

Feature/Function	EncoreCX	Vodavi STARPLUS STS	Panasonic KX-TA624	Panasonic KX-TA1232	Panasonic KX-TD1232	Avaya, Inc IP Office Small Office Edition	Mitel Networks 3100 ICP	NEC Electra Elite IPK
Base Unit	- 4 CO lines - 8 Extensions (Analog/Digital) - Voice Mail (option) - T1/PRI (option) ** - Base Unit (0x8)	- 4 CO lines - 8 Digital Extensions & 2 Analog Extensions - Voice Mail (option) - T1 (option) - Base Unit (4x8)	- Min. 3 CO lines - 8 Extensions - Voice Mail (option) - Base Unit (3x8)	- 8 CO Lines - 16 Extensions - Voice Mail (Option) - Base Unit (8x16)	- 8 CO lines - 16 Extensions - Voice Mail (option) - T1 (24 channels) - Base Unit (8x16)	4 models available: - 2 lines/4 analog phones/3 IP extensions - 2 lines/8 analog phones/3 IP extensions - 4 lines/4 analog phones/8 digital phones/3 IP extensions - 4 lines/4 analog phones/8 digital phones/16 IP extensions - Voice Mail (Option) - Base Unit (2x4) - T1 (Option)	- 4 CO Lines - 8 IP extensions & 2 analog ports - Voice Mail (Standard) - IP Router, 2 Dial-up modems - Base unit (4x8)	- 16 CO Lines (Max) - 32 Extensions (Max) - Voice Mail (Option) - T1 (Option) - 4-Port VoIP trunk or 2 8-Port VoIP trunks (16 Max)
Line Expansion	- 2 CO lines per card/cartridge - 4 CO lines per Ports Module - Max. 20 CO lines	- 4 CO lines per card - 24 channel T1 - Max. 24 CO lines	- 3 CO lines per card - Max. 6 CO lines	- Max. 12 CO Lines	- 4 CO Lines - Max. 12 CO Lines	- Max. 12 lines	- Max. 30 Lines - Max. 1 T1/E1 module (Fractional/Full T1)	- 4 or 8 CO lines per card - Max. 64 CO lines
Extension Expansion	- 8 Extensions per Ports Module - Max. 4 Ports Modules per system - Max. 40 (hard wired) extensions	- 8 Digital Extensions per card OR 4-port SLT - Max. 6 cards per system - Max. 48 extensions	- 8 Extensions per card - Max. 24 extensions	- 8 Extensions per card - Max 32 extensions	- 8 Extensions per card - Max. 32 Extensions (64 extensions w/XDP (Extra Device Port))	- Max. 28 extensions - 4 or 8 analog - 8 digital - 16 IP	- Max. 55 IP extensions and 10 analog extensions. - No digital extensions	- 4 or 8 Extensions per Single Line Interface card; or 8 Extensions per Digital Station Card. - Max. 120 Extensions - 4 extension expansion increments.
Maximum Configuration	- 20 CO Lines - 40 Extensions (Digital or Analog) - 16 Wireless Extensions ** <i>Note: Limited to 32 hard wired extensions when 16 wireless extensions are added.</i>	- 24 CO Lines or 28 Trunks w/T1 - 48 Extensions & 2 Analog ports	- 6 CO lines - 24 extensions	- 12 CO Lines - 32 Extensions	- 12 CO Lines (24 using XDP) - 64 Extensions (128 extensions w/XDP on a double cabinet)	- 12 CO lines - 28 Extensions	- 30 Lines (12 CO and T1/E1) - 55 IP extensions - 10 analog extensions	- 64 CO lines - 120 Extensions (Digital + IP) - 112 Max. # of analog sets
Voice Mail (option)	- Internal - 3 Options Available - 2 port (5 hour voice storage) - 4 port (10 hour storage) - 8 port (20 hour storage) - Day/Night Auto Attendant - 1 general mail box - 40 mail boxes - 10 phantom mail boxes - 20 group mailboxes - Customizable Courtesy Service - Record-a-Call - Spanish, English & French prompts - Remote access; Password protected	- Internal - 64 mailboxes - 8 port (3 hour voice storage, expandable to 9 hours) - One touch recording - Remote access - Password protected - Basic Voice Mail	- External (KX-TVS120) - 64 mailboxes - 4 port - Up to 18 hours voice storage expandable up to 32 hours - Day/Night Auto Attendant - Spanish & English prompts	- External (KX-TVS120) - 64 mailboxes - 4 port - Up to 18 hours voice storage expandable up to 32 hours - Remote access - Day/Night Auto Attendant - Spanish & English prompts	- External (KX-TVS120) - 64 mailboxes - 4 port - Up to 18 hours voice storage expandable up to 32 hours - Remote access - Day/Night Auto Attendant - Spanish & English prompts	Several voice mail packages are available: 4-port Voice Mail Lite (standard with IP Office); 30-port Voice Mail Pro (optional), and the Voice Mail ProManager GUI. Voice Mail Pro and Lite enable unified messaging by forwarding voice mail to a MAPI-compliant e-mail application such as Microsoft Outlook/Exchange (optional). (IP401 Office - offered outside U.S. only - supports VoiceMail Embedded, an integrated entry-level option using the Voice Compression Module.)	Voice Mail and Auto Attendant software is built-in (4 ports, 250 mailboxes, and 150 storage hours) and can be expanded to 8 ports.	- 4 flavors of voice mails: 1) EliteMail Voice Mail System (VMS) is an optional single interface card that plugs directly into the ElectraElite IPK system. - Supports 2, 4, or 8 ports - 180 hours of storage - Unlimited mailboxes 2) EliteMail Limited Flash Mail System (FMS) is an optional single interface card that plugs directly into the IPK - Supports 2, or 4 ports with 40 mailboxes, 4 hours of storage - Also supports 8 ports with 200 mailboxes, 10 hours of storage 3) EliteMail CMS - optional single interface card that plugs directly into IPK - Supports 2 or 4 ports - 4 hours of storage - 40 mailboxes 4) EliteMail CT1 - optional single interface card that plugs directly into IPK - Supports 4, 8, 12, or 16 ports - 320 hours of storage - Unlimited mailboxes
Account Code Entry (Forced)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Account Code Entry (Optional)	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes
Analog Support	Yes, standard to all extensions	Yes, 22 per system	Yes	Yes	Yes	Yes	Yes	Yes
Automatic CO Hunting	Yes, programmable	-	Yes	Yes	Yes	-	Yes	Yes
Automatic Route Selection	Yes	Yes	-	-	Yes	Yes	Yes	Yes
Background Music	Yes	Optional	Yes	Yes	Yes	-	-	Yes
Battery Back-up	Yes	Yes	Optional	Optional	Optional	Optional	Optional	Yes
Call Logging	Yes	Yes	Yes	Yes	Yes, only display phones	Yes	Yes, only display phones	Yes
Caller ID	Yes -Name and Number to all phones (ECX Phones or Analog Phones)	Yes - Name and Number	Optional, Caller ID card required	Optional, Caller ID card required.	Optional	Optional	Optional	Yes, name and number display.
Caller ID/Call Waiting	Yes (standard)	-	Optional	Optional	Optional	Optional	Optional	Standard
Courtesy Service	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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Door Phone	Yes, 1 or 2	Optional	Optional, Card (up to 4)	Optional, Card (up to 4)	Optional - Card (up to 4)	Optional (max. 2)	option (max. 1)	Optional (max. 4)
Door Strike	Yes (standard)	-	Optional	Optional	Optional	Yes	Yes	-
Executive Override	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Extension/Port Swapping	Yes	Yes	-	-	-	Yes	Yes	Yes
External Page Interface	Yes	Yes	Yes	Yes	Yes, 2 ports	Yes	Yes	Optional
Flexible Station Numbering	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
Group Extensions	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-
Hot Line Extension	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (standard)
Internal Paging (speaker phones)	Yes	Yes	Yes, 8 zones	Yes, 8-zones	Yes, 8 zones	Yes	Yes	Yes
Languages Supported	Spanish/English/French	-	-	-	English/French	Yes (11)	English, French, Dutch, Italian, & Spanish	Yes (4)
Long Line Extension (single line support up to 1.2 miles from switch)	Yes, all extensions	-	-	-	-	-	-	-
Missed Call Log	Yes	Yes	Yes, 20 per station	Yes, 30 per station	Yes, 30 per station	Yes	Yes, only display phones	Yes
Music-On-Hold (external)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Optional
Music-On-Hold (internal)	Yes, 1 source	Yes, 1 source	Yes, 1 source	Yes, 1 source	Yes, 2 sources	Yes, 2 sources	Yes, 1 source	Yes, 1 source
Personal Speed Dial	Yes - 30 per station	Yes - 20 per station	Yes, 10 per station	Yes, 10 per station	Yes, 10 per station	Yes, 10	Yes, 20	Yes
Phantom Extensions	Yes	-	-	-	-	-	-	-
Ring Groups	Yes	Yes	Yes	Yes	Yes	-	Yes	-
SMDR (Station Message Detail Recording)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Station to Station Messaging	Yes	Yes	Yes	Yes	Yes	Yes	Standard	Standard
System Speed Dial	Yes - 500 per system	Yes - 1000 per system	Yes, 100 per system	Yes, 500 per system	Yes, 500 per system	Yes, 1100	Yes, 1000	Yes
Toll Restriction	Yes	Yes	Yes, 5 classes	Yes, 8 classes	Yes, 8 classes	Yes	Yes	Yes
System Phones								
3-Way Conferencing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Backlit display	Yes, ECX 2000 and ECX 1000W (optional)	No	Yes (model KX-T7735, & KX-T7730)	Yes (model KX-T7730)	Yes (model KX-T7730)	-	Yes (IP phones model 5205, 5215, 5220, & 5240)	-
Call Divert	Yes	-	-	-	-	Yes	Yes	Yes
Call Forwarding	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call Hunting	Yes, Linear, Circular, Longest Idle	Yes, Circular	Yes, Terminal or Circular	Yes, Terminal or Circular	Yes, Terminal or Circular	Yes, Circular	Yes, Circular	Yes
Call Parking	Yes	Yes	Yes, 10 zones	Yes, 10 zones	Yes, 10 zones	Yes, 4 zones	Yes	Yes (10 zones)
Call Transfer/Transfer Recall	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Caller ID	Yes, name and number	Yes, name and number	Yes; Caller ID card required	Yes, name and/or number	Yes, name and/or number	Yes	Optional	Yes
Directory Key	Yes, access to Personal/System directories	Yes	Yes	Yes	Yes	Yes	Softkey (LCD)	Yes
Display	Yes, 4 line (ECX 1000, ECX 1000W and ECX 2000) and 2 line display (ECX 100)	Yes, 2x24 character display	Yes	Yes	Yes	Yes	Yes (1-line, 2-line, & 320x240 VGA display)	Yes (8-Line, 16-Line, 32 Line with Display)
Distinctive Ring Tone (CO, Intercom)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DND (Do-Not-Disturb)	Yes	Yes	Yes	Yes	Yes	Yes	-	Standard
DSS Console	Yes, 32 button w/ECX 2000 only	Yes, 48 button	Yes; Max. 2	Yes	Yes, 4 per system	Yes	Yes	Yes
Extension User Name	Yes	Yes	Yes	Yes	Yes	-	Yes	-
Flexible Key Assignments	Yes (CO line, Extension, Feature)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Handsfree Answer	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes
Headset Jack	Yes	Yes	Yes	Yes	Yes	Yes	Yes (5215, 5220 and 5240 IP phones only)	Yes (Built-in)
Hold Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Messaging Key	Display & Voice	Yes	Yes	Yes	Yes	Yes	-	Yes
Multilingual Display	Yes (English/Spanish/French)	-	-	-	Yes	Optional	Optional	Yes
Programmable Keys	ECX 1000 Series- 8 keys, ECX 2000- 16 keys, DSS - 32 keys	Yes, 24 keys	Yes	Yes	Yes	Yes	Yes (16 on 5205 IP phone, 7 on 5215 IP phone, 14 on 5220 IP phone, 9 on 5240 IP appliance, 7 on 5010 IP phone, 14 on 5020 IP phone)	Yes (Flexible line/feature keys programmable by telephone system administrator, & speed dial/feature keys programmable by user).
Speaker Phone	Yes, (ECX 1000, ECX 1000W and ECX2000)	Yes	Yes	Yes	Yes	Yes	Yes (IP phones model 5205, 5215, 5220, & 5240)	Yes
Station Lock	Yes	Yes	Yes	Yes	Yes	-	-	-

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Analog Phones								
Message Waiting Lamp on Analog Phones	Yes, only ECX100	-	-	-	Yes	Yes	Yes	Yes
Caller ID	Yes, name and number	-	-	-	-	-	Yes, if have display screen.	-
Price Range	MSRP: \$105 - \$115	N/A	N/A	N/A	N/A	N/A	Dependent on private label phone manufacturer.	\$22.00 (Reseller Cost)
System Programming	Simple Programming	Simple Programming (80% out of box)	Extensive programming		Extensive programming			
Via Phone	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes (Only through multi-line terminal)
Via PC	Yes	Yes (requires PC)	-	Optional	Optional	Yes	Yes	Yes
Remote Programming	Yes (requires PC)	Yes (requires PC)	-	-	Optional (requires PC)	Yes	Yes (via PC/Modem)	Optional (via PC/modem)
Local Programming	Yes, via ECX Phone or PC	Yes	Yes	Yes	Optional (requires PC)	Yes	Yes	Optional (IP-based administration interface)
Manufacturer Warranty	18 months	24 months	12 months	12 months	12 months	Hardware: 12 months, Software & software media: 90 days	12 months (5 year Extended optional)	90 days