

KSU Specification	ISDN		PSTN		Hybrid	
	Basic	Option	Basic	Option	Basic	Option
ISDN Line (BRI: Basic Rate Interface)	3	0	0	0	2	0
PSTN Line	0	0	4	4	0	4
Voice Service Channel	0	1	0	1	0	1
RS232 serial port	0	1	0	1	0	1
Door Phone (Note 5) / Relay / Sensor	0	1	0	1	0	1
Conference Service (Note 7)	N	Y	N	Y	N	Y
Dimensions (Width-Height-Depth)	(23-29-8 cm)					

- Notes:**
1. ISDN=Pure ISDN system, PSTN=Pure PSTN system, Hybrid=ISDN & PSTN.
 2. Basic Extension : Eight (8) Digital extensions.
 3. Optional Extension : Twenty four extensions max: as eight (8), sixteen (16), or twentyfour (24) Digital extension; or two (2) or eight (8) SLT ext. plus eight (8) or sixteen (16) Digital ext. When more than 16 extension ports are installed, the conference service card is required to be installed.
 4. Digital extensions are formatted as Digital Twin Ports (DTP). One DTP has two extension ports. It can be two Digital Phones or one DK-SLD (with one or two SLT devices attached).

Common Features	
Absent Message	Duration Time Display
Account Code Capability	Executive Override (Barge-In)
Alarm-Station	Flash (Open Loop Timed Flash)
Answer Call Waiting	Intercom
Auto Attendant	Last Number Redial
Automatic Call Back (Camp-On)	Lock/Unlock Extensions
Automatic Answer-Intercom	Music On Hold
Automatic Line Access	Night Mode (Console)
Automatic Redial	One Touch Dialing
Call Waiting	Paging/Meet-Me Page
Call Transfer	Privacy Release
Call Forwarding (Follow Me)	Programmable Keys (DSS Keys)
Camp On	Security Code
Conference (Optional)	SLT HOLD Operation
Direct Call Pickup	System Speed Dial and Personal Speed Dial
Directory Dial for Speed Dial	System Data & Time Setting
DISA(Direct Inward system Access)	Toll Restriction
Do Not Disturb (DND)	Voice Mail Integration
Door phone	



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Digital Keyphone Features					
	DK1-21	DK2-21	DK3-21	DK3-31	DK3-33
On Hook Dialing	*	*	*	*	*
Handsfree Intercom	*	*	*	*	*
Handsfree Outside Call	*	*	*		
Dual-color LED	20	22	10	10	10
Digital Volume Control	*	*	*	*	*
Variable Ring Tone	8	8	8	8	8
Large LCD Display-16x2 characters	*	16x4	*	*	
Headset Capability	*	*	*		

5. System allows one analogue door phone (requires one SLT port). DK-DPU1 and ACP are door phone devices for use on digital ports (multiple use allowed).
6. External Music Source is a standard feature.
7. Conference Service: Provide 32 channels with maximum 10 conference groups.

Special System Features
 Caller ID on SLT extensions.

ISDN Special Features
Broker Call
Call Forwarding - External
Call List
Calling Line Identification Presentation
Calling Line Identification Restriction
Connected Line Identification Presentation
Connected Line Identification Restriction
DID Capability
Display Call Charges
Multiple Subscriber Number (MSN)
Point to Multi-Point Number
Point to Point Configuration
Sub-addressing
User to User Signaling

Note:
 The availability of the above mentioned ISDN features is dependant on the features being offered by the local telephone company (TELCO).



Note : All digital phones available in either charcoal (B) or ivory (W) colour.

G1-824

ISDN Digital Telephone System



Make sure you have the following features when buying a new Digital Hybrid System !!

Full ISDN Features

Don't purchase a system without ISDN capability! The Hybrex G1 digital system allows you to install PSTN & ISDN in one box and enjoy full ISDN features when accessing an ISDN line-such as Caller ID and Direct Inward Dial facility. You can easily control the budget for different outside line arrangements.

Note : The availability of above mentioned ISDN features depends on the services provided by the local telephone company (TELCO).

Integrated Caller ID

The Hybrex G1 now has integrated Caller ID for PSTN connections. This integration option is complete in that caller ID for incoming lines as well as intercom calls is also available on G1 SLT extensions - so you will know who is calling when you are using your ID enabled wireless handset or single line equipment.

Note : Requires caller ID from your Telco.

Least Cost Routing

Use Least Cost Routing (LCR) to reduce your communication costs! With Hybrex integrated LCR you can program the carrier or channel used according to the number dialed and/or the time of day. Operation is transparent to the user and can provide a significant business advantage.

Normal Call Route

0 00 866 2 29645752

00 886 2 29645752



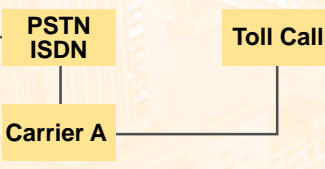
LCR-Least Cost Routing (example)

Users don't need to remember any complicated carrier codes!

0 00 866 2 29645752

0168 886 2 29645752

Enable LCR



Digital Twin-Port

The Hybrex G1 offers the advanced feature of Digital Twin Ports : two digital keyphones on each system port. Each keyphone operates independently of the other (no master/slave relationship) and is easily selectable for 'A' or 'B' position by a switch on the handset. This feature provides easy cabling, easy expansion and easy maintenance.

Legend

- 1 Large LCD Display :16 by 2 characters.
- 2 PRG : Programming Key for Speed dial and other features.
- 3 SAVE : Functions as "Enter" to confirm the settings.
- 4 Flexible assignment Keys with Dual-color LED display.
- 5 VOL Up/Down : Set Handset Receiving Volume/Ringing Tone level/Speaker loudness.
- 6 REDIAL : Last number redial key.
- 7 SPD : You can use this feature to access frequently dialed telephone numebrs. There are three types of speed dial in the system, numeric personal speed dial, DSS personal speed dial and system speed dial.
- 8 TRF/FL (Transfer/Flash): Call Transfer/Outside line Flash key for line disconnection or exchange functions.
- 9 HOLD : Hold CO line or Intercom key.
- 10 SPK : Speaker key to answer or release call during handsfree and headset operation.
- 11 MIC/AT : Microphone enable and disable key/Auto Answer setting.
- 12 DND/CN : DND-You can block incoming ringing from individual extensions, including paging announcements to you. Any station that calls you and is equipped with an LCD will see "Do Not Disturb" on the LCD. CN-You can conference any multiple parties, internal or outside CO lines.
- 13 MSG : Message Waiting Key.
- 14 Microphone : Microphone for Handsfree feature.
- 15 Dial Key Pad : Key in the number.
- 16 Flexible Function Key : Can be re-assigned to optional Menu Keys.
- 17 Speaker : For paging ringing & handsfree operation.

Typical Applications:

• G1-408: ISDN SOHO System (Small Office and Home Office)

Equip with two ISDN BRI's (four lines) and eight digital extensions (four Digital Twin Ports) as an initial system. Enjoy full ISDN features on outside lines. For any analogue devices you wish to use there are optional cards available to provide either two or eight SLT extensions to utilize your cordless phones, answer machines, or modems. Should you require more: DK-SLD devices provide two SLT extensions from a Digital Twin Port for "voice only" devices such as DTMF and cordless phones.

• G1-824: Digital Hybrid System

Equip with 4 PSTN lines, 8 Digital extensions as an initial system. Expandable on the trunk side to either 8 or 10 lines: as 8 PSTN lines, or 4 PSTN plus 2 ISDN BRI (4 lines), or 4 PSTN plus 3 ISDN BRI (6 lines). Expandable to 24 extensions: as 8, 16, or 24 digital extensions, or 8 or 16 digital extensions plus 2 or 8 SLT extensions. An optional Voice Service Card is available to perform Auto Attendant functions to enhance staff productivity. To control or monitor premises access the options include our ACP device and/or digital or analogue door phones. To manage communications costs, in concert with LCR, the options of GSM router or VoIP gateway are also available. All of the above contribute to an efficient, effective, an economical office communication environment.

