



**Model:**  
**NRP1200/P**

#### About New Rock Technologies, Inc.

New Rock Technologies, Inc. is a leading provider of Voice over IP products in China, offering wide range of VoIP products including all-in-one IP-PBX, hybrid IP-PBX, media gateway, session boarder controller, and related application software. We work with service providers, system integrators, distributors, resellers, independent software vendors, as well as OEM partners.

[http://www.newrocktech.com/index\\_E.asp](http://www.newrocktech.com/index_E.asp)

## Basic Feature

- Support SIP 2.0 (RFC3261) and correlative RFCs
- SIP supports 4 SIP servers, and backup SIP servers. Can connect to these SIP servers at the same time
- Support SIP UDP/TCP/TLS
- Voice Codec: G.711A/u, G.7231 high/low, G.729a/b, G.722, G.726, iLBC, AMR-NB, AMR-WB
- Video Codec: H.263, H.264, MPEG4
- Video solution: QCIF, CIF, 4CIF, QVGA
- Image format: PEG, PNG, GIF and BMP
- Video format: mp4, 3gp and flv
- Echo cancellation: G.168 Compliance in LEC, additional acoustic echo cancellation(AEC) can reach 96ms max filter length in hands-free mode
- Support Voice Gain Setting, VAD, CNG
- Support jitter buffer
- Full duplex hands-free speakerphone
- SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/ IP call
- DTMF Relay: support inband, SIP info, RFC2833
- Support customized music rings
- Support STUN
- Support SMS based on SIP
- Volume(handfree/handset/headset/ring) adjustment
- Visual angle adjustable display screen
- Professional Speaker/handset HD Voice
- Ergonomic handset(acoustical cochlea)

## Advanced Application Features

- Touched, Large dot matrix LCD display and softkeys make user easier to use
- Friendly graphic menu
- Multilanguage realizes localization
- SIP application: support forward/transfer (blind/attended/alert)/ holding/ waiting/3 ways conference/call park/pickup/ join call/redial and unredial/click to dial
- Support multi line and predial
- Support messaging and MWI
- Voice recording during talking /local
- Call control features: flexible dial plan, dial peer,hotline, empty calling no. reject service, call firewall for reject authenticated call, white list, limit call, do no disturb, auto answer, caller ID, CLIR (reject the anonymous call), CLIP (make a call with anonymous), Dial without register
- Support call logs with missed calls/incoming calls/outgoing calls; The upper bound of all logs about these types is 500
- Support local Phonebook (XML/CSV/VCF) with 2000 entries
- Phonebook records export/import
- Support remote Phonebook
- Support Memory Key
- Support Camera, Gallery, Picture frame and Screen saver
- Media player(mp4, mp3, wav, wma)
- USB disk file management
- System files management
- Support Alarm Clock and Calendar
- Support Browser to surf the internet
- Support Calculator with basic calculation
- Support Calibration to calibrate the screen
- Support Email
- Support Note pad
- Support SysLog and Web Capture
- Support Action url, Active uri

## Network Features

- WAN/LAN: support bridge mode
- Support PoE(802.3af)
- Support DHCP Client on WAN
- Support main DNS and secondary DNS server
- Support VLAN
- Support NTP Client
- Support VPN L2TP, Open VPN/TLS, SRTP, HTTPS
- Support QoS:802.1p/q, Diffserv
- Support MD5 authentication
- Network tools in telnet server: including ping, trace route, telnet client
- Support Web Filter

## Maintenance and Management

- Android 2.1
- Third party android application, e.g. email, IM, internet Radio, web browser
- Application market
- Desktop/google search
- Desktop widget
- Web ,telnet and keypad management
- Management with different account right
- Support automatic upgrades/configuration deployment
- Support encrypted configuration files download with AES
- Support pushing message
- Support Auto Provision(DHCP option/PnP/Phone flash)
- Support TR-069

## Specification

Item	NRP1200/P	
Adapter(Input/Output)	Input: 100-240V    Output: 12V/1A	
Port	WAN	10/100Base-T RJ-45 for LAN
	LAN	10/100Base-T RJ-45 for PC
	Headset	3.5mm
	HDMI	A type
	USB	USB 2.0
Power Consumption	Idle: 2.5W/Active: 5W	
LCD Size	Diagonal: 7 inch	
Camera	2 mega pixel	
Operation Emperature	0~40℃	
Relative Humidity	10~65%	
CPU	Broadcom	
SDRAM	256MB	
Flash	512MB	
SD Card	1GB	
Weight	phone:1.2kg/total:1.8kg	

## Certification

