

Vpot-30 iPBX System

Technical Specification

Version 1.1

Revised

on

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CONNECTION ELECTRONICS LTD.

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1. X200-K45 iPBX SERVER TECHNICAL SPECIFICATION

ITEM	SPECIFICATION
Processor	Intel Celeron 430
Chipset	Intel 945GC + ICH7
Memory	1GB DDR-2
Ethernet	IEEE 802.3u 100Base-T compliant 10MB/s,100MB/s,1GB/s
Hard Drive	160GB 3.5-inch SATA II Hard Drive x 2 (RAID 1)
Operating System	Debian GNU/Linux 4.0 (Etch) 64-bit
Application Software	Vpot-30 iPBX Server Package
AC Power	AC 100-240V 50-60Hz
Power	100W
Dimension	280mm(L) x 190mm(W) x 170mm(H)
Weight	4KG
Operation Temperature	0-40°C
Humidity	10-95% (non-condensing)

Table 1: X200-K45 iPBX Server Technical Specification

2. E800 RFID IP PHONE SPECIFICATION

2.1 E800 RFID IP PHONE HARDWARE SPECIFICATION

ITEM	SPECIFICATION
LCD Display	2 lines by 16 characters.
LED Display	5 Dual Colour LED (Green/Red) 1 Red Colour LED
LAN Port	10Mbps Full/Half Duplex 10BaseT Ethernet
Hardware Button	5 Dual Colour Display Buttons 1 Red Colour Display Buttons 27 No Display Buttons
DC Power Input	DC 12V 250mA
AC Power Adaptor	Input : AC 240V 50-60Hz Output : DC 12V 250mA
Dimension	230mm(L) x 180mm(W) x 87mm(H)
Weight	1.02KG (Include AC Power Adaptor)
Operation Temperature	0-40°C
Humidity	10-95% (non-condensing)

Table 2: E800 RFID IP Phone Hardware Specification

2.2 E800 RFID IP PHONE TECHNICAL SPECIFICATION

Item	Specification
Max. Call Handling	4 Calls
Protocol Support	IAX (RFC 5456)
Display	2 lines by 16 characters LCD
Feature Keys	Speakerphone Key Dual Colour Display Line Key x 4 Dual Colour Display Conference Key Programmable Key x 3 Soft Key x 3 Transfer Key Hold Key Call Key Release Menu Key Display Key Up Key Down Key
Firmware Upgrade	Remote Firmware Upgrade
Audio Feature	Digital Signal Processing (DSP) Support G.711 a/μ-law Speakerphone Mode Acoustic Echo Supression Adaptive Jitter Buffer Control Packet Loss Concealment
Firmware Upgrade	Remote Firmware Upgrade
Network Support	Support DHCP Client Support Fixed IP Address LAN Failure Detection LAN Condition Monitor Support NAT traversal
Programming	Support LCD Display Menu Driven On-line Key Input Programming

Vpot-30 iPBX System - Technical Specification

Item	Specification
Telephony Features	Call Hold Call Transfer (Attended/Blind) Call Forward Call Timing Call Waiting Caller ID Display Conference Call Recording All Call Log Dialed Call Log Missed Call Log Received Call Log Do-Not-Disturb (DND) Last Number Redial Missed Call Indicator Multiple Call Control Multi-parties Conference Mute Off-hook Monitor On-hook Pre-dialing & Editing Paging Phonebook Phonebook Search Voice Recording Voicemail Indicator Selectable Ring Tones Speed Dialing Turbo Dialing Ring Tone Volume Control Speakerphone Volume Control Handset Volume Control Programmable Feature Keys RFID Login/Logout RFID Attendance Record

Table 3: E800 RFID IP Phone Technical Specification

2.3 E800 RFID IP PHONE FRONT COVER LAYOUT

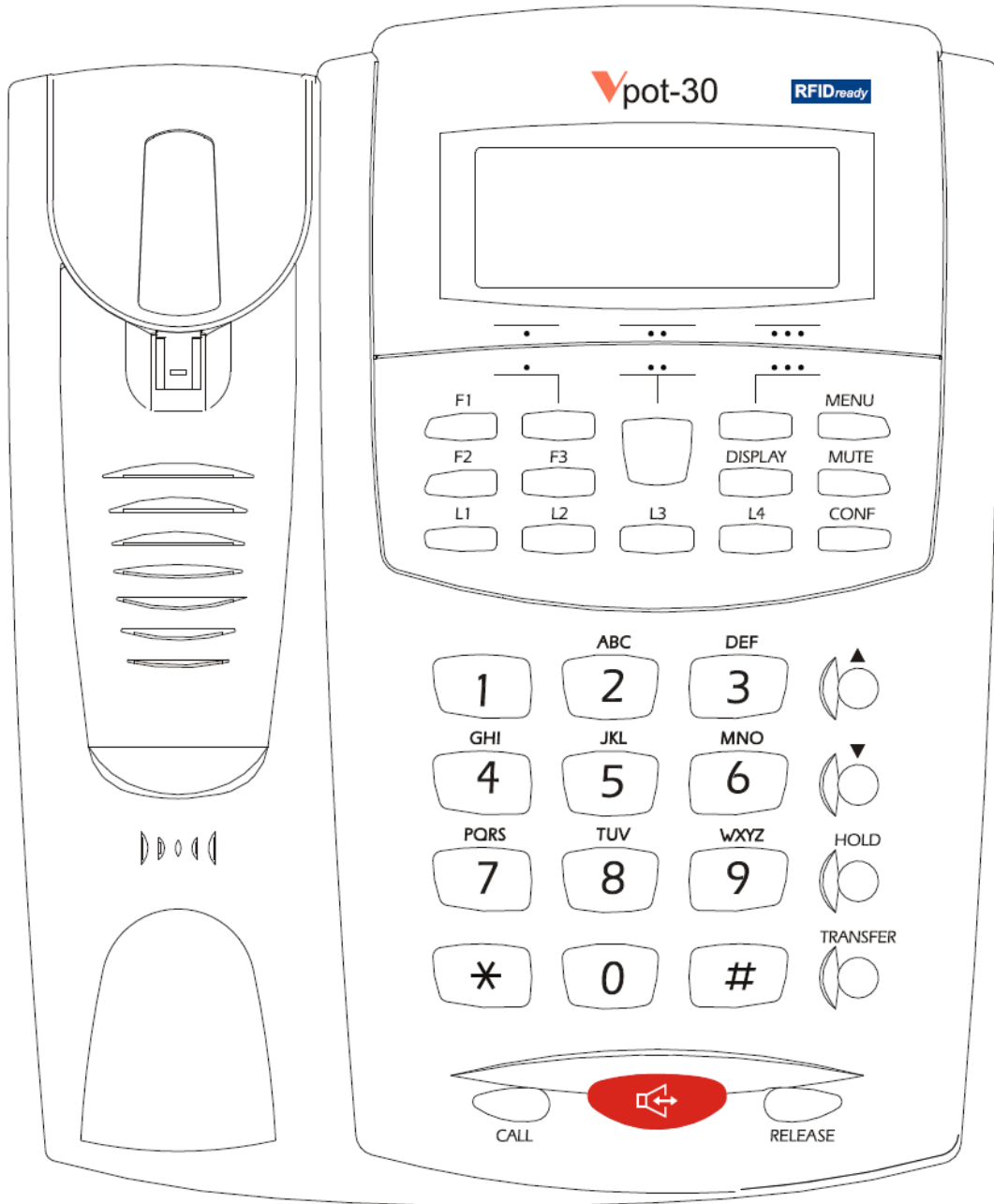


Figure 1: E800 Front Cover Layout

2.4 BUTTONS

Name	LED	Description
0~9, *, #	-	Standard 12-button pad for dialing phone numbers.
SPEAKER	Red	Switch on speaker for the listen-only, one-way Speakerphone feature.
CALL	-	Send the digits out or view All Call Log..
RELEASE	-	Terminate a call or cancel an operation.
HOLD	-	Place a call on hold.
TRANSFER	-	Transfers a call.
▲ & ▼	-	Adjusts volume and scrolls multi-line information on LCD display.
L1~L4	Green and red	Handle maximum of four calls.
CONF	Orange	Sets up a conference call with more than one other person.
MUTE	-	Turn off the active handset microphone, to prevent other person from hearing you.
DISPLAY		Display call information.
MENU	-	Access main menu.
F1~F3	-	Programmable function keys.
SOFT KEYS 1~3	-	Accesses soft-defined functions on LCD display.

Table 4: Buttons Summary

2.5 LED INDICATORS

Key	Color	State	Description	
SPEAKER	Red	On	Speaker is active.	
		Fast Blinking	Incoming call.	
		Slow Flash	Message waiting.	
		Off	Other states.	
L1~L4	Green	On	Intercom call is in talking stage.	
		Fast Blinking	Ringing intercom call.	
		Slow Blinking	Intercom call is on-hold.	
		Fast Flash	Intercom call is in transfer-hold stage.	
	Red	On	Trunk call is in talking stage.	
		Fast Blinking	Ringing trunk call.	
		Slow Blinking	Trunk call is on-hold.	
		Fast Flash	Trunk call is in transfer-hold stage.	
	Orange	Fast Blinking	The call is calling back.	
		Off	Idle.	
	CONF	Orange	On	Multi-parties Conference is on.
			Slow Blinking	Unattended Conference.
Off			Conference Room is idle.	

Table 5: LED Indicators Summary

2.6 LED BLINKING PATTERN

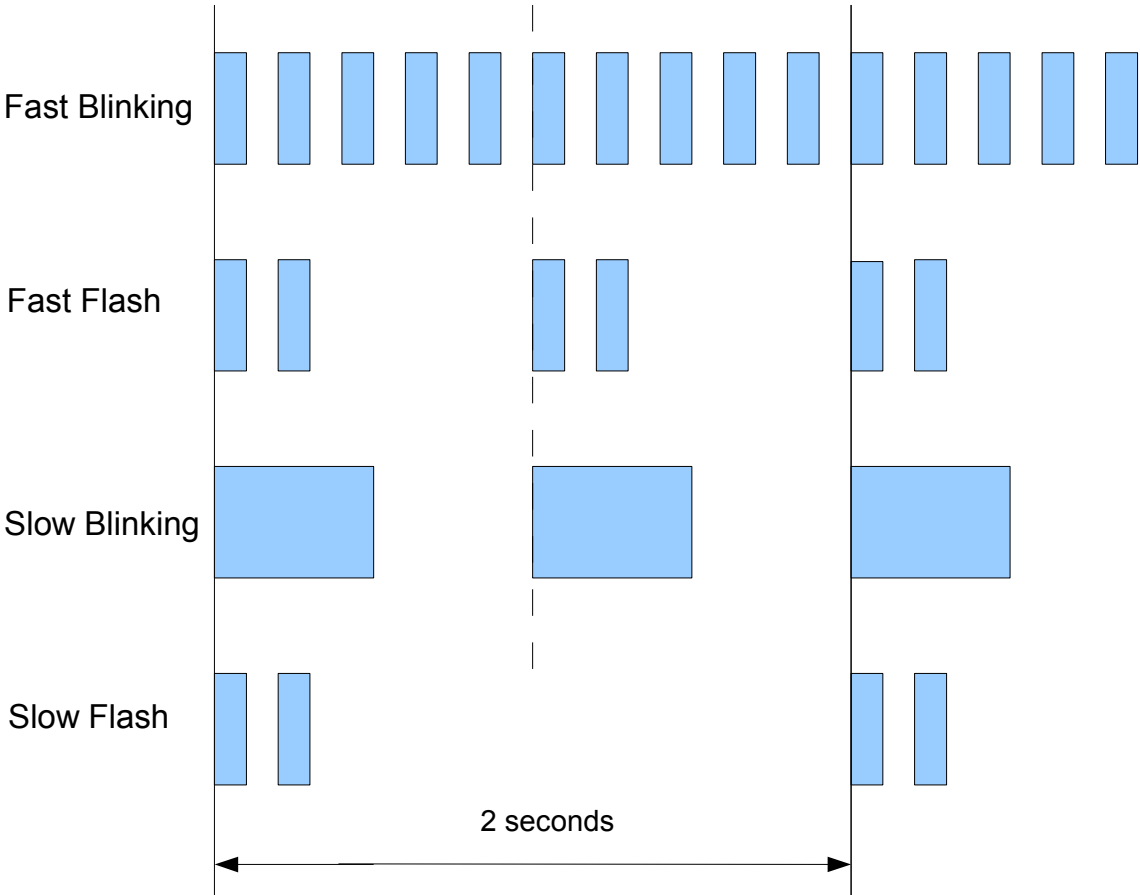


Figure 2: LED Blinking Pattern

2.7 TONE PATTERN

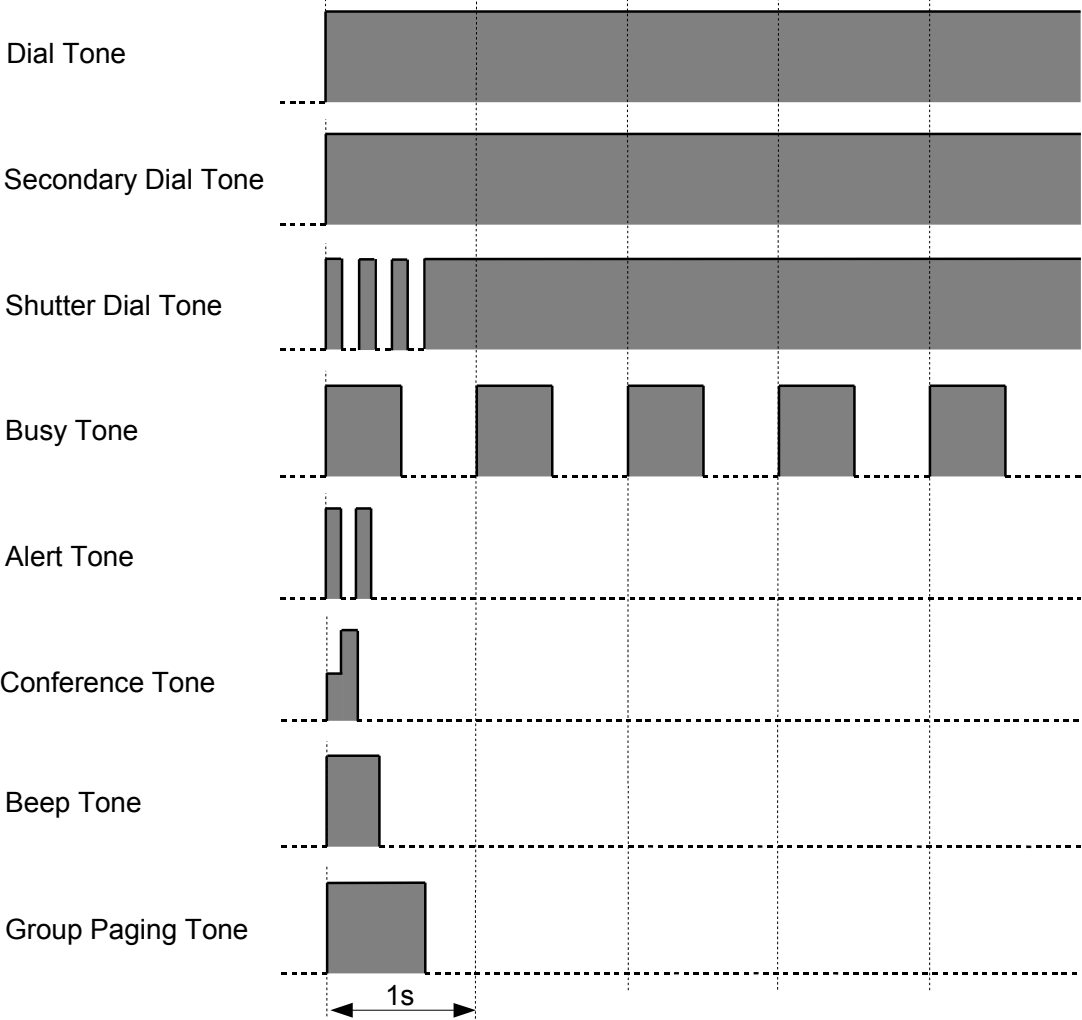


Figure 3: Tone Pattern

2.8 RING PATTERN

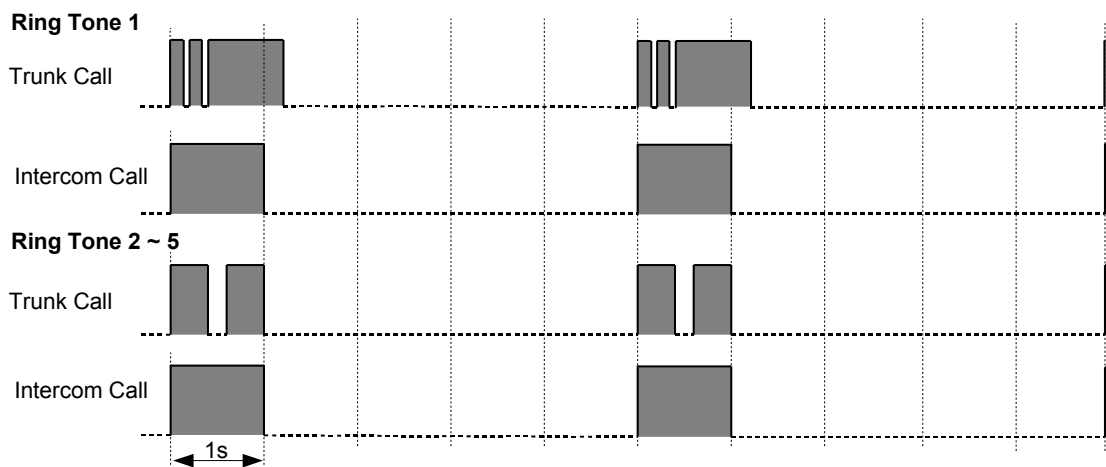


Figure 4: Ring Pattern