



Experience Communication in High Definition



High Definition Audio

LifeSize® Phone™ is the High Definition audio conference phone that delivers a revolutionary level of quality to audio conferencing.

Better Input. Powered by 16 always-on microphones and patent-pending Circular Microphone Array™ and beam forming technology, the LifeSize Phone provides high directivity and twice the room coverage over existing devices.

(Expand the coverage so everyone can be heard)

Better Algorithms. True CD quality, super wide-band audio operates up to 16 kHz frequency using MPEG-4 AAC, the same algorithm used in the popular iPod® and iTunes® products.

Better Output. Using a specially designed titanium speaker driver and tuned ported enclosure, LifeSize Phone reduces unwanted noise and distortion by up to 10X over any other conference phone—and no need for a subwoofer.

Flexible Connectivity. LifeSize Phone provides Voice over IP (VoIP) audio conferencing and integration to a host of Enterprise-class IP-PBX systems. Also, use LifeSize Phone as a fully integrated audio solution with LifeSize® Room™ and LifeSize® Team™ video systems.

Hear and understand everyone. No more conference fatigue. LifeSize Phone sets the new standard in productive conferencing. Clearly.

The Advantages are Clear

2X the Room Coverage — Pick up all talkers in the room without unwanted noise. Innovative design with 16 omni-directional microphones and exclusive Circular Microphone Array provides a superior approach to gated, directional microphone devices

Super Wide-Band, Up to 16 kHz Audio — World's best frequency response from 100 Hz up to 16 kHz for highly intelligible conferencing

Standards Compliant — Works with standard SIP or H.323 IP PBX or IP service provider implementation

Low Distortion and Ambient Noise — Designed to reduce noise from HVAC, projector fans for sensitive microphone or talker pickup without the noise

Elegant, Non-Intrusive Design — Updated design and no additional microphone pods or sub woofers required.

Simple to Use — Intuitive keypad and display, add a third participant at the touch of a button

Investment Projection — Software-based, remotely upgradable device.

Product Specifications

Phone Console Specifications

System Speaker

Specially designed titanium speaker driver
¼ liter tuned ported speaker enclosure
Typical frequency response: 100 Hz to 16 kHz
for stand alone phone with IP connection

Distortion:

<0.5% 400 Hz - 20 kHz
<2% 100 Hz - 400 Hz

Volume: adjustable to 90dBA spl @ .5m
No sub-woofer required

System Microphones

Circular Microphone Array with 16 embedded
microphones and beam forming with Directivity
Index (DI) greater than 4 for all audio frequencies
No microphone pods required

Display

Large monochromatic LCD display
240 x 64 pixels; .250 mm pitch



Keypad

Intuitive keypad

Network

VoIP connectivity or video systems integration in one
device

Audio Standards

G.711; G.729; G.722; MPEG-4 AAC
SIP: RFC 3261; 3264; 2833

Network Configuration Options

IP Configurations

Standard SIP or H.323 IP PBX or IP service
provider implementation



QOS

Packet loss concealment
Jitter buffer granularity of 1ms
AEC echo tail of >100 ms

No Mobile Phone or PDA Interference

Designed to reduce or eliminates radio frequency
interference when placed adjacent to LifeSize Phone

Systems Management & Maintenance

Web browser management for setup and usage
Inventory and remote management using SNMPv3
LifeSize® Control™ management software on IP network



System Design

Physical Dimensions

Height: 40.89 mm / 1.61 in
Diameter: 286.29 mm / 11.27 in
Weight: 1.34 Kg / 3 lbs

Environmental Data

Operating temperature:
0°C (32°F) to 40°C (104°F)
Operating humidity:
10% to 85%, non-condensing
Storage temperature:
-40°C (-40°F) to 70°C (158°F)
Storage humidity: 10% to 90%

LifeSize Phone Package

Tabletop console
Quick start guide
Cables:
1-30 ft. (9.14m) RJ-45 cable to Speakerphone Console
Power over Ethernet (PoE) enabled, 802.3af
PoE Adapter not included.

LifeSize Phone is available worldwide in multiple
languages.

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