

## Specifications

ITEM	DESCRIPTION	SPECIFICATION
CPU		ARM7 TDMI core(32bit, 50MHz)
Switching Device		Custom Mixed-Signal ASIC Device
Memory Back-up Duration		10 years
PSU	AC Voltage Input	100-240 +/- 10% Volt AC @47-63Hz
	AC Power Consumption	90W
	AC Input Fuse	2A @250Volt AC
	DC Output Voltage	+5, -5, +27, +30Volt DC
External Back-up Battery	Input Voltage	+24 Volt DC(+12VDC x 2ea)
	Battery Fuse	5.0A @250Volt AC
	Charging Current	Max. 200mA
	Battery Load Current	Max. 3A (only BKSU), Max. 6A ( BKSU + EKSU)
Ring Signal		75Vrms, 25Hz
External Relay Contact		1A @ 30Volt DC
Music Source Input		0dBm @ 600ohm
External Paging Port		0dBm @ 600ohm
Ring Detect Sensitivity		30Vrms @ 16-55Hz
DTMF Dialing	Frequency Deviation	Less than +/-1.8%
	Signal Rise Time	5 ms
	Tone Duration, on time	Min. 50 ms, Normally 100 ms
	Inter-digit Time	Min. 30 ms, Normally 100 ms

ITEM	DESCRIPTION	SPECIFICATION
Pulse Dialing	Pulse Rate	10 PPS
	Break/Make Ratio	60/40% or 66/33%
Operating Environment	Temperature	0 (°C) – 40 (°C)
	Humidity	0 - 80% (non-condensing)
Dimension	KSU	339mm(W) x 288mm(H) x 85mm(D)
	Expansion KSU	339mm(W) x 288mm(H) x 85mm(D)
Weight	KSU	1.8 Kg
	Expansion KSU	1.8 Kg
MODU	Analog Modem	Bell, ITU-T, V.34 V.32BIS, V.90
	Speed	300bps up to 33Kbps speed rate
	Connection	Automatic rate negotiation
VOIB	LAN Interface	10 Base-T Ethernet (IEEE 802.3)
	Speed	10 Mbps (Auto-Negotiation)
	Duplex	Half Duplex or Full Duplex (Auto-Negotiation)
	VOIP Protocol	H.323 Revision 2
	Voice Compression	G.711/G.726/G729/G.723.1
	Voice/Fax Switching	T.38
	Echo Cancellation	G.165

DESCRIPTION	CAPACITY/BOARD	TOTAL
Time Slots		128
CO Line Ports	4/CHB308	12
Max Direct Station (DKT, SLT, DSS) Connections	4/CHB308	32
External Relay Contact	2/MBU	2
LAN	MBU, VOIB, E1HB8	3
MODEM Channel	1/MODU	1
Attendant Positions	5/System	
Intercom Links	Non-Blocking	
Paging - All Call - Internal		1 zone 5 zones
Station Speed Dial	100/station, 24 digits each	500
System Speed Dial	24 digits each	500
Last Number Redial	15-50 (by admin programming)	32 digits
CO Line Group	8	8
Station Group	10	10
Conference	3-15 Party	All ports are available
Multi-Conference	3-15 Party	Max. 3 groups
Internal MOH (13 Music Sources)	1/MBU	1
External MOH	1/MBU	1
External Paging Port	1/MBU	1
External Relay Contact	2/MBU, 2/EMBU	4
Alarm Input	1/MBU	1
RS-232C Port	1/MBU	1
DTMF/CPT Receiver Channels	16 chs/MBU	16 chs
FSK Receiver Channels	16 chs/MBU	16 chs
PFT Circuit	1/MBU, 1/EMBU, 1/CHB308	3