



BOGEN VoIP ADMIN PHONE— COLOR TOUCH DISPLAY

Model NQ-T1100



DESCRIPTION

The Bogen NQ-T1100 VoIP phone (by Yealink) offers a large 7" color touch screen that makes navigating Nyquist C4000 System* features and menus swift, easy and convenient. The NQ-T1100 employs Yealink's Optima HD Voice technology and a wideband codec for unparalleled audio clarity.

KEY FEATURES & BENEFITS

HD Audio

Optima HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance, allowing the NQ-T1100 to deliver higher HD audio quality than other VoIP phones in a high traffic network environment. And its hearing aid compatible (HAC) handset helps individuals with hearing loss to experience voices more clearly.

Easy Customization and High Expandability

The NQ-T1100 has a seven-inch, 800 x 480-pixel, backlit-color touch screen, which enables a rich visual presentation and easy navigation. A built-in USB 2.0 port can also be used for Bluetooth headset connectivity. The phone has 29 one-touch DSS keys which can be programmed to various features.

Efficient Installation and Provisioning

The NQ-T1100 supports auto-provisioning to help deliver 'zero touch provisioning' – eliminating any complex manual settings – making the NQ-T1100 simple to deploy, easy to maintain and upgrade.

Secure Transport and Interoperability

The NQ-T1100 uses SIP over Transport Layer Security (TLS/SSL), which is the latest network security technology.

ADDITIONAL FEATURES

Audio Features

- HD voice: HD handset, HD speaker
 - Hearing aid compatible (HAC) handset
 - Codecs: Opus, G.722, G.711(A/μ), G.723.1, G.729AB, G.726, iLBC
 - DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC

Feature Keys

- 29 one-touch DSS keys
- 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- 6 navigation keys
- Volume control keys
- Illuminated mute, headset and hands-free speaker phone key

Phone Features

- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Group listening, SMS, emergency call
- Redial, auto answer
- Local 3-way conferencing
- 3-way conferencing
- Call park, call pickup
- Ring tone selection/import/delete
- Set date time manually or automatically
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- USB port (2.0 compliant) for optional Bluetooth headset Enhanced DSS key



The **C4000 Series** is built upon Bogen's award-winning Nyquist software-based IP communications platform, which provides users with unparalleled flexibility and scalability, whatever their application.

ADDITIONAL FEATURES

Directory

- Local phonebook holds up to 1000 entries
- Black list
- Nyquist XML remote phonebook
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded
- Display and Indicator
- 7" 800 x 480-pixel color touch screen with backlight
- 24-bit depth color
- LED for call and message waiting indication
- Background wallpaper
- Intuitive user interface with icons and soft keys
- Caller ID with name, number and photo
- Screensaver
- Power saving mode

Interface

- 2 x RJ-45 Gigabit Ethernet ports
- Power over Ethernet (IEEE 802.3af), Class-3
- 1 x USB port (2.0 compliant)
- 1 x RJ9 handset port
- 1 x RJ9 headset port
- 1 x RJ12 EXT expansion port (Not used)

Management

- Configuration: browser/phone/auto-provision
- Auto-provision via Nyquist server for mass deployment
- Phone lock for personal privacy protection
- Reset to factory, reboot
- Package tracing export, system log

Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- NAT traversal: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP/PPPoE
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- UDP/TCP/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS/DSCP
- SRTP for voice
- Transport Layer Security (TLS)
- HTTPS certificate manager
- OpenVPN, IEEE802.1X
- IPv6
- LLDP/CDP/DHCP VLAN
- ICE

Other Physical Features

- Wall-mountable (optional)
- External AC adapter (optional):
 - AC 100-240V input and DC 5V/2A output
- Power consumption (Optional AC adapter): 2.23-7.29W
- Power consumption (PoE): 3.19-10.78W
- Dimensions: 266mm W x 226mm D x 185mm H x 54mm T
- Operating humidity: 10% - 95%
- Operating temperature: -10°C - 50°C

Package Contents

- Bogen NQ-T1100 VoIP phone base unit
- Handset with handset cord
- Ethernet Cable (2m CAT5E UTP Cable)
- Attachable Stand
- Quick Start Guide

A & E SPECIFICATIONS

The Nyquist VoIP Admin Phone (NQ-T1100) with Color Touch display panel shall show the time of date, the station numbers, and the call-in priority of staff stations that are calling in. Depending upon the system CoS programming, a VoIP Admin Phone can display menus to activate Zone Paging, All-Call Paging, Emergency All-Call Paging, alarm signals, audio files, and external functions. The Admin phone has been designed with two RJ-45 Gigabit Ethernet ports one for connection to a PoE port on the LAN and one pass through for connecting a PC or other networked device. The phone can be desk or wall mountable with included bracket. Systems that do not provide these capabilities as a minimum will not be considered equal.

Limited Warranty, Exclusion of Certain Damages

The **NQ-T1100** is warranted to be free from defects in materials and workmanship for five (5) years from the date of sale to the original purchaser. Any part of the product covered by this warranty that, with normal installation and use, becomes defective (as confirmed by Bogen upon inspection) during the warranty period will be repaired or replaced by Bogen, at Bogen's option, with new or refurbished product, provided the product is shipped insured and prepaid to: Bogen Factory Service Department: 4570 Shelby Air Drive, Suite 11, Memphis, TN 38118, USA. Repaired or replacement product(s) will be returned to you freight prepaid. This warranty does not extend to any of our products that have been subjected to abuse, misuse, improper storage, neglect, accident, improper installation or have been modified or repaired or altered in any manner whatsoever, or where the serial number or date code has been removed or defaced.

THE FOREGOING LIMITED WARRANTY IS BOGEN'S SOLE AND EXCLUSIVE WARRANTY AND THE PURCHASER'S SOLE AND EXCLUSIVE REMEDY. BOGEN MAKES NO OTHER WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED AND EXCLUDED TO THE MAXIMUM EXTENT ALLOWABLE BY LAW. Bogen's liability arising out of the manufacture, sale or supplying of products or their use or disposition, whether based upon warranty, contract, tort or otherwise, shall be limited to the price of the product. **IN NO EVENT SHALL BOGEN BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF DATA OR LOSS OF USE DAMAGES) ARISING OUT OF THE MANUFACTURE, SALE OR SUPPLYING OF PRODUCTS, EVEN IF BOGEN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES.** Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

Products that are out of warranty will also be repaired by Bogen Factory Service Department -- same address as above or call 201-934-8500, at owner's expense. Returned products which do not qualify for warranty service, may be repaired or replaced at Bogen's option with a previously repaired or refurbished items. The parts and labor involved in these repairs are warranted for 90 days when repaired by the Bogen Factory Service Department. All parts and labor charges as well as shipping charges will be at the owner's expense.

All returns require a Return Authorization number. For most efficient warranty or repair service, please include a description of the failure.

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