker phone of the KTS can be activated by calling extension, with the help of a single digit code. One can toggle between the ring & speaker phone to get access to that extension.

■ Multi Party Conference ■

It enables you to setup a conference between three/eight parties with any combination of P&T and extensions.

■ VIP Caller ■ ●

The called extension can identify the VIP Caller before answering the call by the different ring generated by the system.

■ Off Hook Audio Alarm ■ ●

The system offers a unique feature of audio alarm/Howler Tone if handset is not placed properly after the conversation.

■ Extension Name ■

Each extension can be defined by the name of the user which can be displayed on the LCD screen of the KTS/Operator, enabling to provide personalised service to the caller/guest in a hotel.

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Unique Hotel Features



System Features

- Abbreviated Dialing (personal/ Global)
- Absent Message
- Auto Redial
- Autocall Back On Extension/trunk Line
- Auto/manual Day Night Mode
- Automatic Call Disconnection
- Automatic Call Distribution (ACD)
- Boss Secretary System
- Call Parking
- Call Consult
- Call Sharing Of STD/ISD calls
- Call Forwarding Busy/no Answer / All Calls
- Call Budgeting
- Conference 3 Party /8 Party
- Date & Time Setting
- Dynamic Locking of ISD/STD/ Local Calls
- Direct Inward Dialing /DISA
- Multi Level Voice Messages
- Delayed Hotline on Extn. / Trunk
- Do Not Disturb (DND)
- External Paging/ Relay
- Flexible Room Numbering Plan
- Printer Interface
- Programmable Flash Timing
- Reserved Trunk Line
- Remote Dialing (DOSA)
- Remote Programming
- Listen in/break in
- Battery Backup (without Battery) inbuilt

Key Phone Features

- Advice of Charge on Display
- Calling Line Identification Presentation (CLIP)
- Calling /called No. Display
- Clock/clander Display
- Display Of Absent Message
- Dual Color LED
- Emergency Call/ Busy Over - Ride
- Hand Free Speaker Phone
- Message Wait Lamp
- On Hook Dialing
- Personal Hold
- Speed Dialing

Hotel Features

- Computer Connectivity through RS 232 port
- HMS Connectivity
- Flexible Numbering Plan (1 /2/3/4 Digits)
- Guests Message Reminder
- Printout Though Parallel Printer
- Call Budgeting
- Room to Room Calling Restriction
- Room Status Printout
- Storey Phone
- Wake-up Alarm with Voice Message
- Welcome Greeting message through Disa Card
- Serial Number for each Bill
- Daily Bill Summary

Networking Features

- E-1 Connectivity
- E&M Signalling
- Level DID
- ISDN
- Loop Dialing
- Magneto Trunk
- Trunk Grouping

Hotel Console Features

- Check In With Guest Name & Advance Paid
- Check Out
- Guest Wake Up Alarm
- Multiple Times Reprint Of Guest Room Bills
- Room Shifting
- Temporary Check - In / Check- Out

Specifications and features are subject to change without prior notice.

• Additional hardware required.

System Specifications

Technology

Switching

Extension Voltage

Dialling

Decadic

DTMF

Looping Resistance

Short Loop

Long Loop

Junction

Power Source

Battery Backup

24 V DC upto 240 Ports, 48 V DC with FCBC for 376 & 504 Ports

Model

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Non blocking PCM, SPC

Time Division Multiplexing

24 V DC/ 48 V DC

10PPS, MB 1:2

As Per CCITT Q23

400 Ohms

3000 Ohms

1000 Ohms

220 V AC, 50 Hz

Ports	Length	Width	Height
40	410	340	380
72	510	340	380
120	710	340	380
240	780	330	370
376	820	350	1100
504	820	450	1600

Ports

Length

Width

Height

40

410

340

380

72

510

340

380

120

710

340

380

240

780

330

370

376

820

350

1100

504

820

450

1600



CD-303



CD-203



CD-202

Authorised Dealer

Creative Telecom Pvt. Ltd.

Kolkata

157/4, Bakul Bagan Road,

Bhowanipur, Kolkata

Phone : 033-24861295, 24766201,

Mobile : 033-31023010

E-mail : creativegl@vsnl.net

Head Office

162, DSIDC Complex,

Okhla Industrial Area,

Phase-I, New Delhi - 110 020

Phone : 011-26817414/15, 26811492/96,

Fax : 011-26811389

E-mail : creative@ndb.vsnl.net.in

Chennai

Plot No. 18, Flat No. B, Ground Floor,

Punjab Garden Street, West Mamblam

Chennai (Tamil Nadu)

Ph. 044-24839880, 24839881

Mb.31054584

E-mail: ctplsouth@yahoo.c