

PROFESSIONAL CORDLESS SIP SOLUTION



DU@Lphone™
Taking internet telephony a step further
3081



Introduction



The DUALphone 3081 is a cordless dect 2in1 solution, which works both as a cordless sip voip (internet) phone and as an ordinary cordless landline phone. The phone is designed and developed for both residential and soho use. With its timeless scandinavian stylish design it fits into both the modern home and office environment.

With 8 handsets (each with individual phone numbers) connected to the gateway, 3 sip calls and 1 pstn call simultaneously, and the build in pbx functionality – the phone is a perfect work tool for smaller enterprises and it just makes every day at work a bit easier.



USP	Explanation	Consumer benefit
8 handset capability	DUALphone 3081 supports up to 8 handsets.	The handsets may be placed wherever it is needed.
4 Simultaneous calls	3 VoIP calls + 1 PSTN call	
Wireless freedom	Cordless handset	Up to 50 metres indoor range and 300 metres outdoor range.
Messaging indicator	Antenna LED flashes when there are missed calls or voicemails.	Messaging notification indicator on handset.
Superior voice quality	RTXs Danish designed Audio technology	Crystal clear sound

“Auto Provisioning by ITSP configuration server”



1. When the DUALphone 3081 is connected to the internet, it contacts the RTX configuration server. The phones MAC address is recognized as “belonging” to a certain ITSP.
2. The RTX configuration server sends an ITSP specific configuration file that contains the address of the ITSP configuration server.
3. The DUALphone 3081 connects to the ITSP configuration server.
4. The ITSP uploads a configuration file to the DUALphone 3081 and the phone is now ready to use.

“Local web-interface”

The DUALphone 3081 can be manually configured by the end-user by a local web-interface. This option is not recommended, since the setup options are very advanced.

USP	Explanation	Consumer benefit
Speaker phone		The handset can be used in a conference from a meeting.
Helpline and software updating	RTX has created product support website for the DUALphone 3081	
Plug & Dial	“4Steps2SIP”	Easy to install / Easy to use
2-in-1 telephone	1. Internet telephone 2. Ordinary landline telephone	Keep your old phone number, but you can call out at low price.
Bridging	Explanation: Call your gateway from another phone e.g. your cell phone; your call will then be transferred to a local line via the gateway Consumer benefit: Make international calls at low rates	



Features

- Caller Identity with name from phonebook (CID/CLIP)
- Phonebook: 170 entries
- Auto answer (when handset is lifted from charger)
- Call log: incoming/outgoing/missed calls
- Call return (from call log)
- Speed dial
- Call hang up – upon return to charging cradle
- The phone software can be updated

Audio features

- Mute (disable microphone – softkey activation)
- Receiver volume control – 6 levels
- Ring tones melodies (polyphonic generator, 10 pre-programmed tones)
- Ringer volume – 6 levels + off (silence ringer)
- Key sounds – click, DTMF and special tones (2)
- Low battery & out of range audible warnings
- Speaker phone
- Headphone jack (2.5 mm)

Multi-user features

- Multiple handset capability: 8 handsets w/ 8 individual VoIP telephone numbers (URI)
- 3+1 simultaneously calls, 3 VoIP calls and 1 PSTN/landline call.
- Call transfer, call hold (internal calls)
- Intercom – handset to handset
- 3 parts conferencing
- Call groups

Supported operator services

- Calling Line Identification Presentation (CLIP/CID)
- Call forward all, on busy, on no answer
- Voice mail support (reception and handling of voice mail indication, and call to voice mail server)
- Call transfer via SIP

If the end-user wants to set-up the DUALphone 3081 with his own unique settings, there is a local web-based interface where the configuration settings can be entered.

Technical specifications

Telecommunications

- Telephony via Internet using a SIP Internet Telephony Service Provider
- Telephony via Public Switched Telephone Network (PSTN/ POTS)
- Range: Indoor up to 50 metres/Outdoor up to 300 metres
- Talk time: 8 hours/Standby time: 240 hours
- Speaker phone
- Graphical color display (128 x 128 bit, 65,536 colors and backlit)
- Message waiting indicator (missed calls, voice mail)
- Superior voice quality

Configuration

- The DUALphone 3081 can be configured in three ways: "4Steps2SIP", "Auto-provisioning by ITSP configuration server" or by "Local web-interface".

"4Steps2SIP"

RTX provides a configuration server with configuration templates for a lot of different Service Providers (ITSPs). The configuration server is accessible from the internet and the end user can choose Service Provider and login to his personal account from the handset in 4 steps.



Step 1



Step 2



Step 3



Step 4