ANNUNCICOM

ANNUNCICOM 100

Network intercom and PA component for commercial, industrial and security applications

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Transmits voice, alarm messages , pre-recorded announcements and music over the network to any specific location

For Paging / Intercom communication in residential, commercial and public buildings, e.g. airports, shopping malls and remote facilities such as store chains

Communicates over a standard network connection (10/100 Mbit/s) and supports TCP/IP-Protocol. Integrated web server for control and configuration

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Technical Specifications

Audio Formats:
MP3 up to 144 kBit variable bit rate (Mono), G.711(uLaw/aLaw @ 8 or 24 kHz) and PCM (16bit @ 8 or 24 kHz)

Discrete Interfaces:
2 discrete Inputs (talk and door buttons), 1 Relay output for doorstrike or buzzer

Audio Interfaces:
Mic In (3.5 mm Jack, 3 pin, with bias power), Line In (RCA 2Vpp max), Line Out (RCA, 4.2Vpp max), Speaker Out (2 Watt @ 4 Ohm), level, bass and treble adjustable by browser

Control Interfaces:
RS-232 DSub 9pin male, 300..115200 Baud, web server for control and configurtion, browser based, serial port or Ethernet control API for automation systems

Network Interface:
RJ45 10/100 Mbit Ethernet (Auto), TCP/IP, UDP, DHCP, SNMP, AutoIP, SonicIP, IPzator

Misc:
Two status LEDs, reset/factory default button USB1.1 interface for memory sticks (FAT16)

Power requirements:
9 to 30VDC / 12 to 24VAC, 8 Watt max. power supply included (250g)

Case:
Aluminum, 460g, 4.25" x 1.5" x 4.92" 108mm x 38mm x 125mm

Operating temperature / humidity:
0 - 40°Celsius / 32 - 104 Deg. Fahrenheit 0-70% relative humidity, non-condensing

Certifications:
FCC A, CE A, RoHS compliant (lead free)

Overview

The Barix Annuncicom 100 is a network-based intercom device. The Barix Annuncicom 100 is an ideal solution for monitoring entrances and providing intercom and alarm functionality in large residential, commercial, public, and military building complexes, including airports, production facilities, shopping malls, and remote facilities.
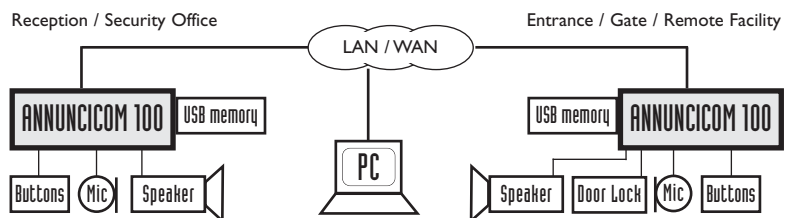
Barix Annuncicom 100 can work with other Barix Annuncicom 100 devices in a stand-alone configuration or seamlessly interoperate with PCs (using the soundcard), central management or telephony systems, and standard IT infrastructures.

A two button (Talk & Door, Talk & Emergency etc.) and relay output interface is available for talk-back and door entry solutions. Recorded messages and tones can be played from the internal flash memory which can be extended up to 2GB using a standard USB memory stick.

With an optional wireless connection and power backup, the Barix Annuncicom 100 remains functional even if buildings or homes suffer from severe damage or loose wired network infrastructure and power.

Common Applications
- Door intercom system
- Paging and audio distribution
- Automatic announcement systems
- Public announcements, emergency calls, alarms and paging
- Monitor and control communication (in public buildings, airports, manufacturing facilities, and shopping malls)

Installation
Each device can be configured to directly talk to up to eight other units or to an unlimited amount of units via broadcast. There's no need for addressing using the "last calling station" talk-back function. An unlimited number of communication partners can be selected via web browser or serial interface (directory connection).

Barix Annuncicom 100 features fast setup, operation over existing network infrastructures, flexibility, and easy reconfiguration. Using standard TCP/IP protocols, connecting building complexes is simple, requiring no changes to the existing WAN infrastructures. As a result, implementation time and costs are significantly reduced.

For further information, detailed technical specifications and information about other versions and products please visit **www.barix.com**